

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052120\
 Data File : VX016385.D
 Acq On : 21 May 2020 15:49
 Operator : JC/SP
 Sample : L2684-03 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 22 09:18:58 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	221617	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	365561	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	365678	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	201783	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	127124	43.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.18%	
35) Dibromofluoromethane	5.46	113	109497	47.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.56%	
50) Toluene-d8	8.70	98	449273	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	
62) 4-Bromofluorobenzene	11.12	95	192697	56.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.54%	

Target Compounds						Qvalue
5) Bromomethane	1.62	94	724	0.494	ug/l #	62
13) Acrolein	2.23	56	966	2.093	ug/l #	1
14) Allyl chloride	2.75	41	6376	1.509	ug/l #	66
15) Acrylonitrile	3.14	53	2095	1.369	ug/l #	44
16) Acetone	2.43	43	1907	1.466	ug/l	93
17) Carbon Disulfide	2.54	76	802	Below Cal	#	83
18) Methyl Acetate	2.74	43	4362	1.363	ug/l #	53
20) Methylene Chloride	2.83	84	1556	0.580	ug/l #	81
23) Vinyl Acetate	3.78	43	2604	0.371	ug/l #	71
25) 2-Butanone	4.65	43	1670	0.796	ug/l #	48
29) Tetrahydrofuran	5.11	42	597	0.430	ug/l #	59
30) Chloroform	5.24	83	5235	1.179	ug/l #	18
31) Cyclohexane	5.54	56	44181	10.905	ug/l	99
36) 1,1-Dichloropropene	5.63	75	15294	4.250	ug/l #	49
38) Carbon Tetrachloride	5.62	117	21352	5.838	ug/l #	14
39) Methylcyclohexane	7.44	83	25057	5.782	ug/l	96
43) Isopropyl Acetate	6.43	43	1930	0.290	ug/l #	59
48) Methyl methacrylate	7.71	41	2405	0.763	ug/l #	61
52) Toluene	8.77	92	6949	1.059	ug/l	98
55) 1,1,2-Trichloroethane	9.15	97	976	0.378	ug/l #	30
67) Ethyl Benzene	10.24	91	539259	39.472	ug/l	99
68) m/p-Xylenes	10.34	106	638496	124.741	ug/l	99
69) o-Xylene	10.68	106	101001	20.528	ug/l	100
70) Styrene	10.68	104	5363	0.642	ug/l #	1
73) Isopropylbenzene	11.01	105	143359	9.768	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.35	83	22	2.057	ug/l #	1
76) 1,2,3-Trichloropropane	11.35	75	2900	0.633	ug/l #	1
78) n-propylbenzene	11.35	91	473544	27.735	ug/l	100
79) 2-Chlorotoluene	11.42	91	148876	14.772	ug/l #	41
80) 1,3,5-Trimethylbenzene	11.49	105	348898	28.156	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.12	75	91142	47.434	ug/l #	13
82) 4-Chlorotoluene	11.49	91	36184	3.040	ug/l #	46
83) tert-Butylbenzene	11.79	119	197755	18.518	ug/l #	72
84) 1,2,4-Trimethylbenzene	11.79	105	1600122	127.723	ug/l	100

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Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration

