

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052820\
 Data File : VX016480.D
 Acq On : 28 May 2020 13:15
 Operator : JC/SP
 Sample : L2730-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z2-DUP-0558-200520

Quant Time: May 29 03:38:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	319744	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	518851	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	514728	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	258003	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	187404	47.20	ug/l	0.00
Spiked Amount			Recovery	=	94.40%	
35) Dibromofluoromethane	5.47	113	150669	47.16	ug/l	0.00
Spiked Amount			Recovery	=	94.32%	
50) Toluene-d8	8.70	98	646623	52.00	ug/l	0.00
Spiked Amount			Recovery	=	104.00%	
62) 4-Bromofluorobenzene	11.12	95	260197	54.15	ug/l	0.00
Spiked Amount			Recovery	=	108.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.31	50	940	0.247	ug/l	89
4) Vinyl Chloride	1.39	62	8968	2.230	ug/l	90
5) Bromomethane	1.64	94	548	0.280	ug/l #	72
6) Chloroethane	1.72	64	1086	0.463	ug/l	93
10) Methyl Iodide	2.50	142	198	3.109	ug/l #	69
11) Tert butyl alcohol	3.01	59	19028	18.687	ug/l	99
13) Acrolein	2.27	56	274	0.633	ug/l #	13
16) Acetone	2.42	43	3851	2.214	ug/l	93
24) 1,1-Dichloroethane	3.67	63	9102	1.484	ug/l	97
25) 2-Butanone	4.64	43	1211	0.411	ug/l #	83
26) 2,2-Dichloropropane	4.65	77	1844	0.367	ug/l #	53
27) cis-1,2-Dichloroethene	4.56	96	1802	0.458	ug/l	54
29) Tetrahydrofuran	5.10	42	1579	0.829	ug/l	92
36) 1,1-Dichloropropene	5.64	75	23991	4.884	ug/l #	49
38) Carbon Tetrachloride	5.64	117	31039	6.012	ug/l #	16
39) Methylcyclohexane	7.45	83	2633	0.493	ug/l #	85
40) Benzene	6.12	78	375609	25.675	ug/l	98
42) 1,2-Dichloroethane	6.11	62	3434	0.660	ug/l #	73
49) 1,4-Dioxane	7.72	88	3708	35.971	ug/l	93
52) Toluene	8.76	92	6324	0.686	ug/l	99
55) 1,1,2-Trichloroethane	9.15	97	1184	0.323	ug/l #	14
59) 2-Hexanone	9.29	43	12984	2.915	ug/l	76
60) Dibromochloromethane	9.32	129	865	0.210	ug/l #	11
65) Chlorobenzene	10.12	112	5515089	525.552	ug/l	98
69) o-Xylene	10.68	106	1660	0.247	ug/l	95
73) Isopropylbenzene	11.01	105	3849	0.215	ug/l	97
74) N-amyl acetate	10.92	43	1793	0.218	ug/l #	19
76) 1,2,3-Trichloropropane	11.12	75	126023	22.222	ug/l #	35
79) 2-Chlorotoluene	11.40	91	4519	0.371	ug/l	91
81) trans-1,4-Dichloro-2-buten	11.12	75	126023	54.663	ug/l #	14
82) 4-Chlorotoluene	11.40	91	4273	0.297	ug/l	99
83) tert-Butylbenzene	11.76	119	80295	6.296	ug/l	97
85) sec-Butylbenzene	11.93	105	23826	1.489	ug/l #	56
86) p-Isopropyltoluene	12.22	119	60421	4.031	ug/l	96

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Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration

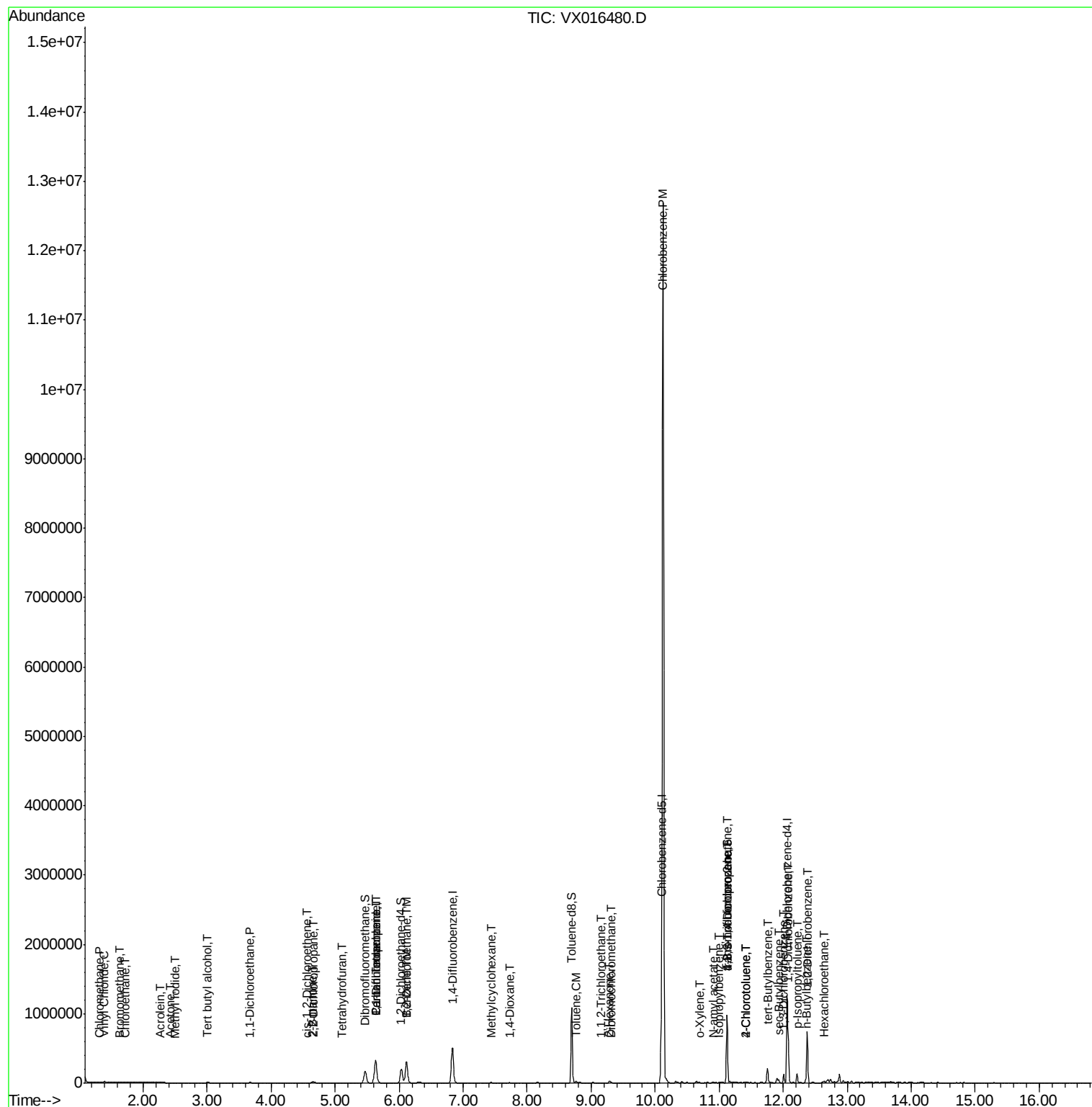
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
87) 1,3-Dichlorobenzene	12.01	146	41670	5.130	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	145662	17.533	ug/l	98
89) n-Butylbenzene	12.35	91	4405	0.353	ug/l #	21
90) Hexachloroethane	12.63	117	705	0.272	ug/l #	6
91) 1,2-Dichlorobenzene	12.38	146	243616	30.955	ug/l	98

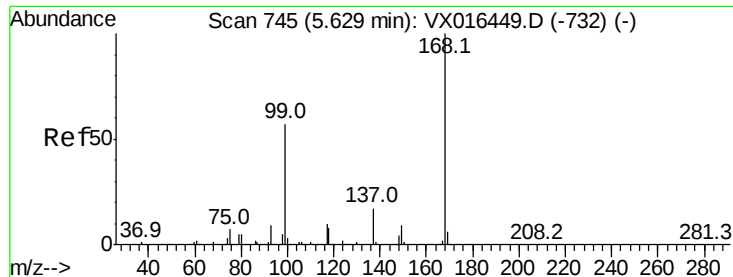
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX052820\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016480.D

Acq: 28 May 2020 13:15

Instrument :

MSVOA_X

ClientSampleId :

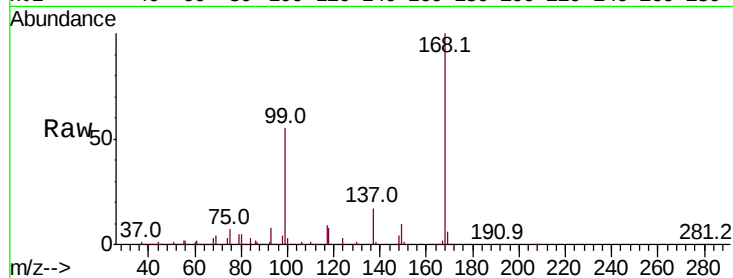
Z2-DUP-0558-200520

Tot Ion:168 Resp: 319744

Ion Ratio Lower Upper

168 100

99 54.6 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

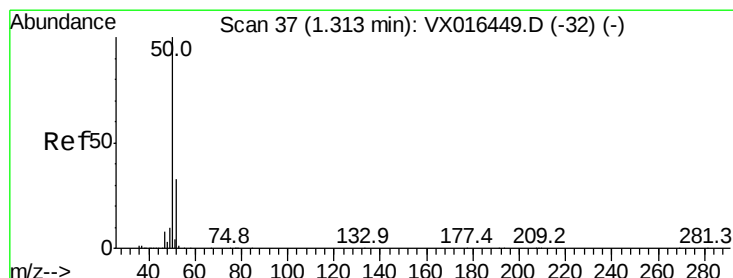
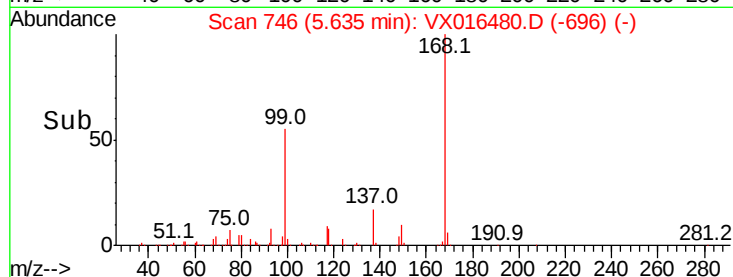
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.247 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016480.D

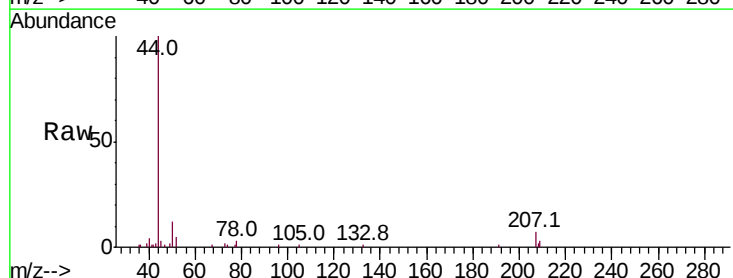
Acq: 28 May 2020 13:15

Tgt Ion: 50 Resp: 940

Ion Ratio Lower Upper

50 100

52 39.1 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1000

800

600

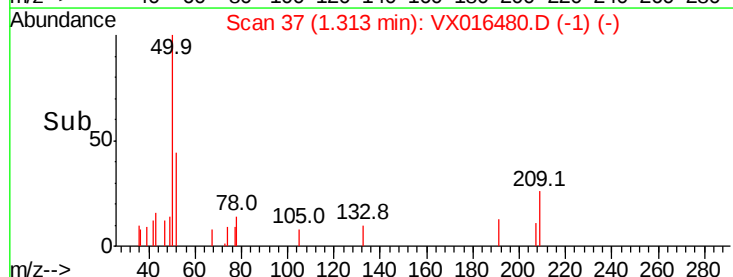
400

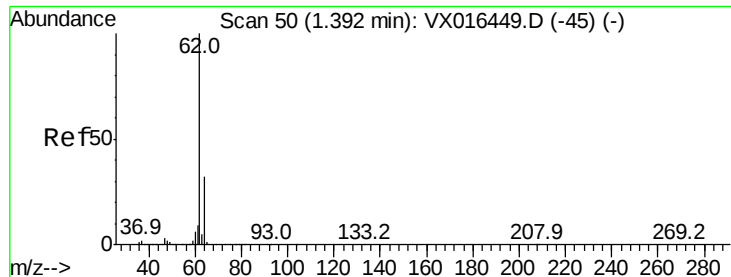
200

0

Time-->

1.30 1.35





#4

Vinyl Chloride

Concen: 2.230 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016480.D

Acq: 28 May 2020 13:15

Instrument :

MSVOA_X

ClientSampleId :

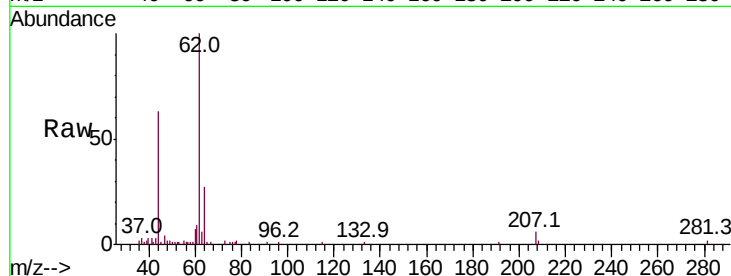
Z2-DUP-0558-200520

Tot Ion: 62 Resp: 8968

Ion Ratio Lower Upper

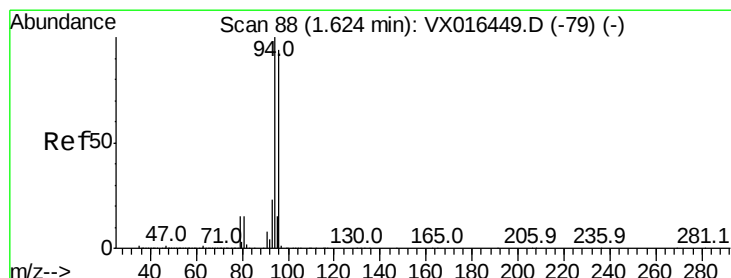
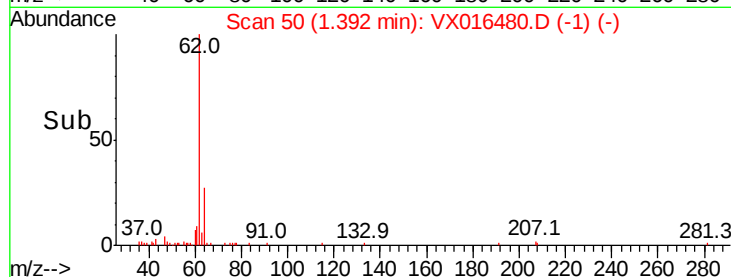
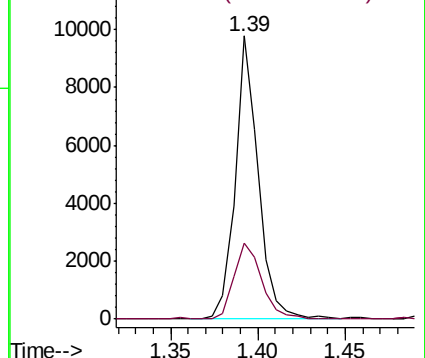
62 100

64 27.0 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



#5

Bromomethane

Concen: 0.280 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX016480.D

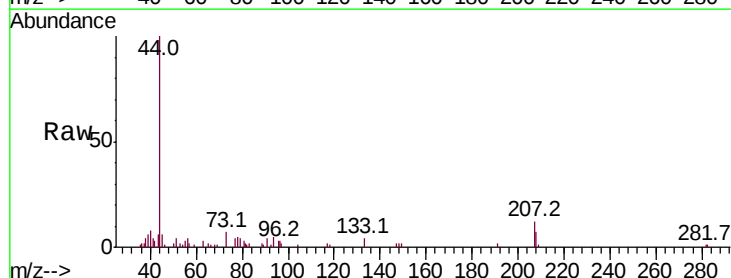
Acq: 28 May 2020 13:15

Tgt Ion: 94 Resp: 548

Ion Ratio Lower Upper

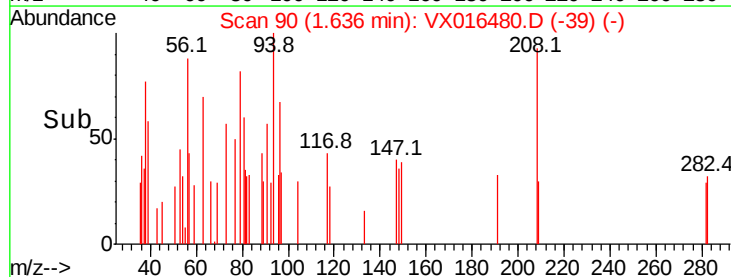
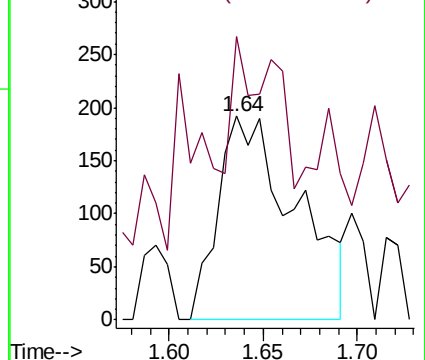
94 100

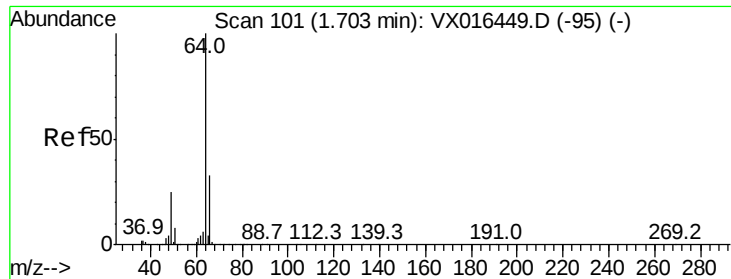
96 67.2 75.1 112.7#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: 0.463 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX016480.D

Acq: 28 May 2020 13:15

Instrument :

MSVOA_X

ClientSampleId :

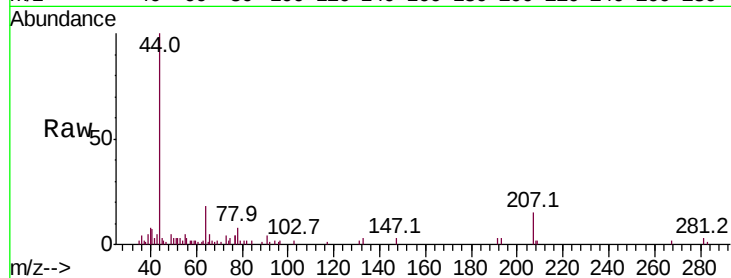
Z2-DUP-0558-200520

Tot Ion: 64 Resp: 1086

Ion Ratio Lower Upper

64 100

66 29.7 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

800

600

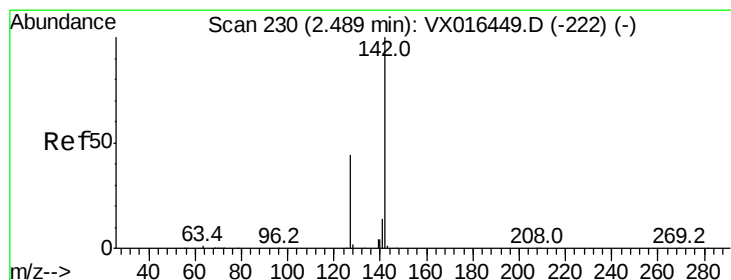
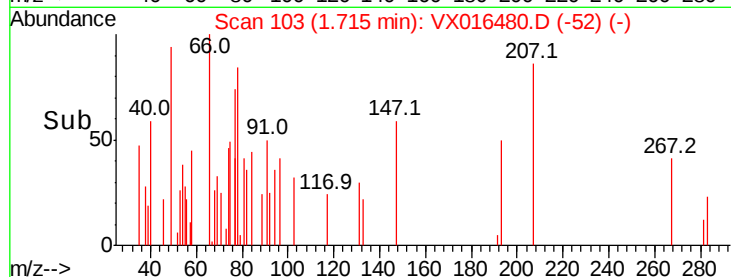
400

200

0

1.65 1.70 1.75 1.80

Time-->



#10

Methyl Iodide

Concen: 3.109 ug/l

RT: 2.50 min Scan# 232

Delta R.T. 0.01 min

Lab File: VX016480.D

Acq: 28 May 2020 13:15

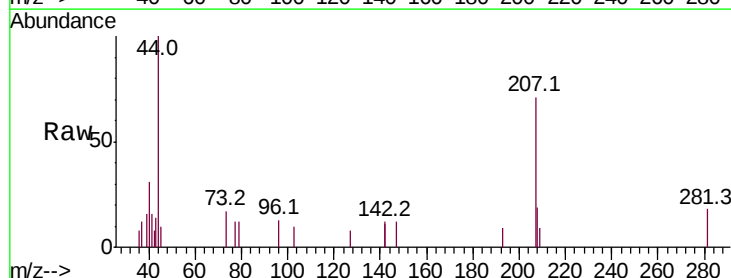
Tgt Ion: 142 Resp: 198

Ion Ratio Lower Upper

142 100

127 24.7 35.3 52.9#

141 0.0 11.4 17.2#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

200

150

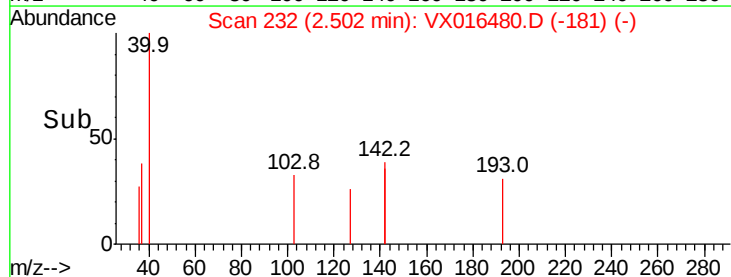
100

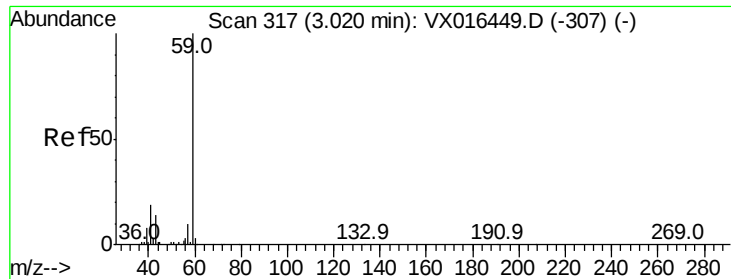
50

0

2.45 2.50

Time-->

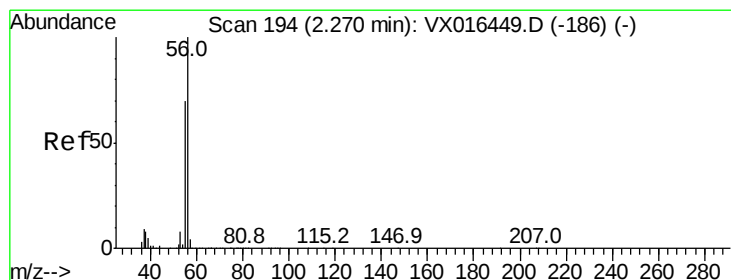
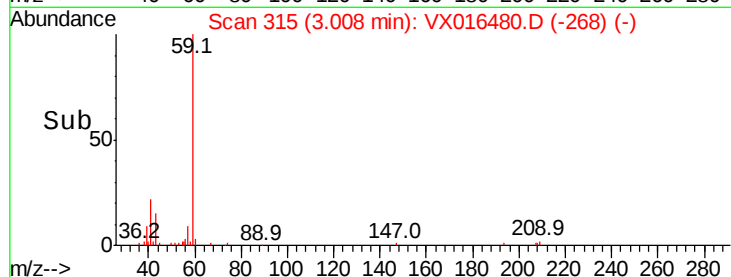
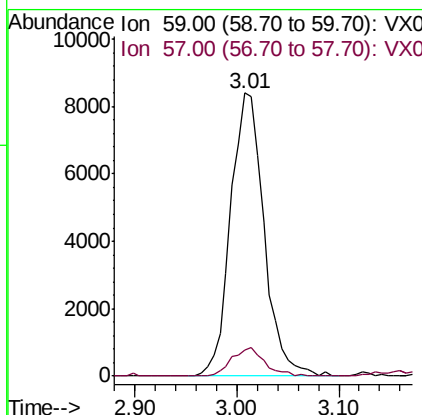
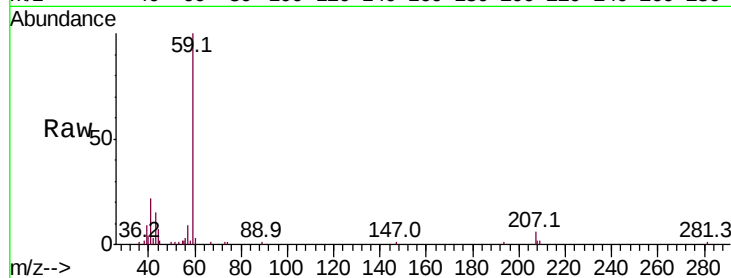




#11
Tert butyl alcohol
Concen: 18.687 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX016480.D
Acq: 28 May 2020 13:15

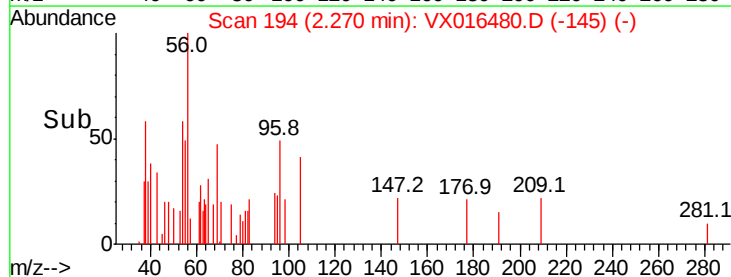
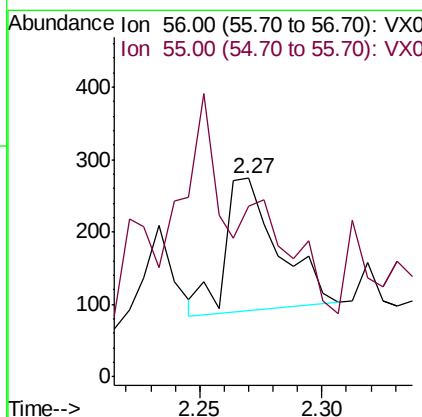
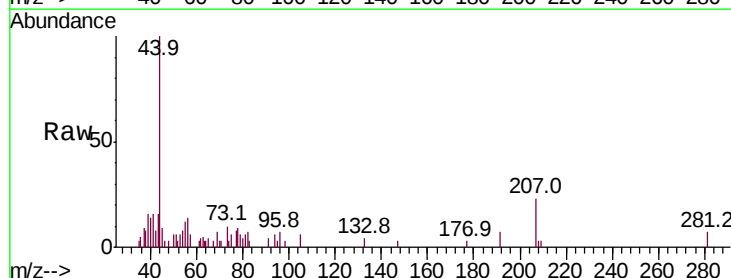
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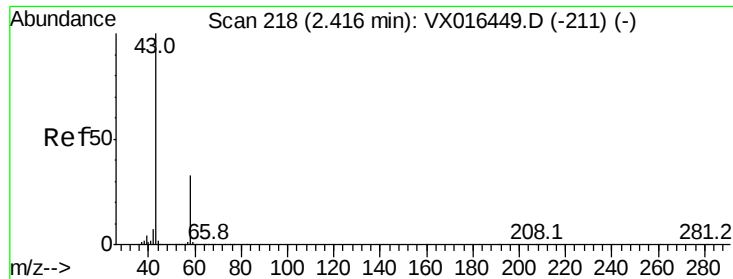
Tot Ion: 59 Resp: 19028
Ion Ratio Lower Upper
59 100
57 9.9 8.2 12.4



#13
Acrolein
Concen: 0.633 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.00 min
Lab File: VX016480.D
Acq: 28 May 2020 13:15

Tgt Ion: 56 Resp: 274
Ion Ratio Lower Upper
56 100
55 0.0 58.3 87.5#





#16

Acetone

Concen: 2.214 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.01 min

Lab File: VX016480.D

Acq: 28 May 2020 13:15

Instrument :

MSVOA_X

ClientSampleId :

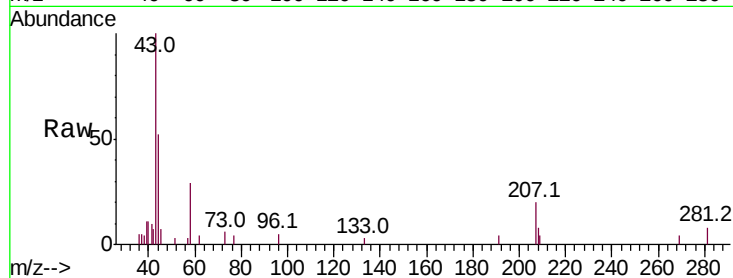
Z2-DUP-0558-200520

Tot Ion: 43 Resp: 3851

Ion Ratio Lower Upper

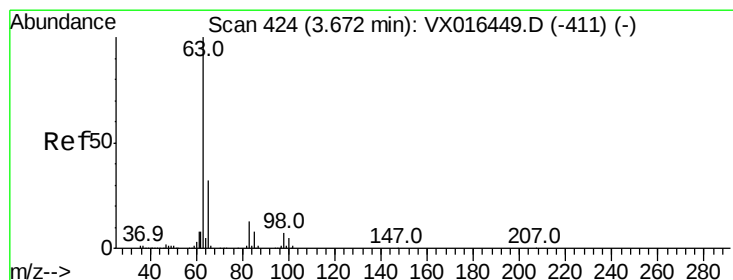
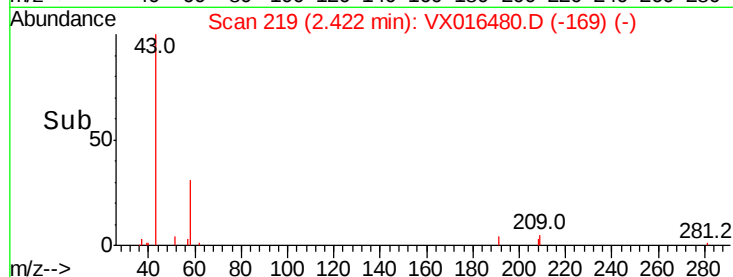
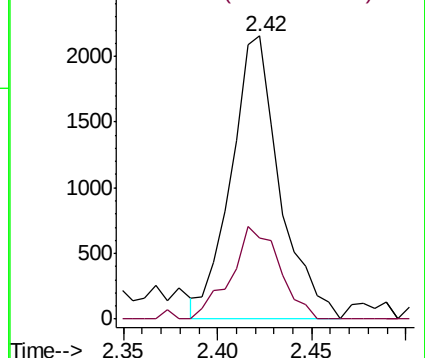
43 100

58 28.9 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#24

1,1-Dichloroethane

Concen: 1.484 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016480.D

Acq: 28 May 2020 13:15

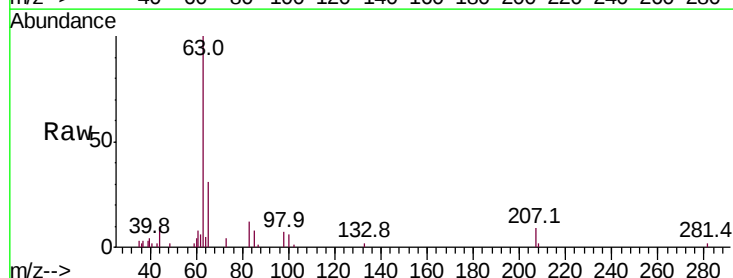
Tgt Ion: 63 Resp: 9102

Ion Ratio Lower Upper

63 100

98 6.5 3.6 10.9

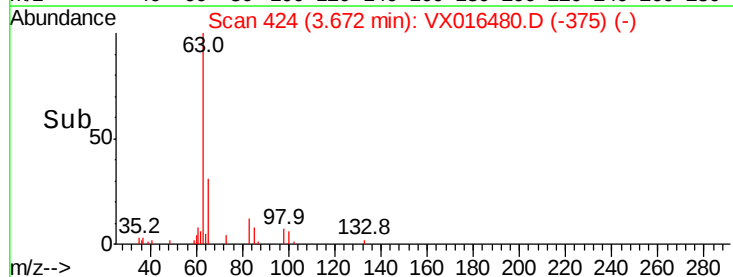
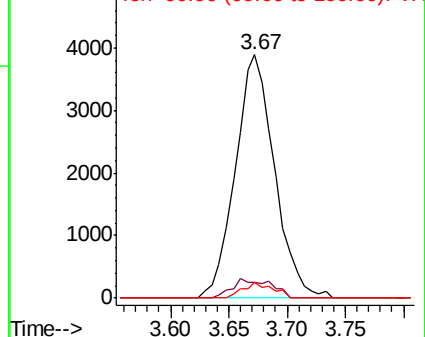
100 6.3 2.4 7.1

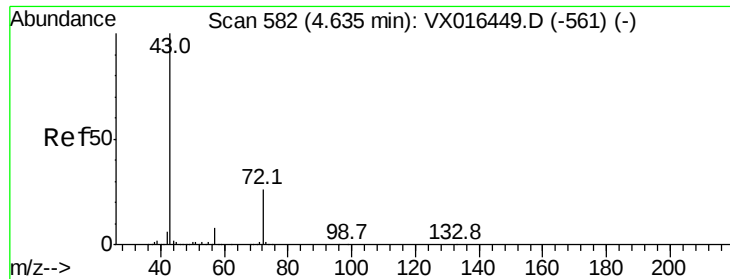


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 0.411 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX016480.D