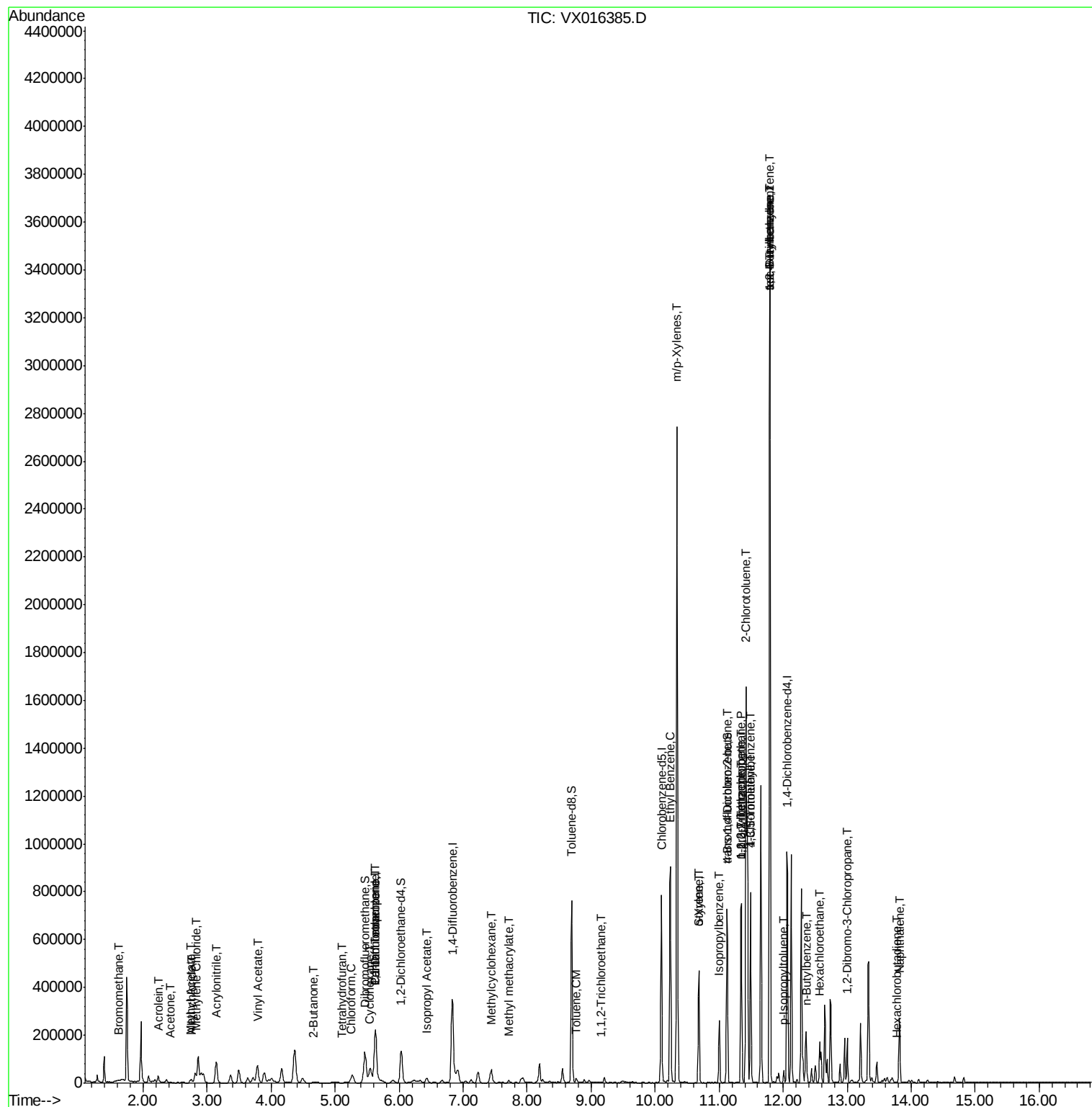
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	11.79	105	1600122	110.974	ug/l #	56
86) p-Isopropyltoluene	12.01	119	22958	1.715	ug/l	96
89) n-Butylbenzene	12.37	91	35300	2.886	ug/l #	32
90) Hexachloroethane	12.57	117	7927	3.448	ug/l #	10
92) 1,2-Dibromo-3-Chloropropan	13.00	75	580	0.481	ug/l #	1
94) Hexachlorobutadiene	13.77	225	89	0.566	ug/l #	67
95) Naphthalene	13.82	128	163503	10.413	ug/l	100

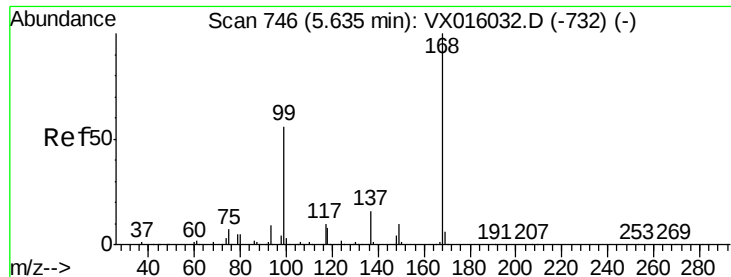
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX016385.D

Acq: 21 May 2020 15:49

Instrument :

MSVOA_X

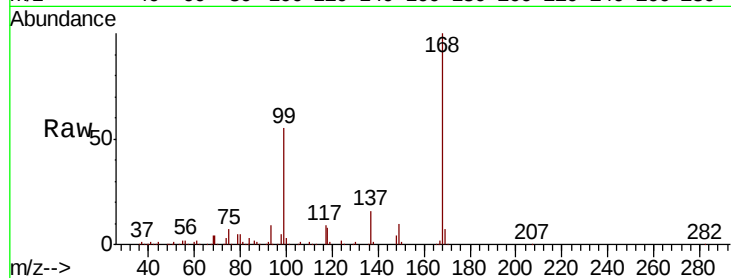
ClientSampleId :

Tot Ion:168 Resp: 221617

Ion Ratio Lower Upper

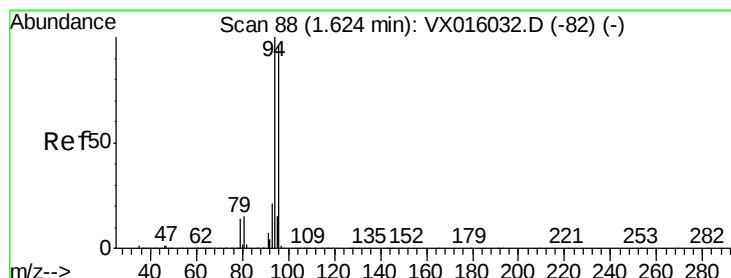
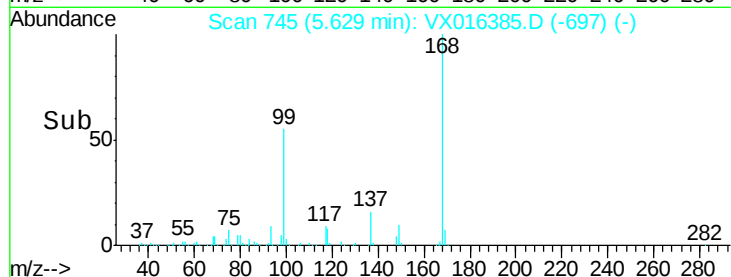
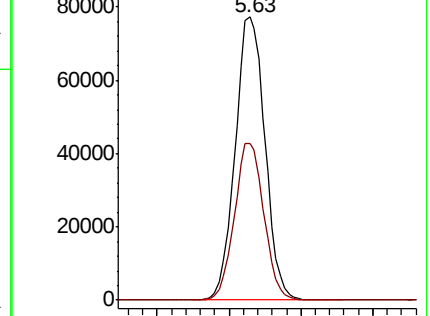
168 100

99 55.4 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: 0.494 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016385.D