Acq: 28 May 2020 13:15

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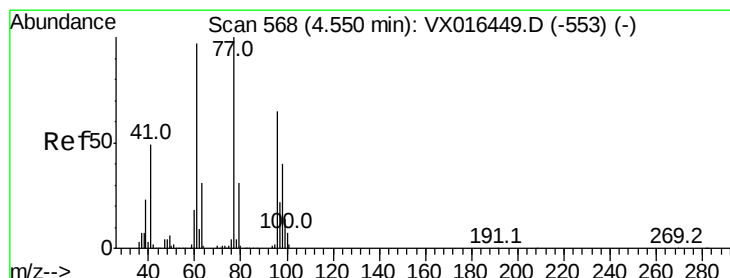
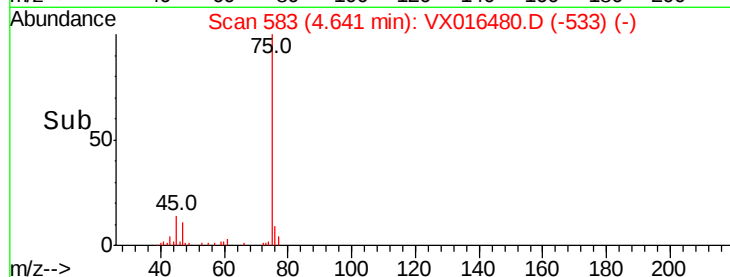
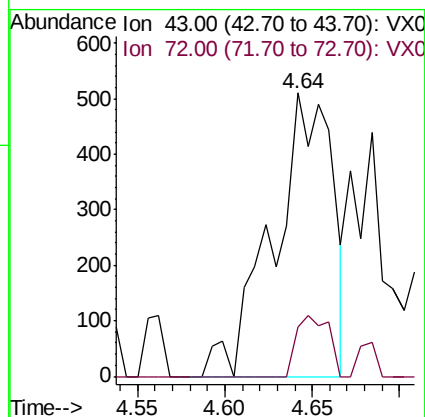
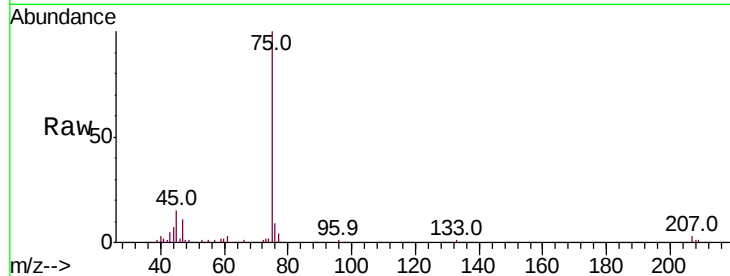
Z2-DUP-0558-200520

Tot Ion: 43 Resp: 1211

Ion Ratio Lower Upper

43 100

72 17.5 21.0 31.6#



#26

2,2-Dichloropropane

Concen: 0.367 ug/l

RT: 4.65 min Scan# 584

Delta R.T. 0.10 min

Lab File: VX016480.D

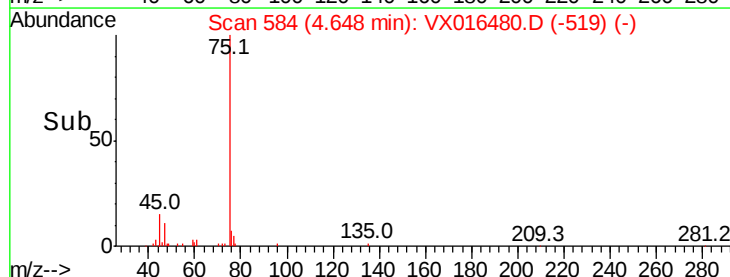
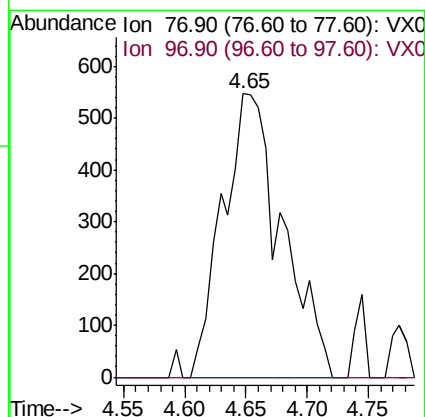
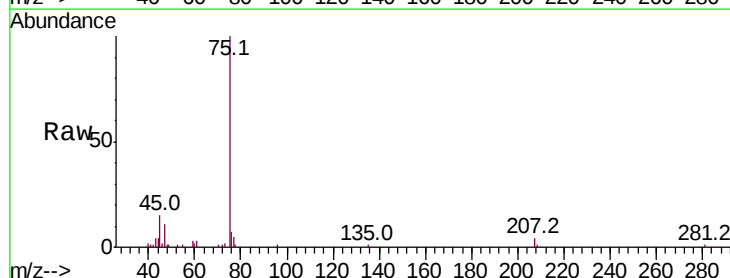
Acq: 28 May 2020 13:15

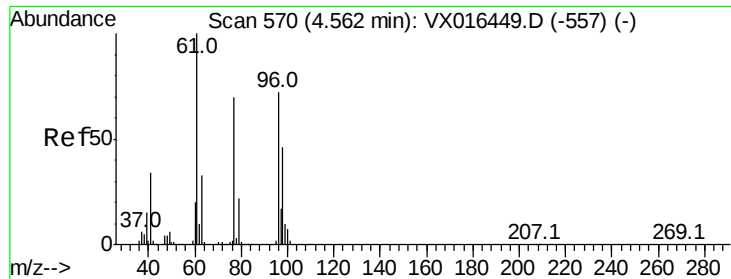
Tgt Ion: 77 Resp: 1844

Ion Ratio Lower Upper

77 100

97 0.0 11.5 34.4#



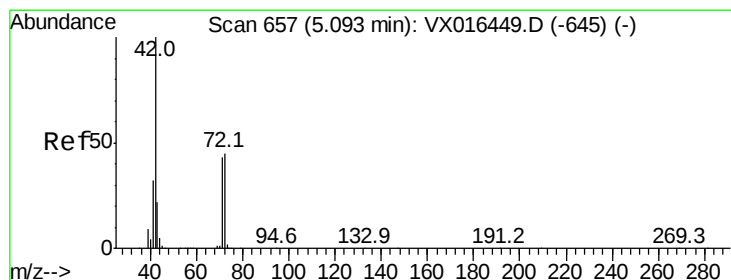
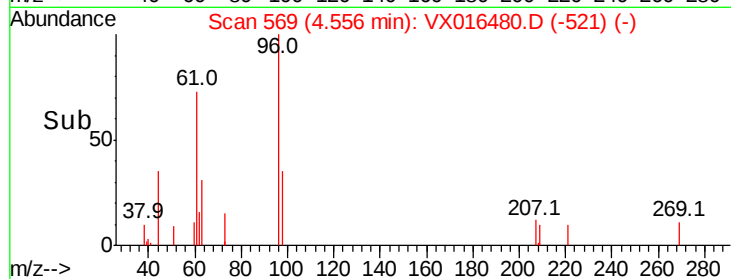
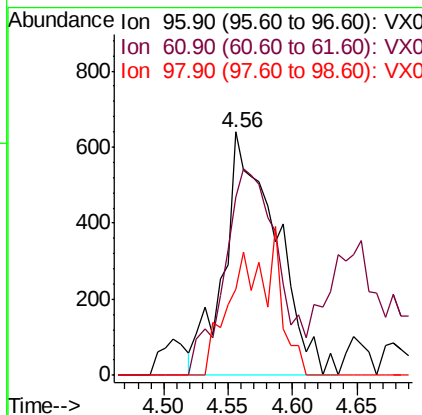
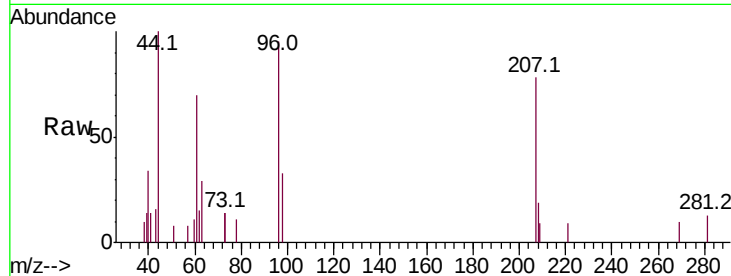


#27

cis-1,2-Dichloroethene
 Concen: 0.458 ug/l
 RT: 4.56 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: VX016480.D
 Acq: 28 May 2020 13:15

Instrument :
 MSVOA_X
 ClientSampleId :
 Z2-DUP-0558-200520

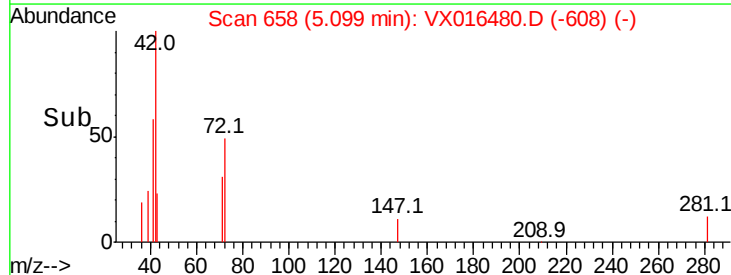
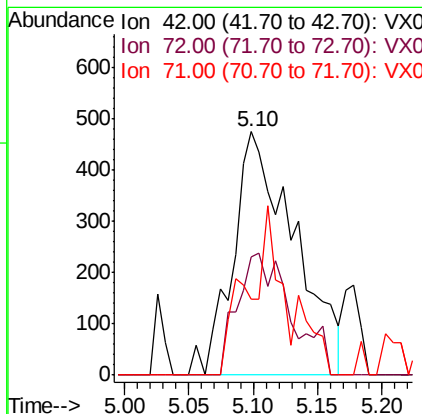
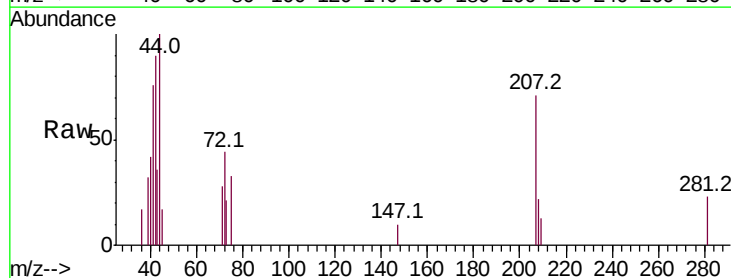
Tot Ion	96	Resp	1802
Ion Ratio	Lower	Upper	
96	100		
61	87.6	0.0	284.6
98	24.9	0.0	127.2

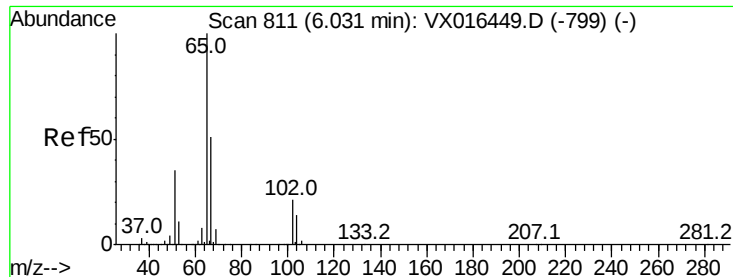


#29

Tetrahydrofuran
 Concen: 0.829 ug/l
 RT: 5.10 min Scan# 658
 Delta R.T. 0.01 min
 Lab File: VX016480.D
 Acq: 28 May 2020 13:15

Tgt Ion	42	Resp	1579
Ion Ratio	Lower	Upper	
42	100		
72	43.6	37.0	55.4
71	35.2	34.1	51.1





#33

1,2-Dichloroethane-d4

Concen: 47.195 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016480.D

Acq: 28 May 2020 13:15

Instrument :

MSVOA_X

ClientSampleId :

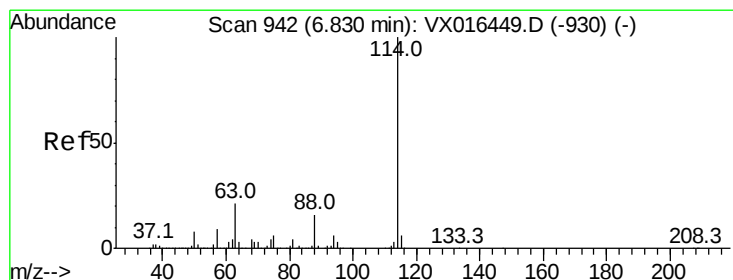
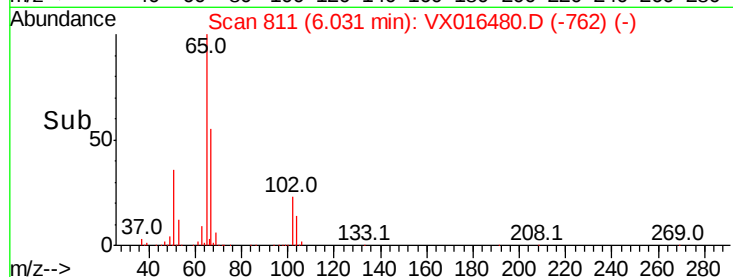
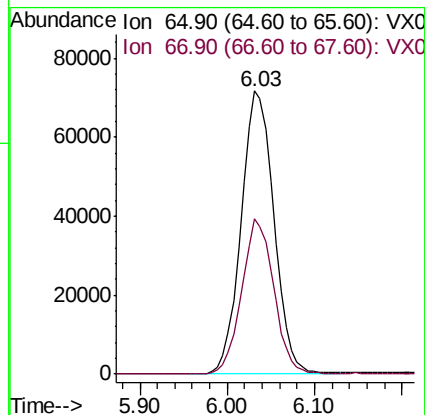
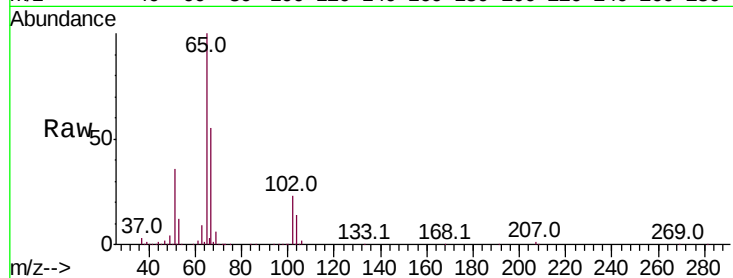
Z2-DUP-0558-200520

Tot Ion: 65 Resp: 187404

Ion Ratio Lower Upper

65 100

67 53.7 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: VX016480.D

Acq: 28 May 2020 13:15

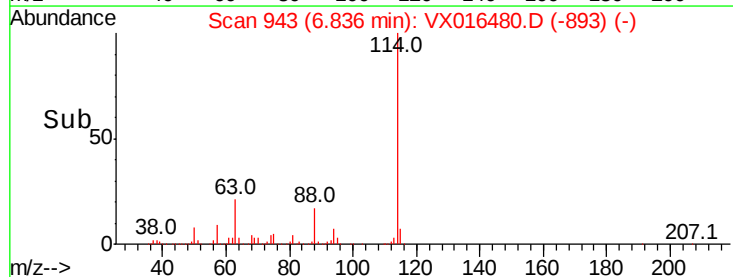
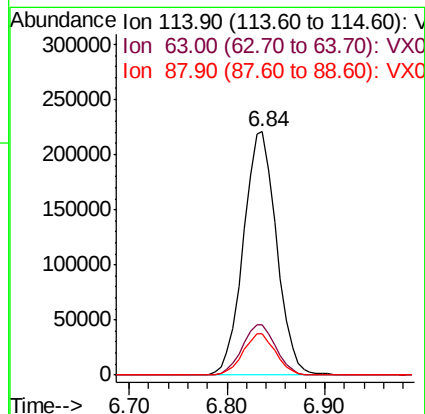
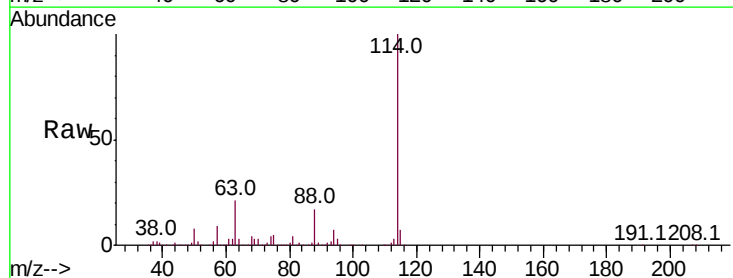
Tgt Ion: 114 Resp: 518851