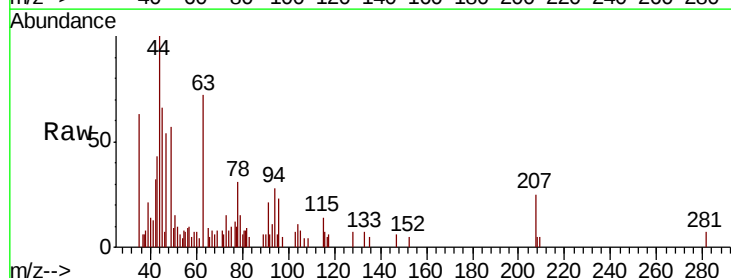
Acq: 21 May 2020 15:49

Tgt Ion: 94 Resp: 724

Ion Ratio Lower Upper

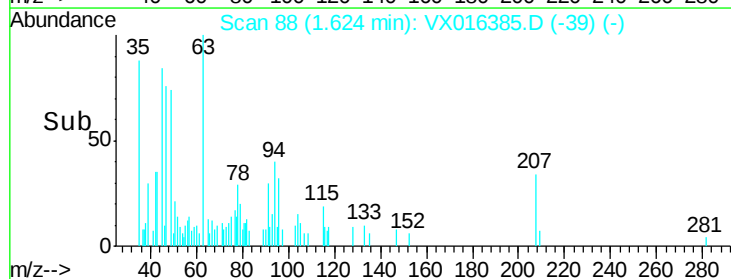
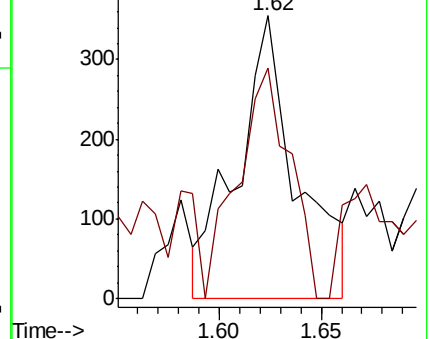
94 100

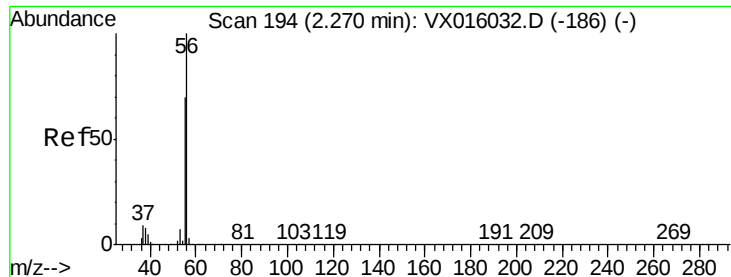
96 59.1 76.9 115.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#13

Acrolein

Concen: 2.093 ug/l

RT: 2.23 min Scan# 188

Delta R.T. -0.04 min

Lab File: VX016385.D

Acq: 21 May 2020 15:49

Instrument :

MSVOA_X

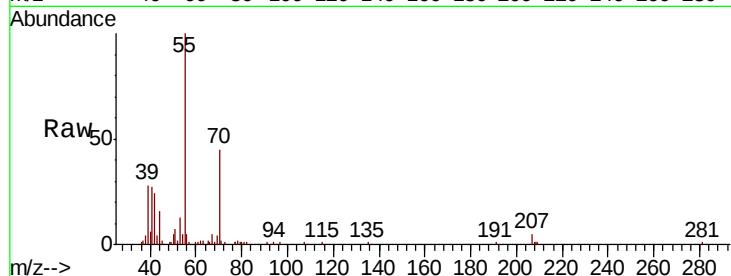
ClientSampled :

Tot Ion: 56 Resp: 966

Ion Ratio Lower Upper

56 100

55 1584.9 56.5 84.7#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

10000

8000

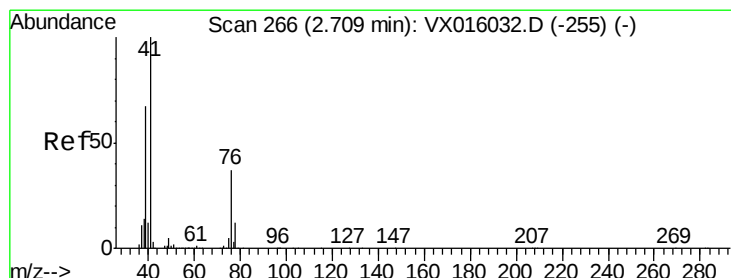
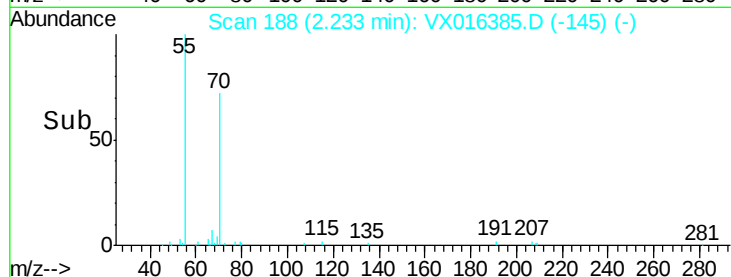
6000