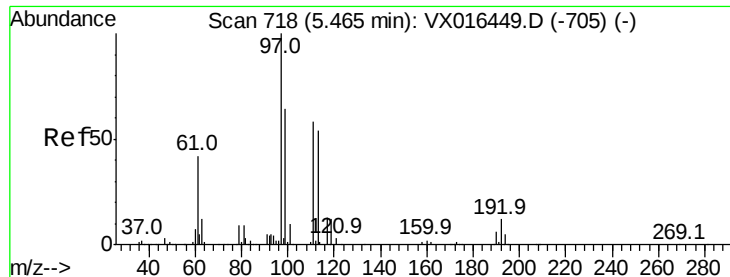
Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.6

88 16.8 0.0 32.8





#35

Dibromofluoromethane

Concen: 47.161 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016480.D

Acq: 28 May 2020 13:15

Instrument :

MSVOA_X

ClientSampleId :

Z2-DUP-0558-200520

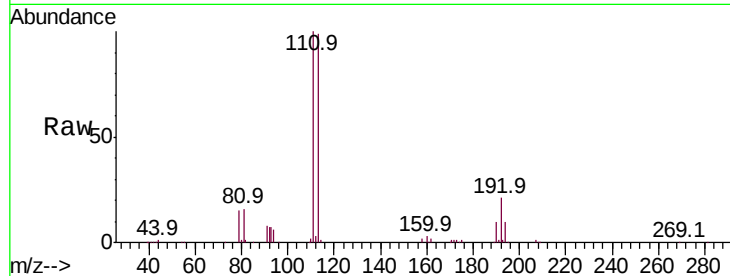
Tot Ion:113 Resp: 150669

Ion Ratio Lower Upper

113 100

111 103.7 83.0 124.6

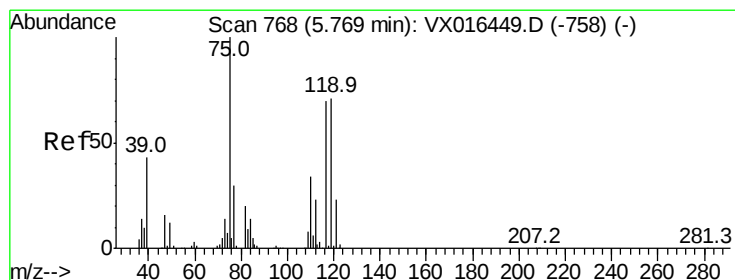
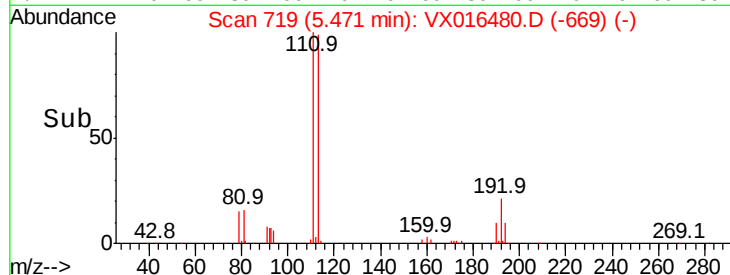
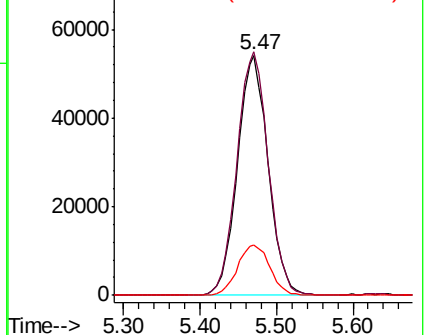
192 22.2 17.7 26.5



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: 4.884 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.13 min

Lab File: VX016480.D

Acq: 28 May 2020 13:15

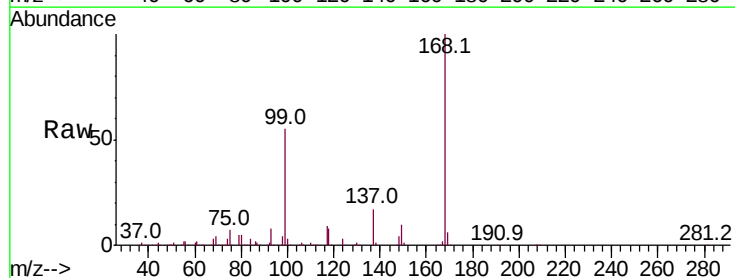
Tgt Ion: 75 Resp: 23991

Ion Ratio Lower Upper

75 100

110 8.1 17.4 52.3#

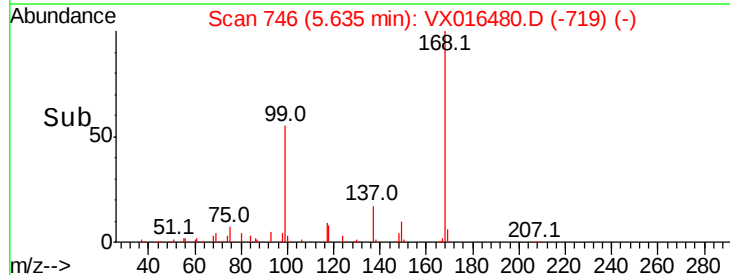
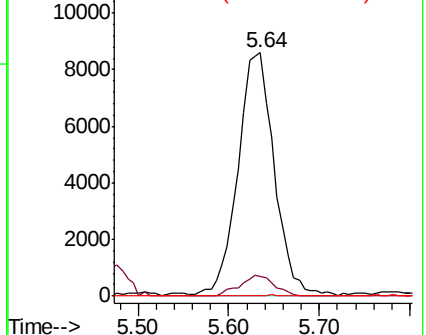
77 0.0 24.2 36.4#

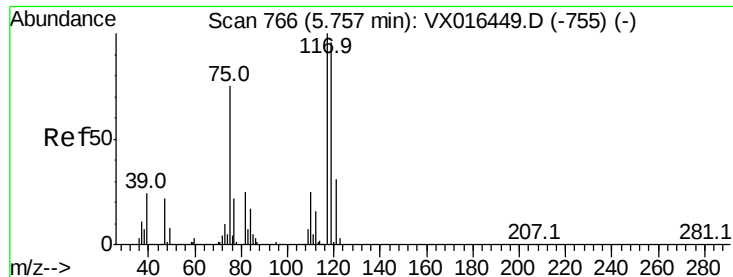


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.012 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.12 min

Lab File: VX016480.D

Acq: 28 May 2020 13:15

Instrument :

MSVOA_X

ClientSampleId :

Z2-DUP-0558-200520

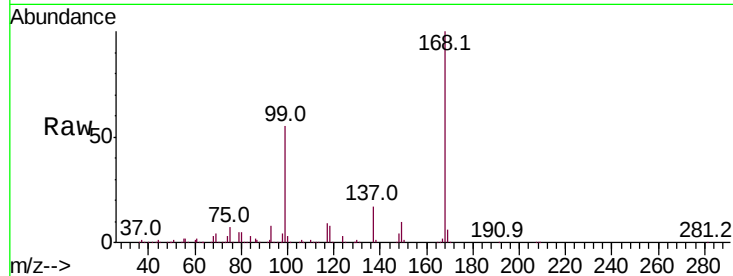
Tot Ion:117 Resp: 31039

Ion Ratio Lower Upper

117 100

119 5.2 76.3 114.5#

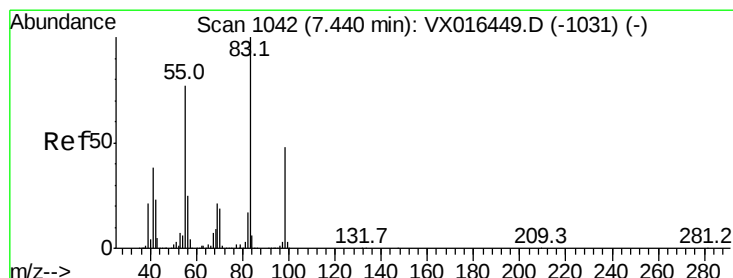
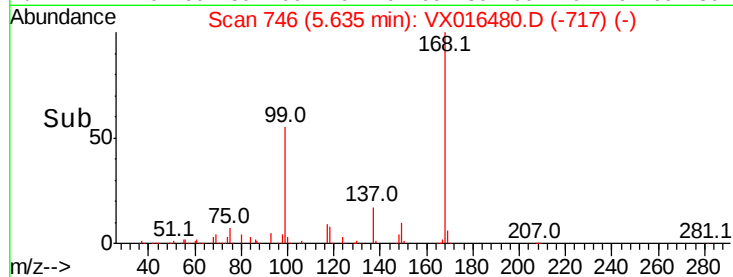
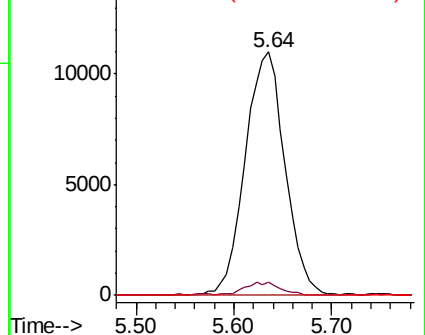
121 0.0 24.6 37.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 0.493 ug/l

RT: 7.45 min Scan# 1043

Delta R.T. 0.01 min

Lab File: VX016480.D

Acq: 28 May 2020 13:15

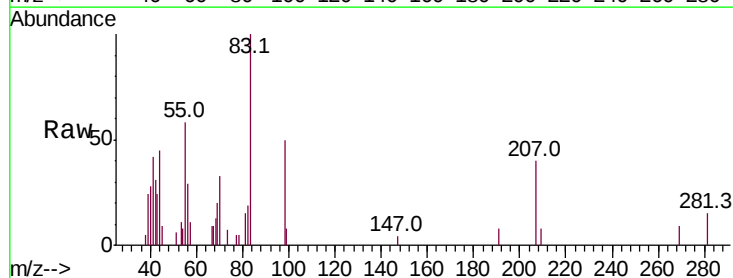
Tgt Ion: 83 Resp: 2633

Ion Ratio Lower Upper

83 100

55 57.5 61.7 92.5#

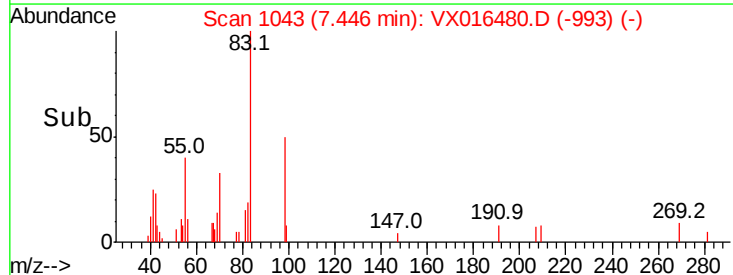
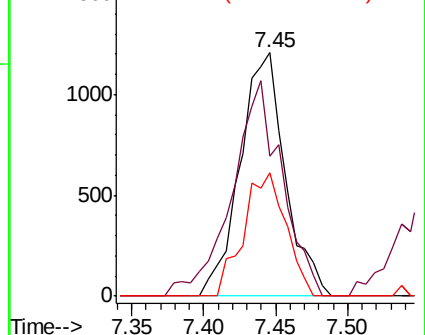
98 50.4 38.7 58.1

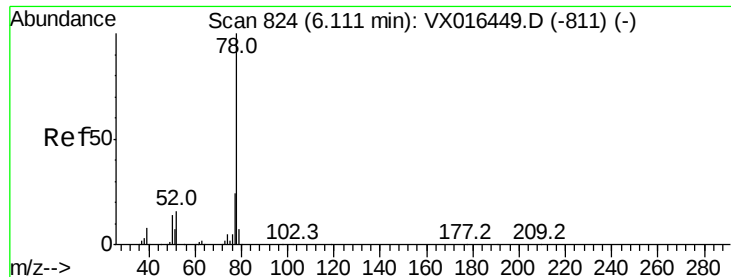


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 25.675 ug/l

RT: 6.12 min Scan# 825

Delta R.T. 0.01 min

Lab File: VX016480.D

Acq: 28 May 2020 13:15

Instrument :

MSVOA_X

ClientSampleId :

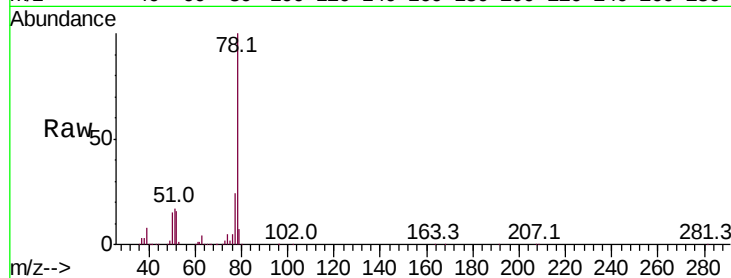
Z2-DUP-0558-200520

Tot Ion: 78 Resp: 375609

Ion Ratio Lower Upper

78 100

77 24.4 18.9 28.3



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

6.12

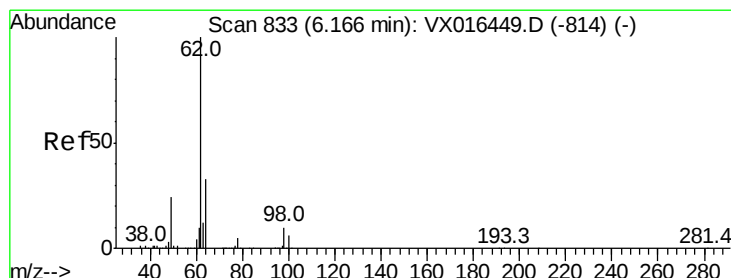
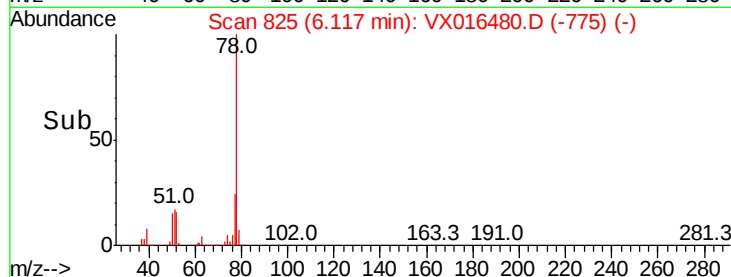
150000

100000

50000

0

Time-->



#42

1,2-Dichloroethane

Concen: 0.660 ug/l

RT: 6.11 min Scan# 824

Delta R.T. -0.05 min

Lab File: VX016480.D

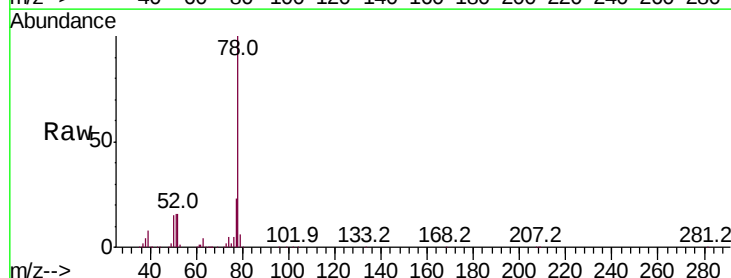
Acq: 28 May 2020 13:15

Tgt Ion: 62 Resp: 3434

Ion Ratio Lower Upper

62 100

98 0.0 0.0 19.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

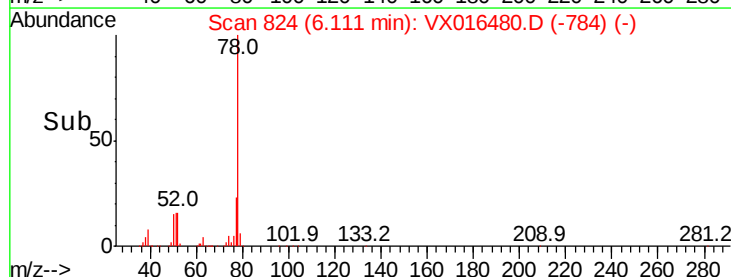
1500

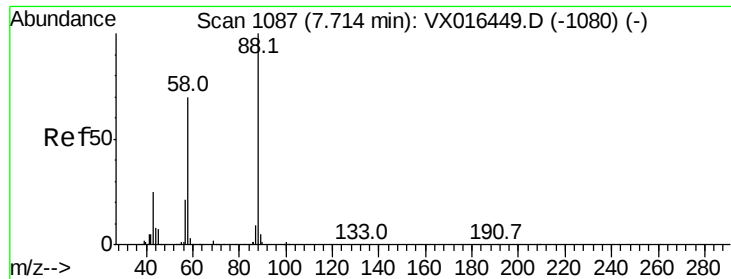
1000

500

0

Time-->





#49

1,4-Dioxane

Concen: 35.971 ug/l

RT: 7.72 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX016480.D

Acq: 28 May 2020 13:15

Instrument :

MSVOA_X

ClientSampleId :

Z2-DUP-0558-200520

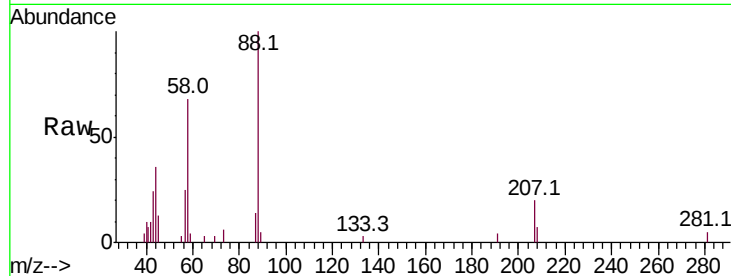
Tot Ion: 88 Resp: 3708

Ion Ratio Lower Upper

88 100

43 24.5 24.2 36.4

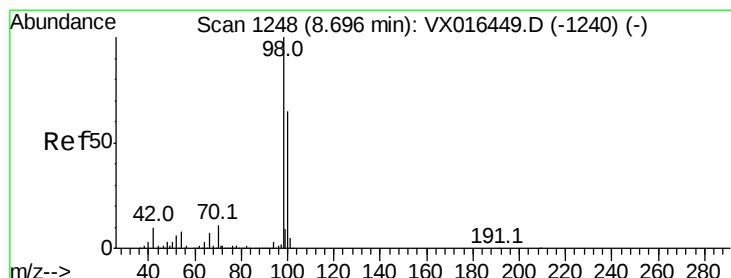
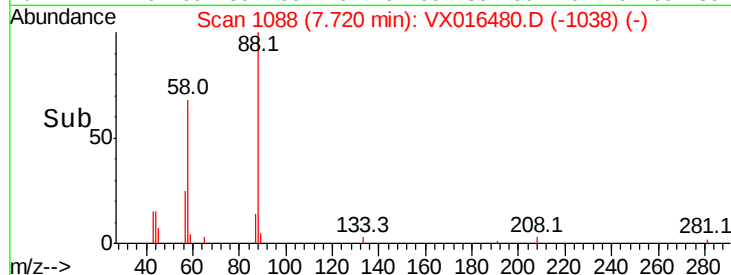
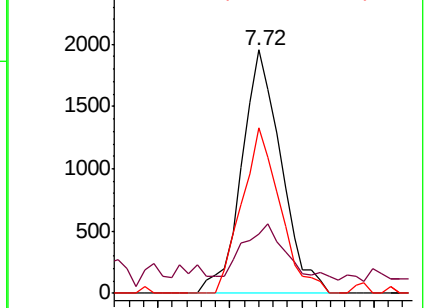
58 66.1 56.5 84.7



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: 52.001 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016480.D

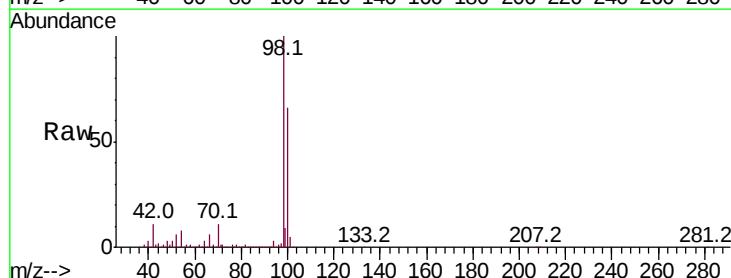
Acq: 28 May 2020 13:15

Tgt Ion: 98 Resp: 646623

Ion Ratio Lower Upper

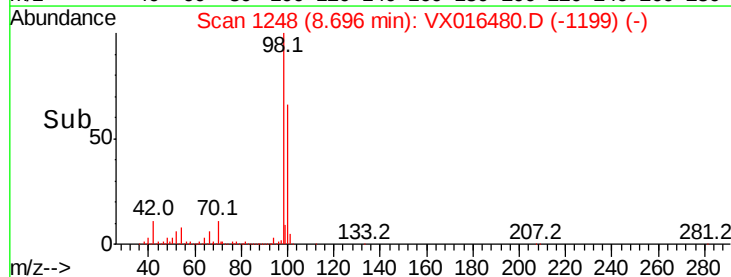
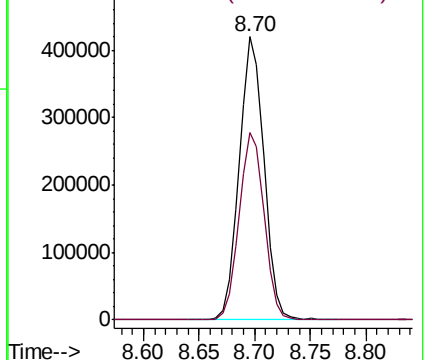
98 100

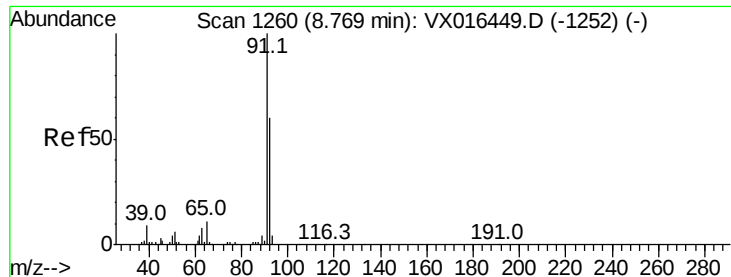
100 67.0 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#52

Toluene

Concen: 0.686 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX016480.D

Acq: 28 May 2020 13:15

Instrument :

MSVOA_X

ClientSampleId :

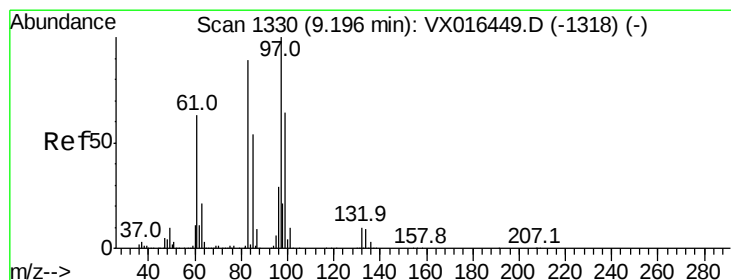
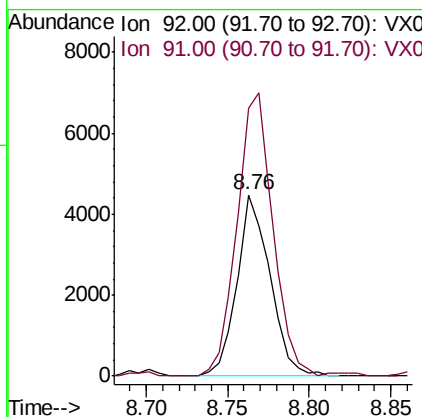
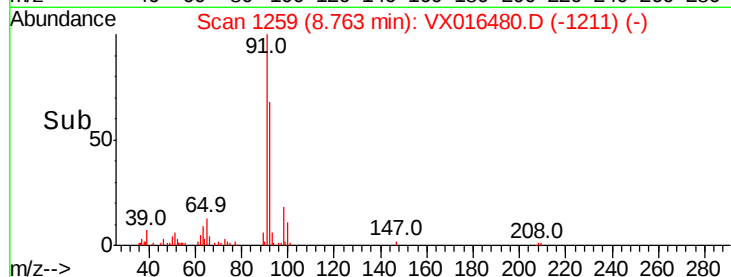
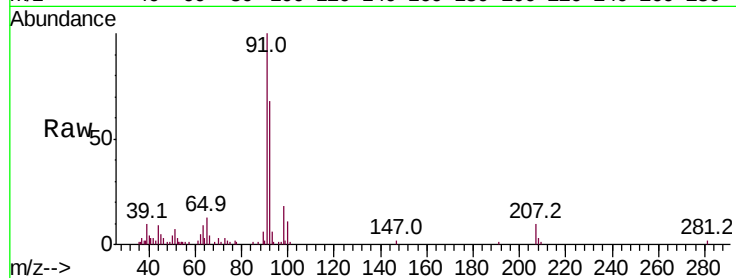
Z2-DUP-0558-200520

Tot Ion: 92 Resp: 6324

Ion Ratio Lower Upper

92 100

91 170.5 135.0 202.4



#55

1,1,2-Trichloroethane

Concen: 0.323 ug/l

RT: 9.15 min Scan# 1323

Delta R.T. -0.04 min

Lab File: VX016480.D

Acq: 28 May 2020 13:15

Tgt Ion: 97 Resp: 1184

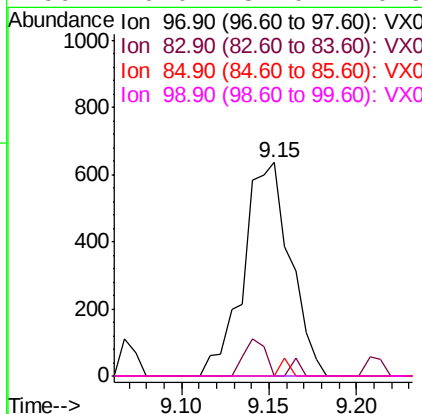
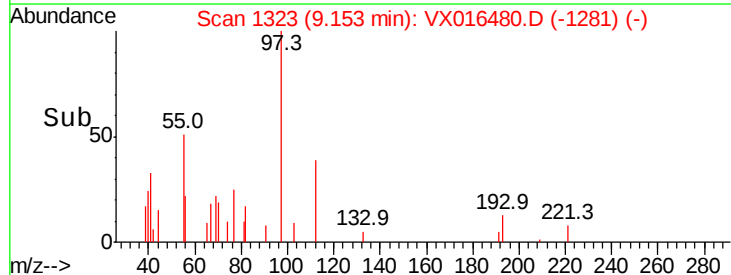
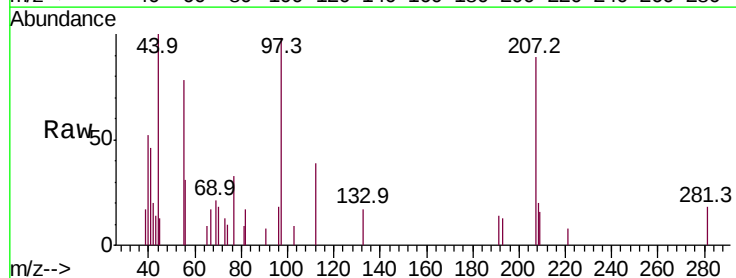
Ion Ratio Lower Upper

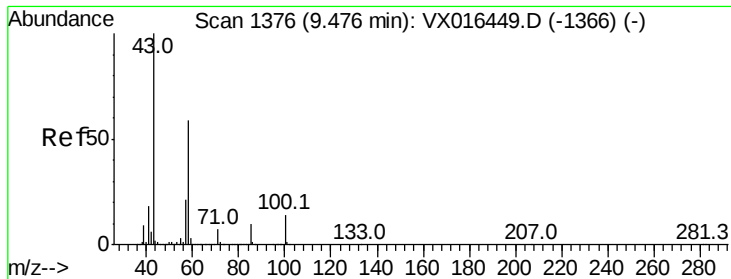
97 100

83 0.0 70.9 106.3#

85 0.0 43.4 65.2#

99 0.0 51.0 76.6#

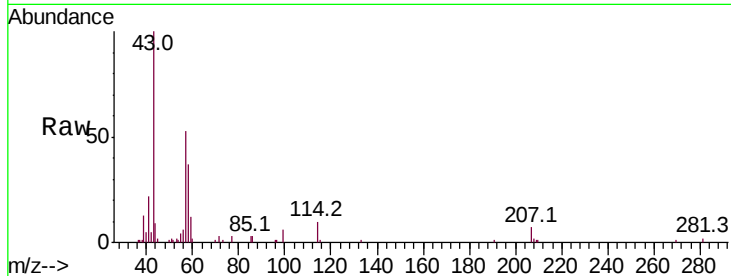




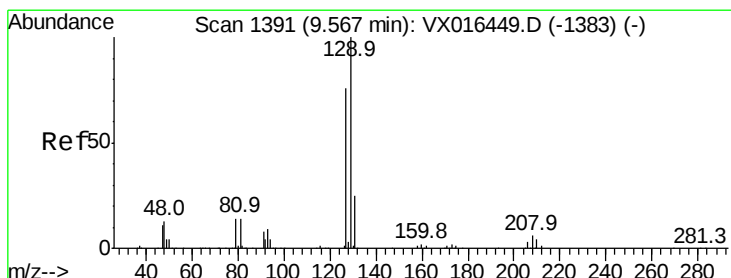
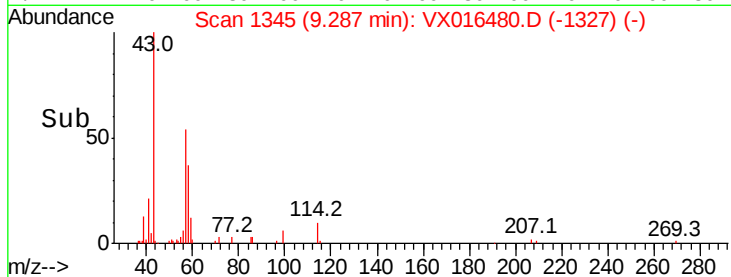
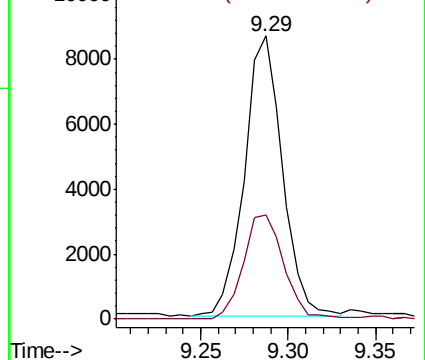
#59
2-Hexanone
Concen: 2.915 ug/l
RT: 9.29 min Scan# 1345
Delta R.T. -0.19 min
Lab File: VX016480.D
Acq: 28 May 2020 13:15

Instrument :
MSVOA_X
ClientSampleId :
Z2-DUP-0558-200520

Tot Ion: 43 Resp: 12984
Ion Ratio Lower Upper
43 100
58 39.6 28.8 86.4

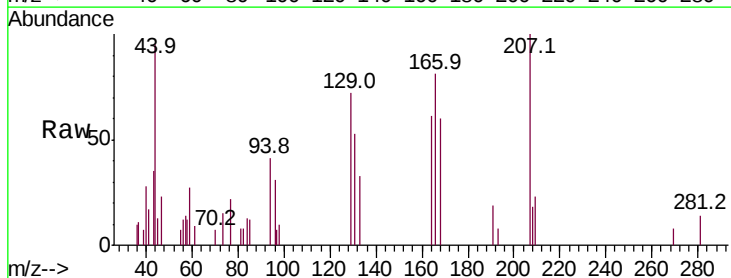


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

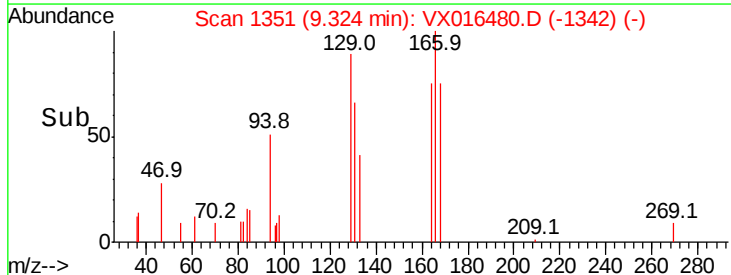
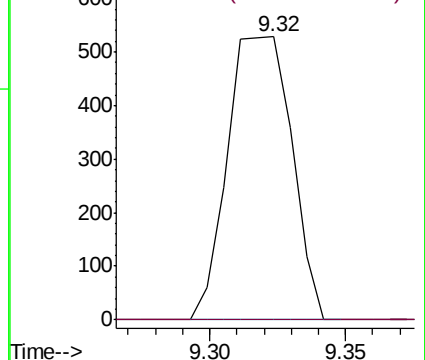


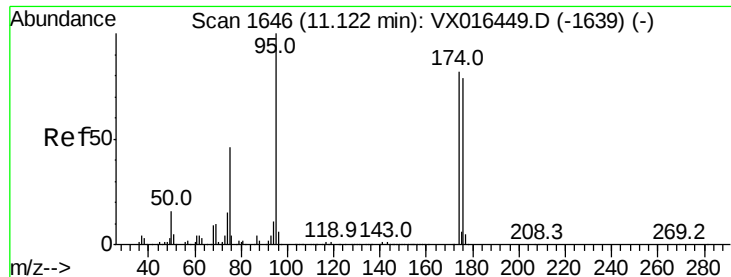
#60
Dibromochloromethane
Concen: 0.210 ug/l
RT: 9.32 min Scan# 1351
Delta R.T. -0.24 min
Lab File: VX016480.D
Acq: 28 May 2020 13:15

Tgt Ion: 129 Resp: 865
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#



Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V





#62

4-Bromofluorobenzene

Concen: 54.153 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016480.D

Acq: 28 May 2020 13:15

Instrument :

MSVOA_X

ClientSampleId :