4000

2000

0

Time-->



#14

Allyl chloride

Concen: 1.509 ug/l

RT: 2.75 min Scan# 272

Delta R.T. 0.04 min

Lab File: VX016385.D

Acq: 21 May 2020 15:49

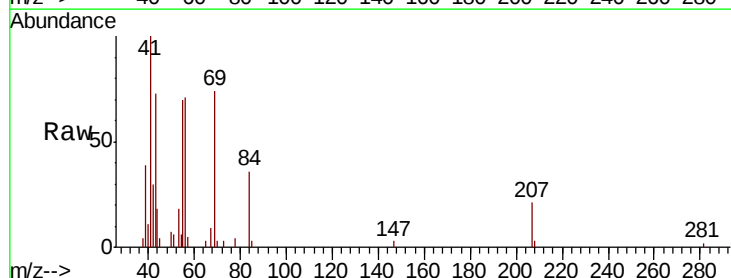
Tgt Ion: 41 Resp: 6376

Ion Ratio Lower Upper

41 100

39 46.3 50.5 75.7#

76 0.0 26.6 40.0#



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

6000

5000

4000

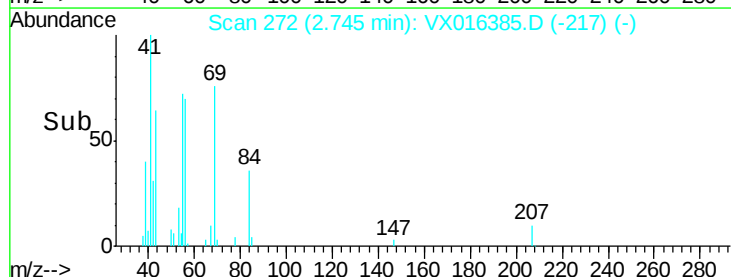
3000

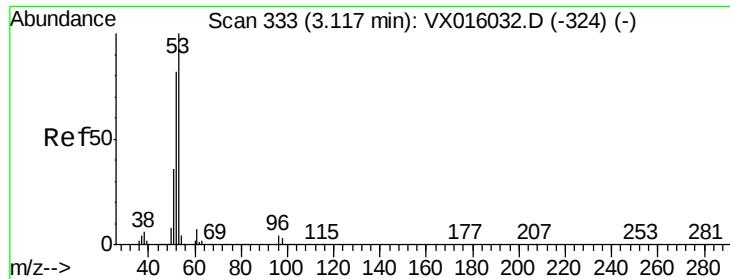
2000

1000

0

Time-->





#15

Acrylonitrile

Concen: 1.369 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.02 min

Lab File: VX016385.D

Acq: 21 May 2020 15:49

Instrument :

MSVOA_X

ClientSampleId :

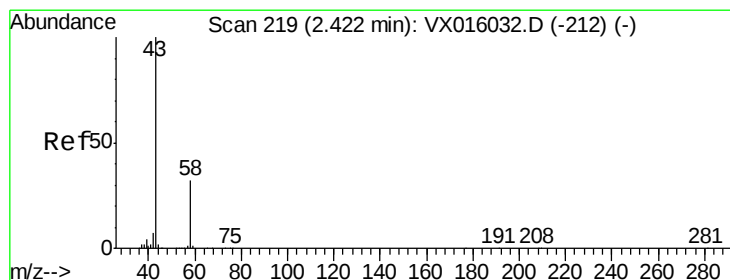
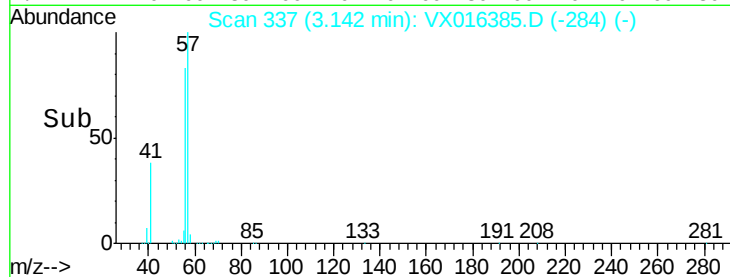
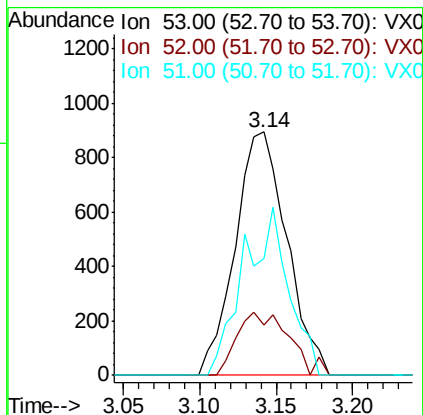
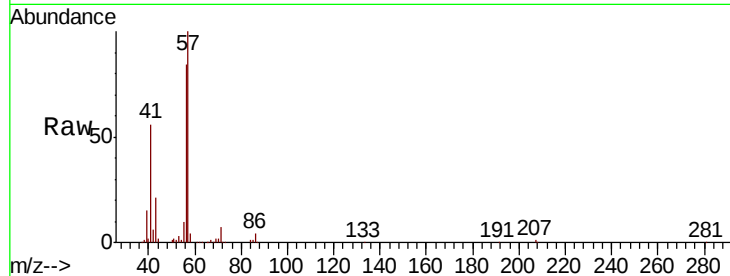
Tot Ion: 53 Resp: 2095