Z2-DUP-0558-200520

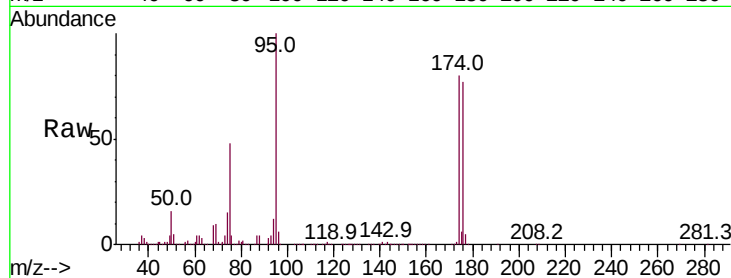
Tot Ion: 95 Resp: 260197

Ion Ratio Lower Upper

95 100

174 81.3 0.0 163.0

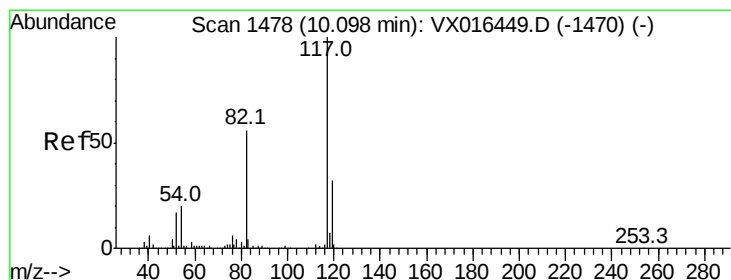
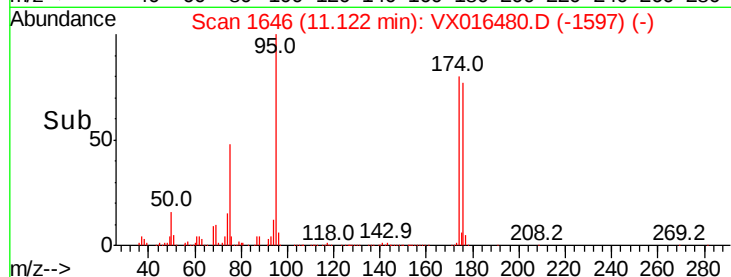
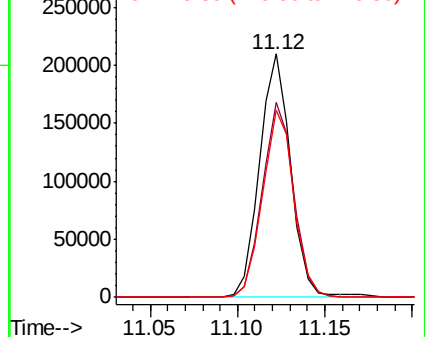
176 78.1 0.0 156.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): VX0

Ion 175.80 (175.50 to 176.50): VX0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016480.D

Acq: 28 May 2020 13:15

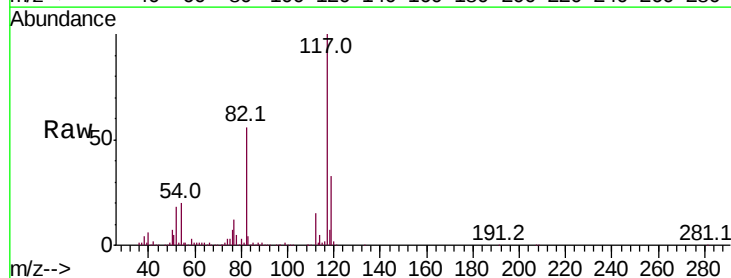
Tgt Ion: 117 Resp: 514728

Ion Ratio Lower Upper

117 100

82 56.5 45.0 67.6

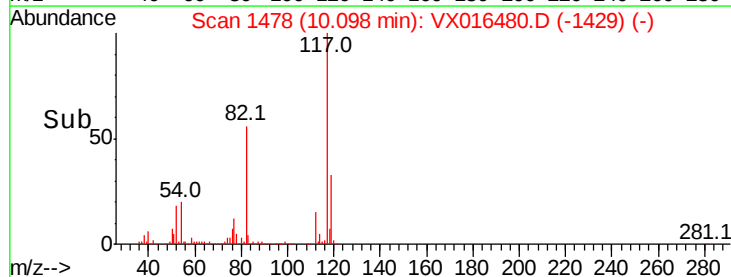
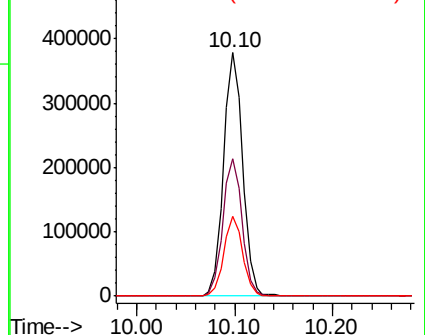
119 33.0 25.8 38.8

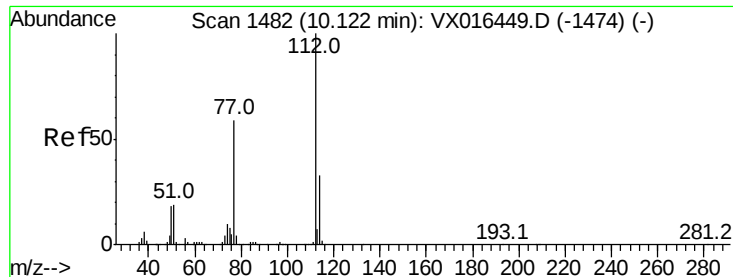


Abundance Ion 116.90 (116.60 to 117.60): VX0

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): VX0

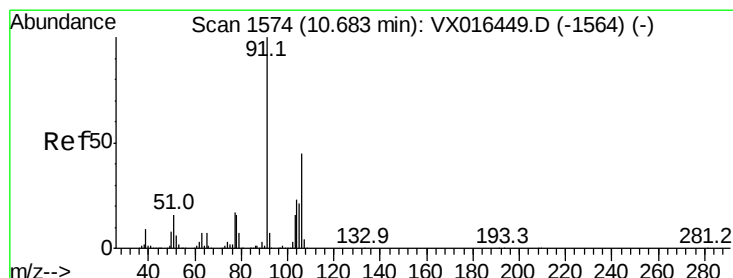
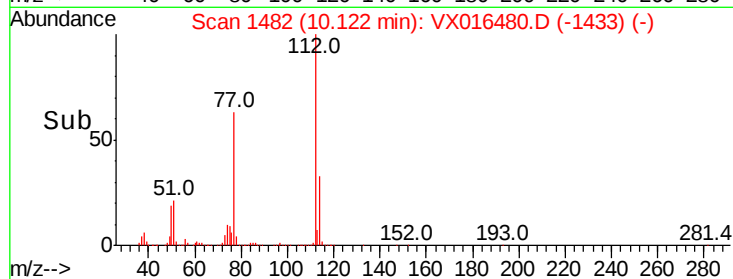
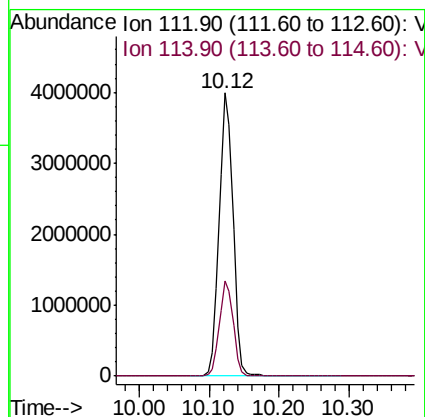
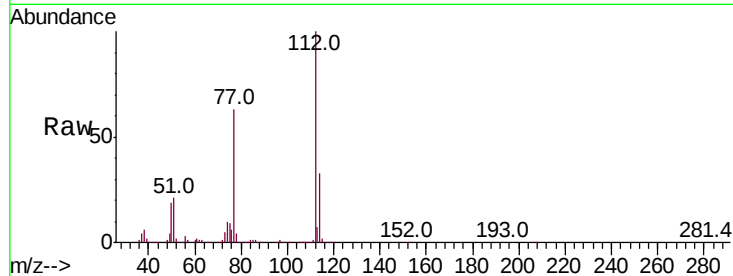




#65
Chlorobenzene
Concen: 525.552 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016480.D
Acq: 28 May 2020 13:15

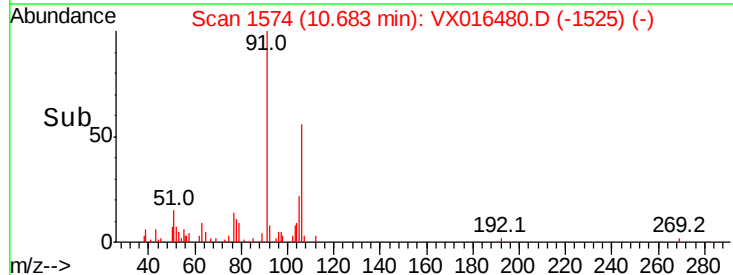
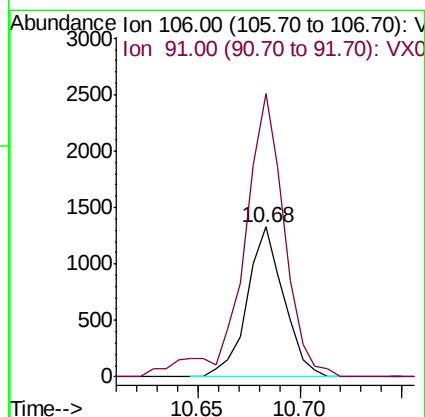
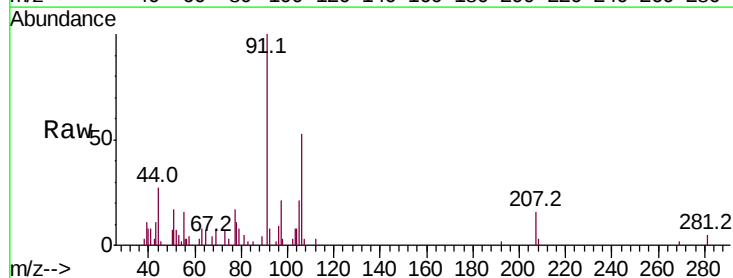
Instrument :
MSVOA_X
ClientSampleId :
Z2-DUP-0558-200520

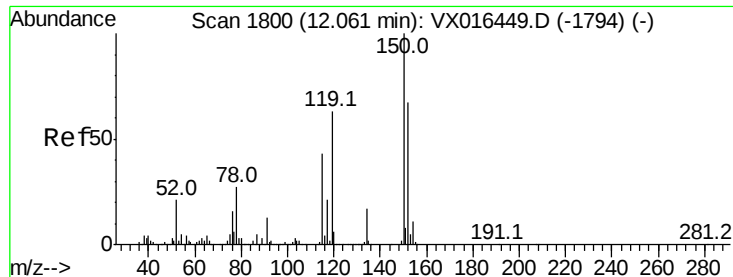
Tot Ion:112 Resp: 5515089
Ion Ratio Lower Upper
112 100
114 33.5 26.0 39.0



#69
o-Xylene
Concen: 0.247 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016480.D
Acq: 28 May 2020 13:15

Tgt Ion:106 Resp: 1660
Ion Ratio Lower Upper
106 100
91 210.5 109.6 328.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016480.D

Acq: 28 May 2020 13:15

Instrument :

MSVOA_X

ClientSampleId :

Z2-DUP-0558-200520

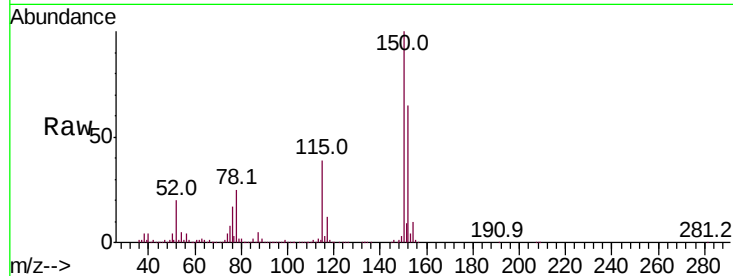
Tot Ion:152 Resp: 258003

Ion Ratio Lower Upper

152 100

115 59.4 39.9 119.6

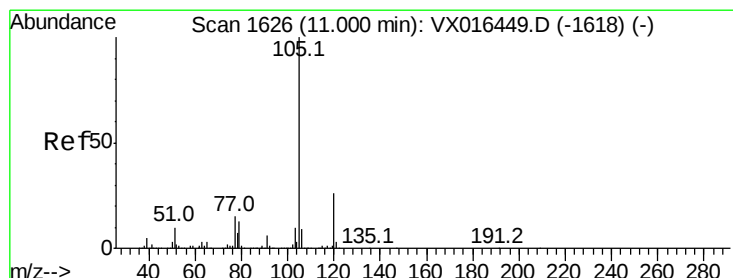
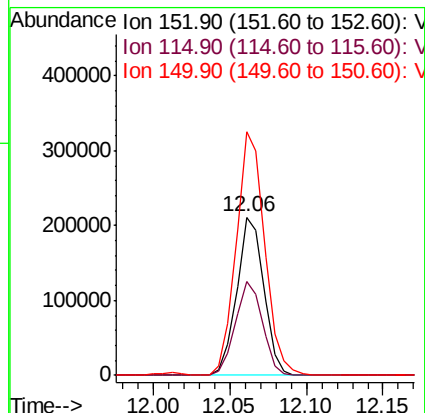
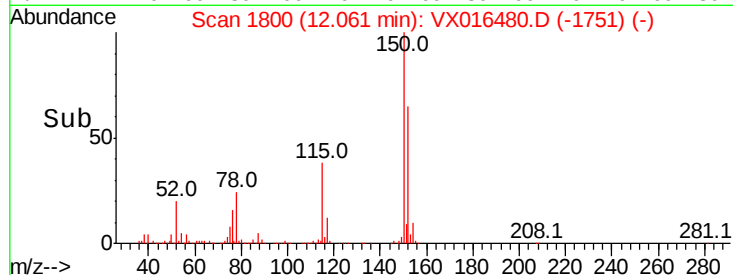
150 162.0 0.0 341.0



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: 0.215 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX016480.D

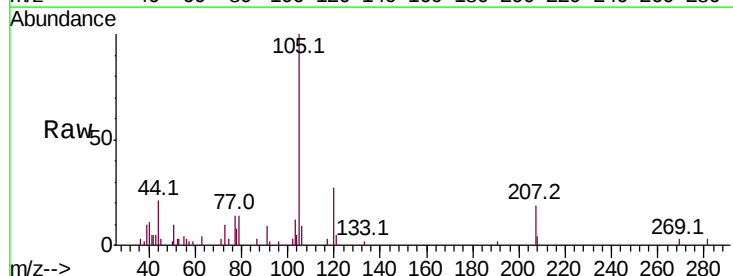
Acq: 28 May 2020 13:15

Tgt Ion:105 Resp: 3849

Ion Ratio Lower Upper

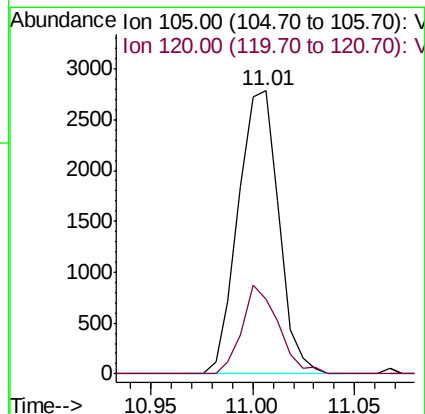
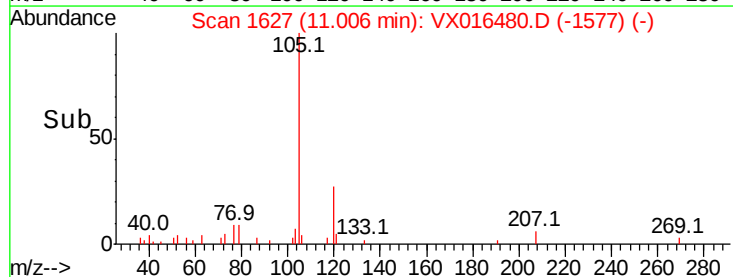
105 100

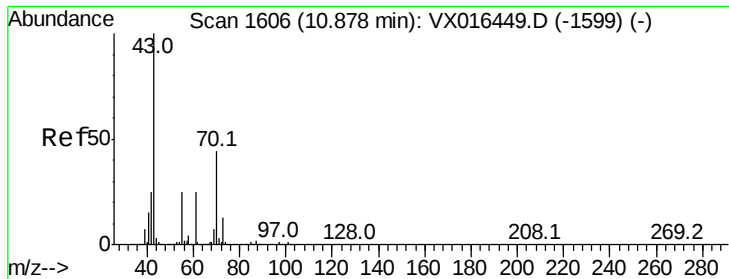
120 27.8 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.218 ug/l

RT: 10.92 min Scan# 1613

Delta R.T. 0.04 min

Lab File: VX016480.D

Acq: 28 May 2020 13:15

Instrument :

MSVOA_X

ClientSampleId :