Ion Ratio Lower Upper

53 100

52 26.1 66.1 99.1#

51 60.3 28.8 43.2#



#16

Acetone

Concen: 1.466 ug/l

RT: 2.43 min Scan# 220

Delta R.T. 0.01 min

Lab File: VX016385.D

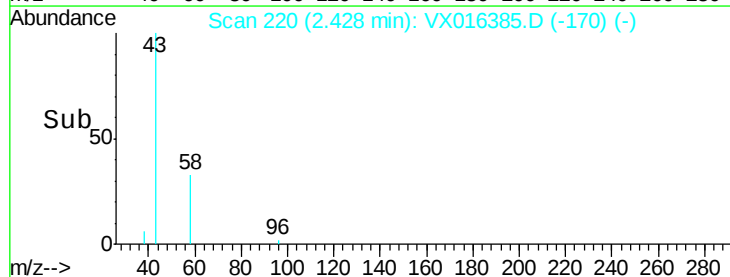
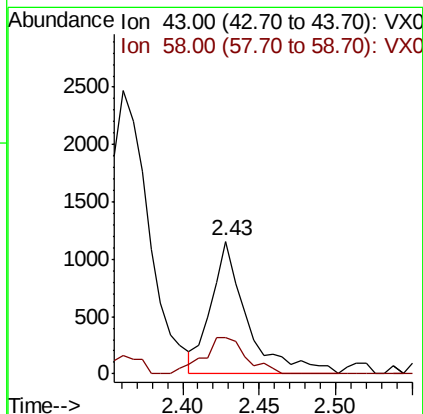
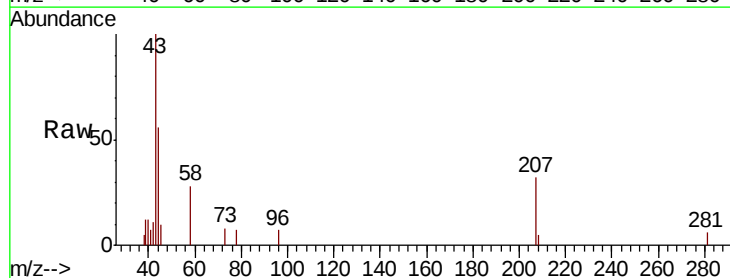
Acq: 21 May 2020 15:49

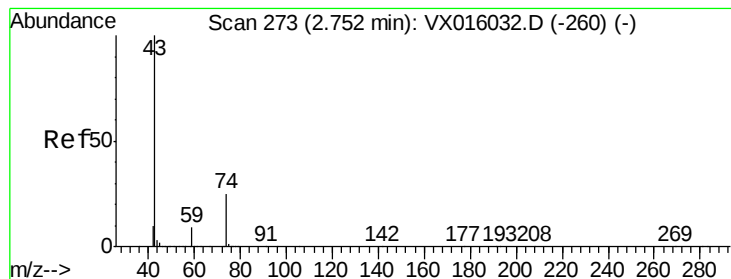
Tgt Ion: 43 Resp: 1907

Ion Ratio Lower Upper

43 100

58 27.5 25.4 38.0





#18

Methyl Acetate

Concen: 1.363 ug/l

RT: 2.74 min Scan# 271

Delta R.T. -0.01 min

Lab File: VX016385.D

Acq: 21 May 2020 15:49

Instrument :