Z2-DUP-0558-200520

Tot Ion: 43 Resp: 1793

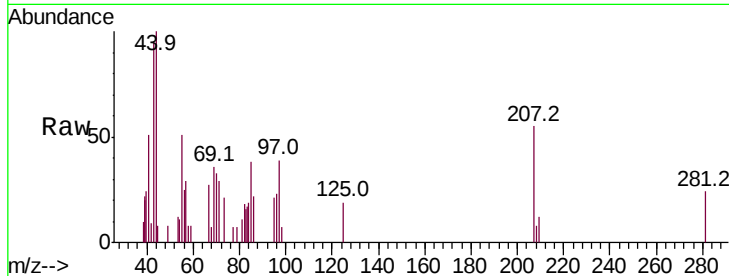
Ion Ratio Lower Upper

43 100

70 0.0 36.1 54.1#

55 92.4 20.2 30.4#

61 0.0 20.3 30.5#



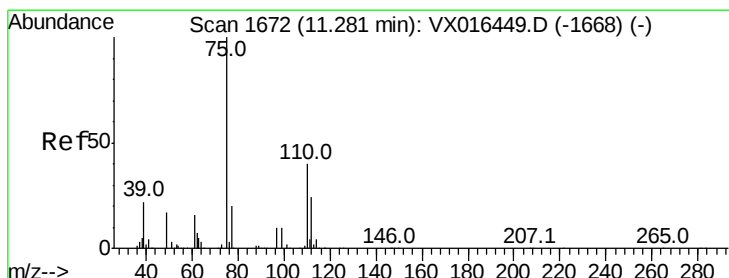
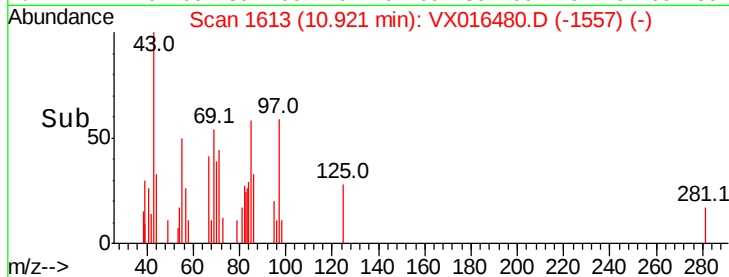
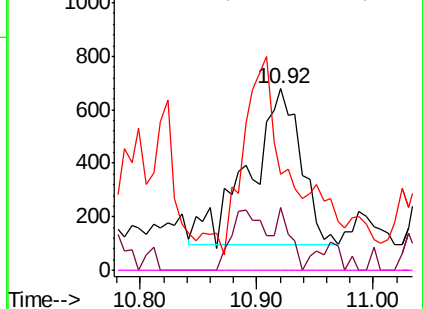
Abundance

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: 22.222 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016480.D

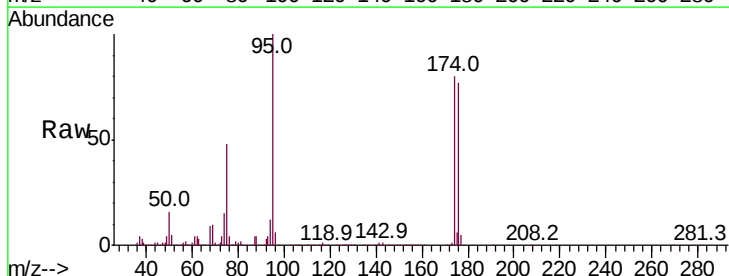
Acq: 28 May 2020 13:15

Tgt Ion: 75 Resp: 126023

Ion Ratio Lower Upper

75 100

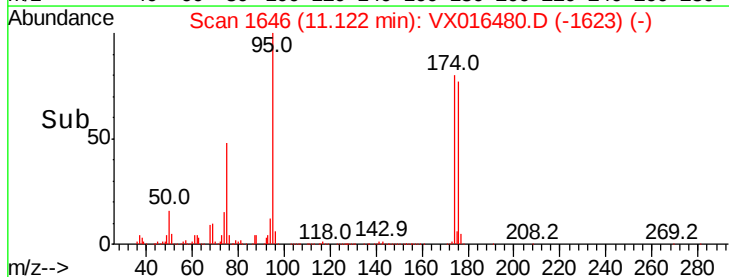
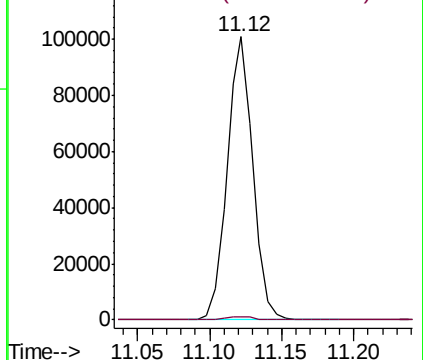
77 1.2 21.3 63.7#

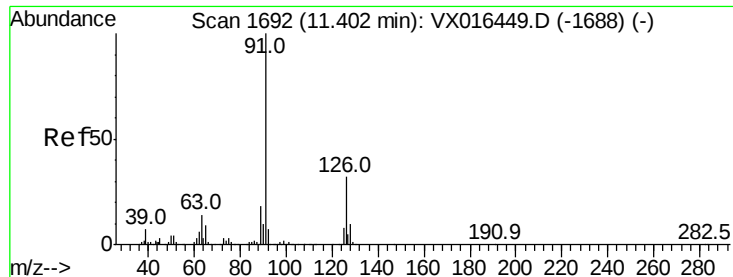


Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

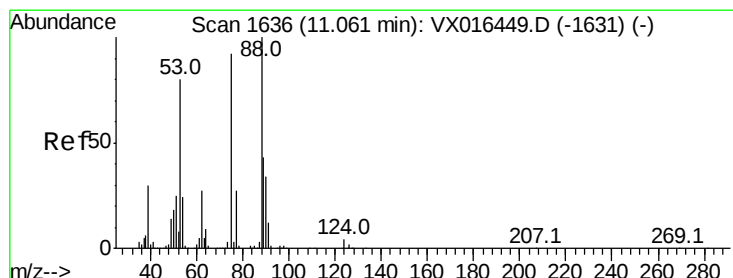
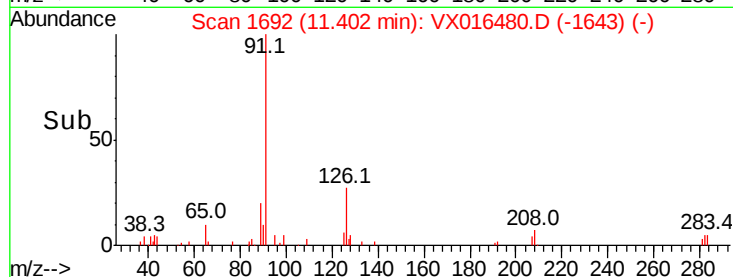
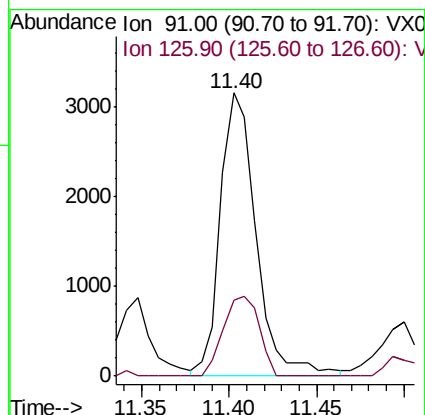
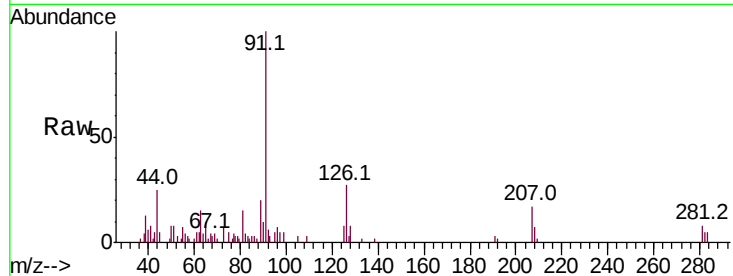




#79
2-Chlorotoluene
Concen: 0.371 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX016480.D
Acq: 28 May 2020 13:15

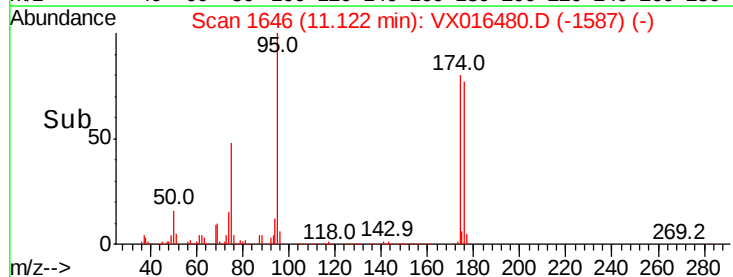
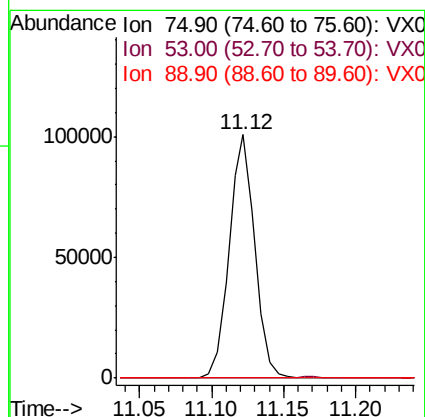
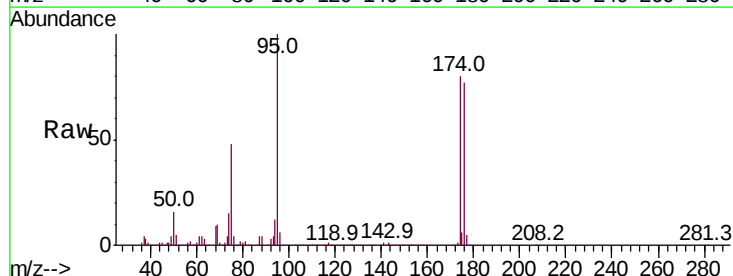
Instrument :
MSVOA_X
ClientSampleId :
Z2-DUP-0558-200520

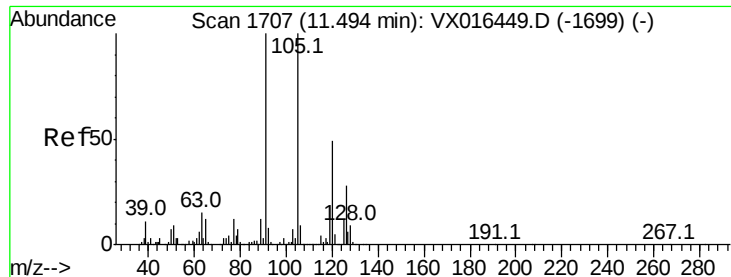
Tot Ion: 91 Resp: 4519
Ion Ratio Lower Upper
91 100
126 28.2 16.8 50.3



#81
trans-1,4-Dichloro-2-butene
Concen: 54.663 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.06 min
Lab File: VX016480.D
Acq: 28 May 2020 13:15

Tgt Ion: 75 Resp: 126023
Ion Ratio Lower Upper
75 100
53 0.0 71.3 106.9#
89 0.0 36.6 55.0#





#82

4-Chlorotoluene

Concen: 0.297 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.09 min

Lab File: VX016480.D

Acq: 28 May 2020 13:15

Instrument :

MSVOA_X

ClientSampleId :

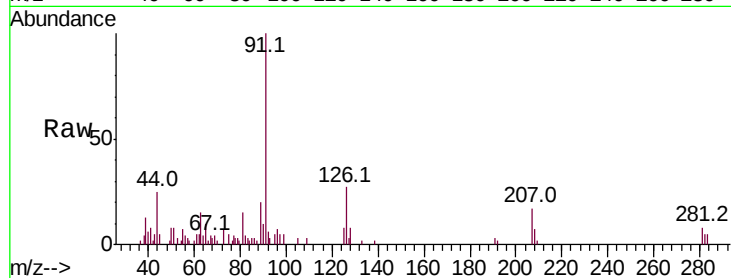
Z2-DUP-0558-200520

Tot Ion: 91 Resp: 4273

Ion Ratio Lower Upper

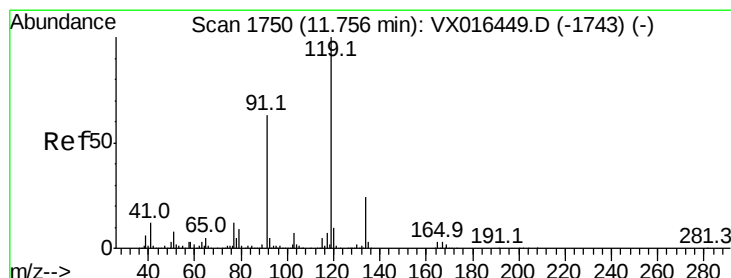
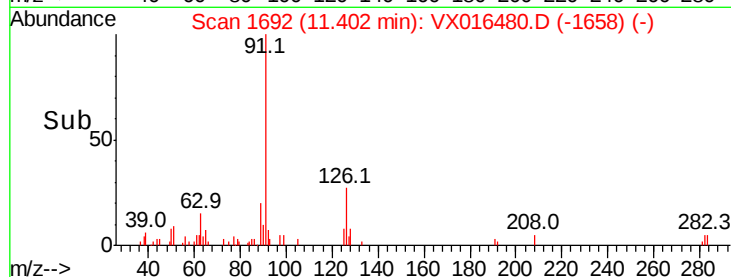
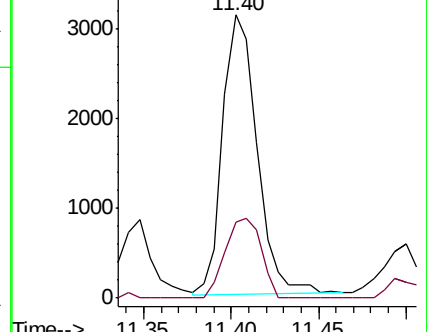
91 100

126 29.8 14.7 44.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#83

tert-Butylbenzene

Concen: 6.296 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016480.D

Acq: 28 May 2020 13:15

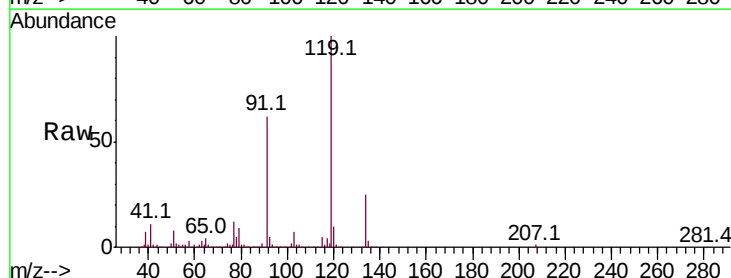
Tgt Ion: 119 Resp: 80295

Ion Ratio Lower Upper

119 100

91 65.6 31.3 93.8

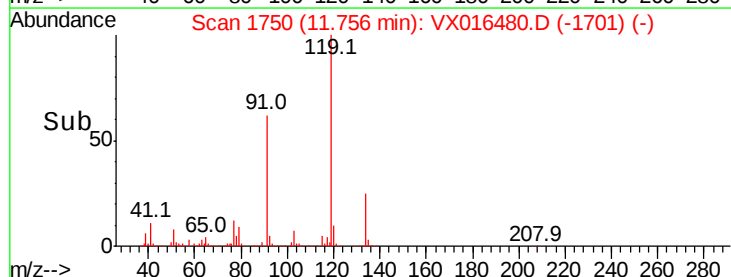
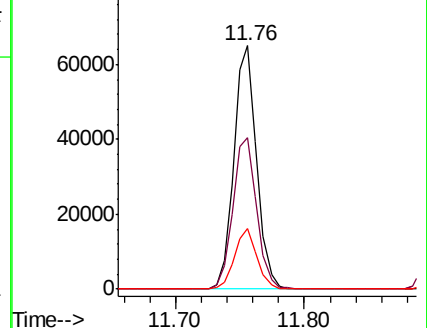
134 24.4 12.0 36.0

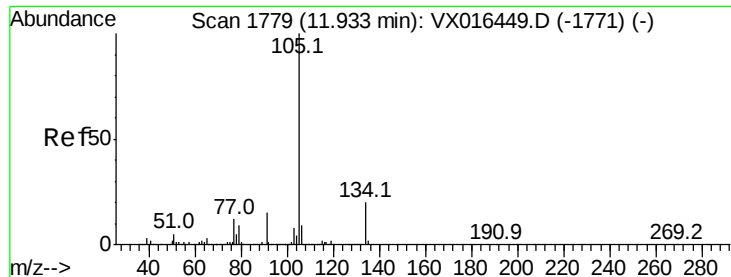


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V





#85

sec-Butylbenzene

Concen: 1.489 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016480.D

Acq: 28 May 2020 13:15

Instrument :

MSVOA_X

ClientSampleId :