MSVOA_X

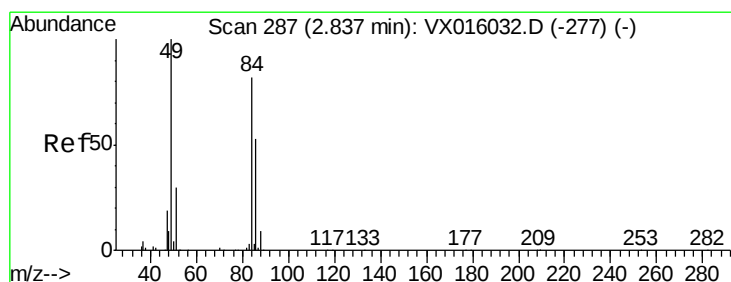
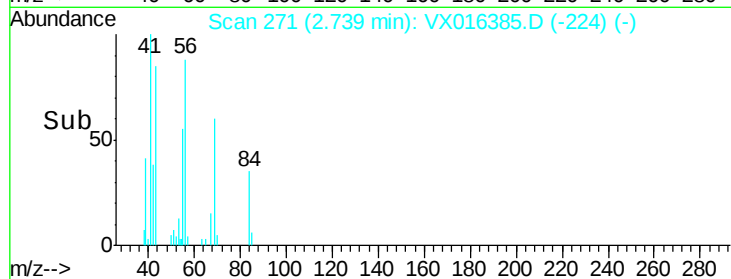
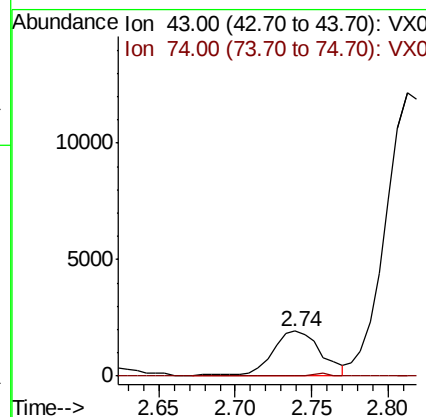
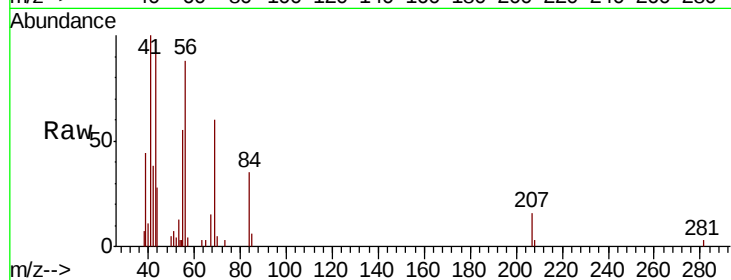
ClientSampled :