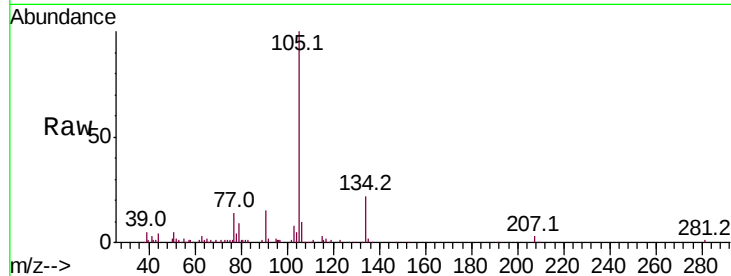
Z2-DUP-0558-200520

Tot Ion:105 Resp: 23826

Ion Ratio Lower Upper

105 100

134 0.0 10.1 30.3#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

20000

15000

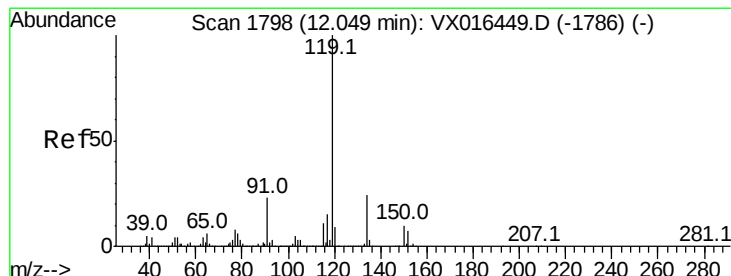
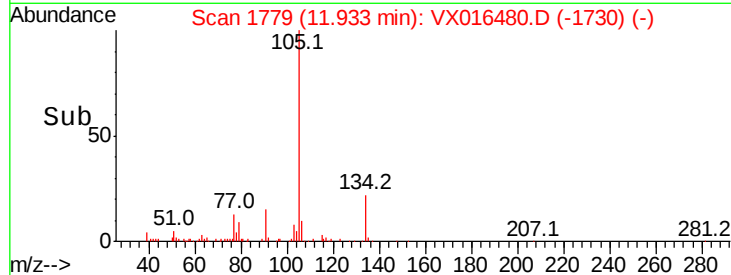
10000

5000

0

11.85 11.90 11.95 12.00

Time-->



#86

p-Isopropyltoluene

Concen: 4.031 ug/l

RT: 12.22 min Scan# 1826

Delta R.T. 0.17 min

Lab File: VX016480.D

Acq: 28 May 2020 13:15

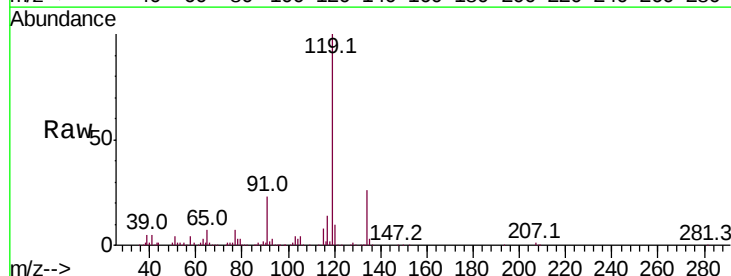
Tgt Ion:119 Resp: 60421

Ion Ratio Lower Upper

119 100

134 27.5 12.7 38.0

91 25.1 11.7 35.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.22

60000

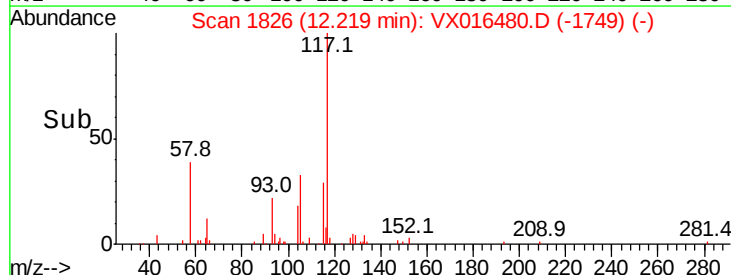
40000

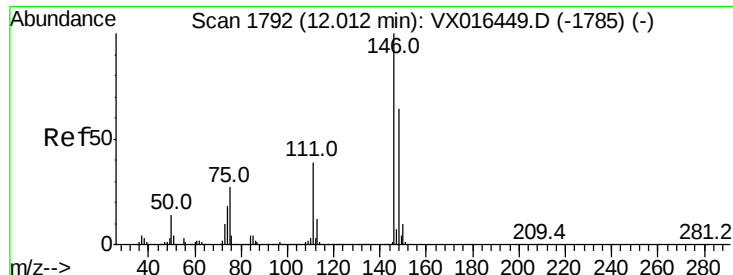
20000

0

12.15 12.20 12.25

Time-->





#87

1,3-Dichlorobenzene

Concen: 5.130 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

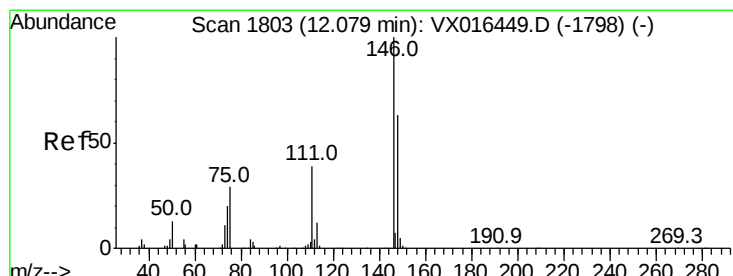
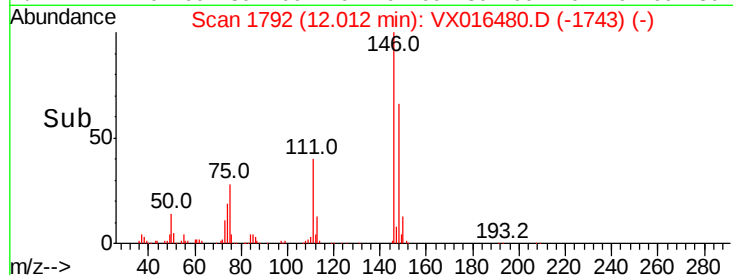
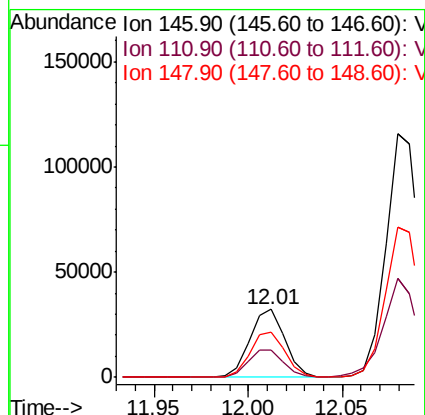
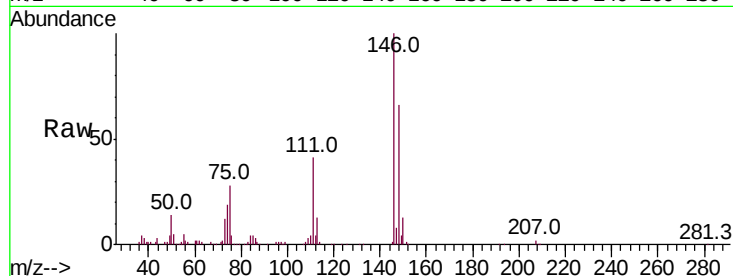
Lab File: VX016480.D

Acq: 28 May 2020 13:15

Instrument :
MSVOA_X
ClientSampleId :
Z2-DUP-0558-200520

Tot Ion:146 Resp: 41670

Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.0	60.0
148	66.8	31.9	95.5



#88

1,4-Dichlorobenzene

Concen: 17.533 ug/l

RT: 12.08 min Scan# 1803

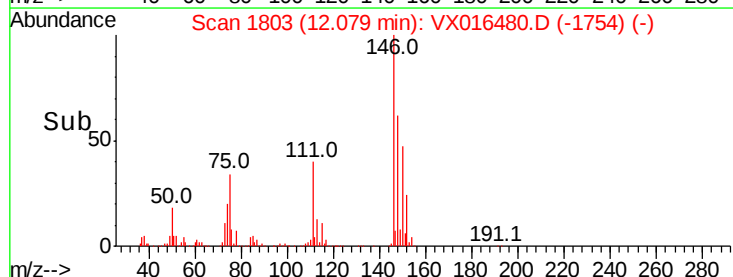
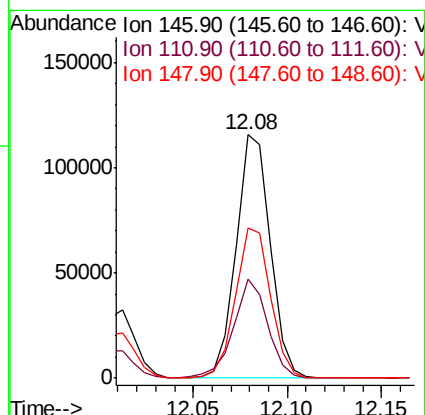
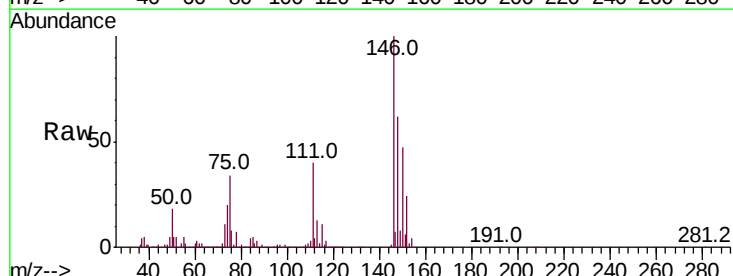
Delta R.T. -0.00 min

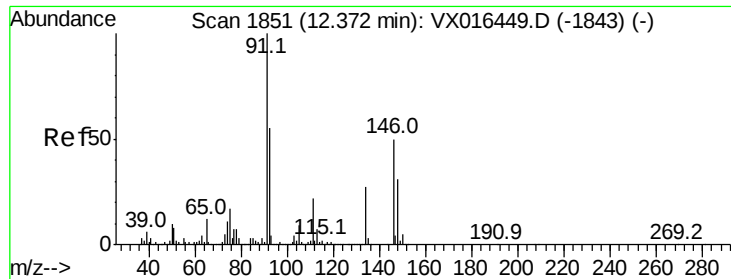
Lab File: VX016480.D

Acq: 28 May 2020 13:15

Tgt Ion:146 Resp: 145662

Ion	Ratio	Lower	Upper
146	100		
111	40.7	19.4	58.2
148	63.4	31.4	94.3





#89

n-Butylbenzene

Concen: 0.353 ug/l

RT: 12.35 min Scan# 1848

Delta R.T. -0.02 min

Lab File: VX016480.D

Acq: 28 May 2020 13:15

Instrument :

MSVOA_X

ClientSampleId :

Z2-DUP-0558-200520

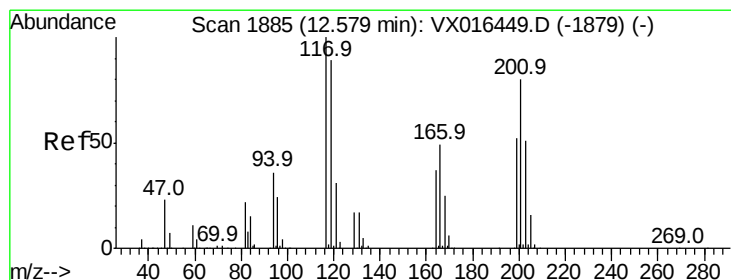
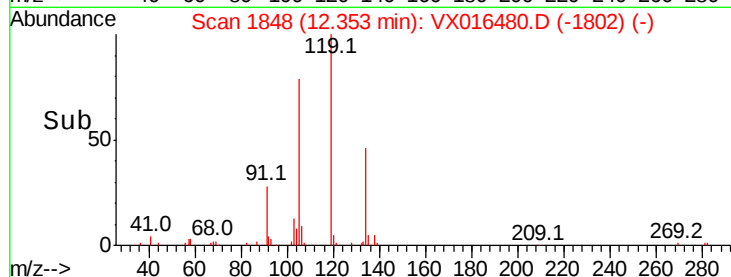
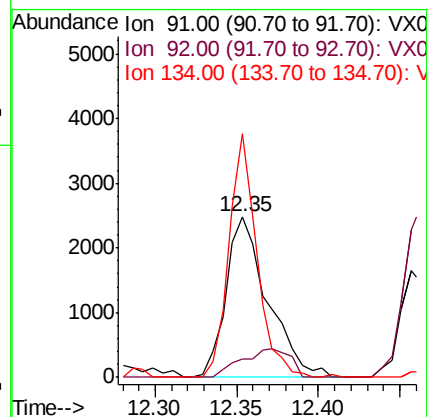
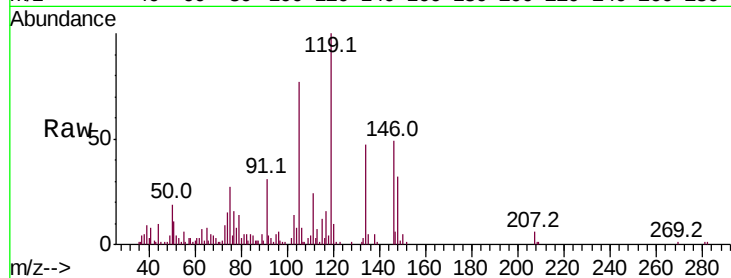
Tot Ion: 91 Resp: 4405

Ion Ratio Lower Upper

91 100

92 20.8 27.2 81.5#

134 101.2 13.1 39.3#



#90

Hexachloroethane

Concen: 0.272 ug/l

RT: 12.63 min Scan# 1893

Delta R.T. 0.05 min

Lab File: VX016480.D

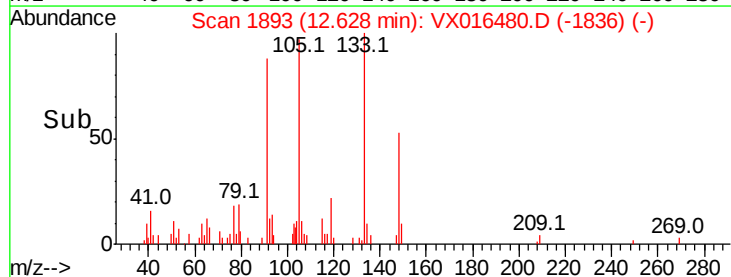
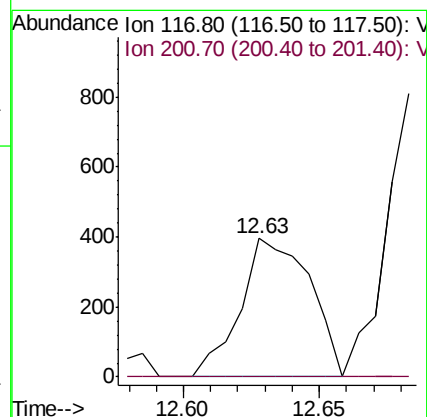
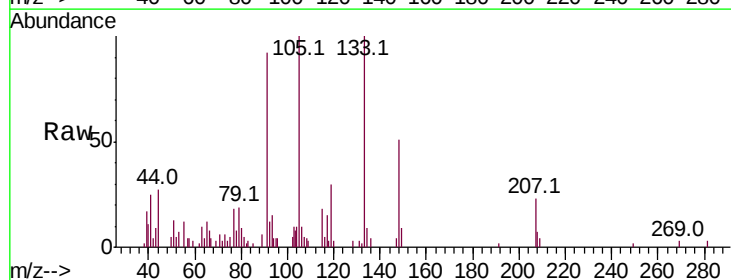
Acq: 28 May 2020 13:15

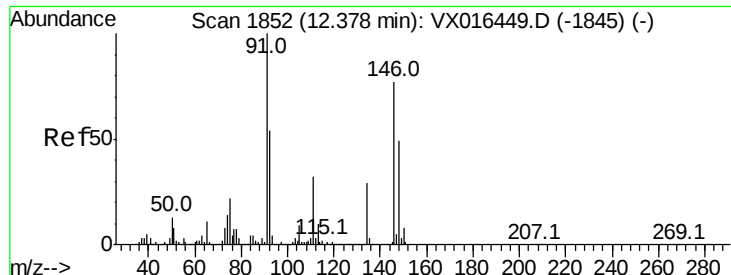
Tgt Ion: 117 Resp: 705

Ion Ratio Lower Upper

117 100

201 0.0 43.1 129.3#





#91

1,2-Dichlorobenzene

Concen: 30.955 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016480.D

Acq: 28 May 2020 13:15

Instrument :

MSVOA_X

ClientSampleId :

Z2-DUP-0558-200520

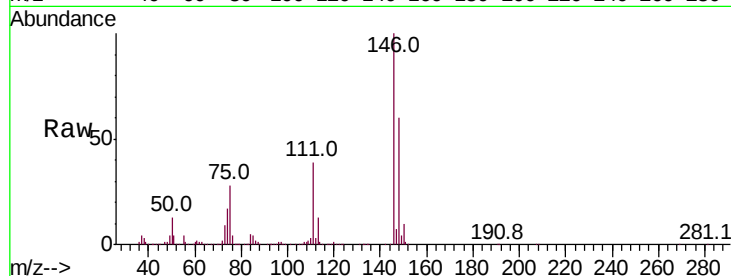
Tot Ion:146 Resp: 243616

Ion Ratio Lower Upper

146 100

111 41.4 21.4 64.3

148 62.9 31.9 95.7



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