Tot Ion: 43 Resp: 4362

Ion Ratio Lower Upper

43 100

74 1.6 20.2 30.2#



#20

Methylene Chloride

Concen: 0.580 ug/l

RT: 2.83 min Scan# 286

Delta R.T. -0.01 min

Lab File: VX016385.D

Acq: 21 May 2020 15:49

Tgt Ion: 84 Resp: 1556

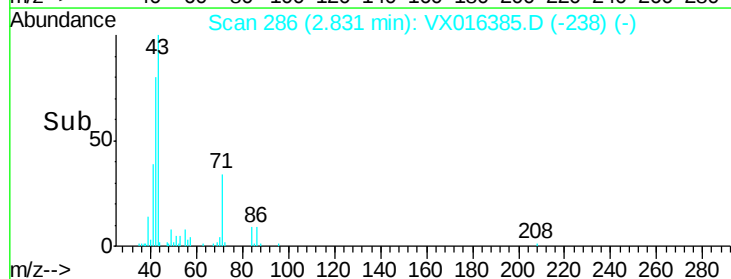
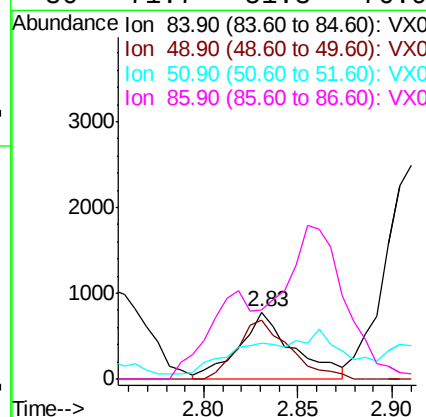
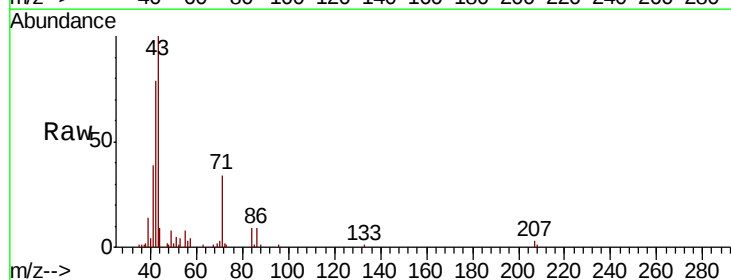
Ion Ratio Lower Upper

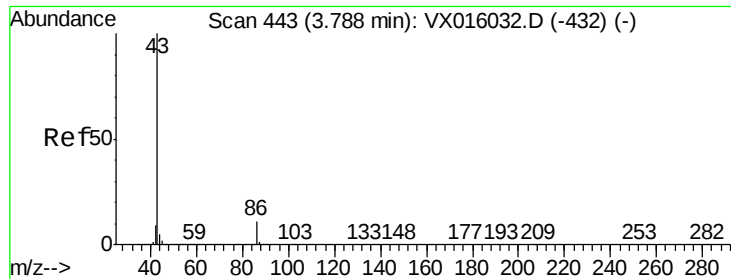
84 100

49 94.9 97.3 145.9#

51 46.4 29.3 43.9#

86 71.7 51.3 76.9





#23

Vinyl Acetate

Concen: 0.371 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016385.D

Acq: 21 May 2020 15:49

Instrument :

MSVOA_X

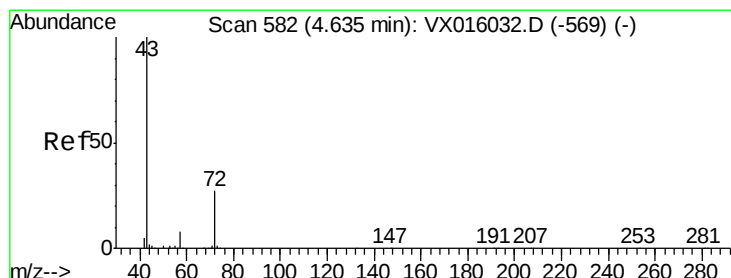
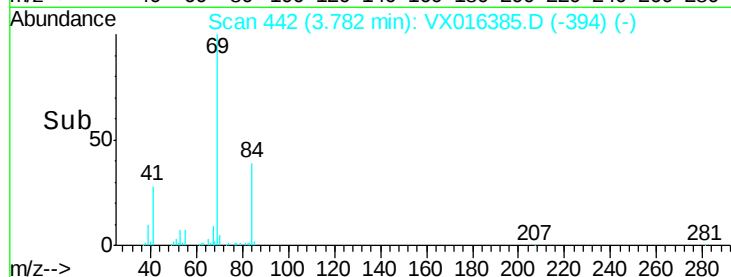
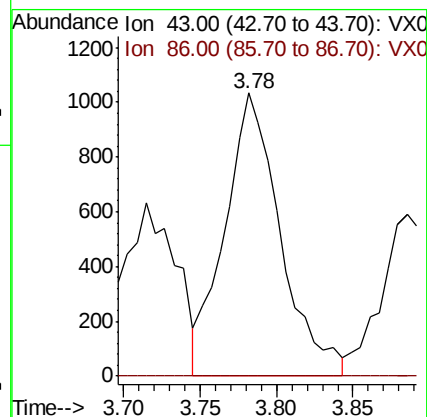
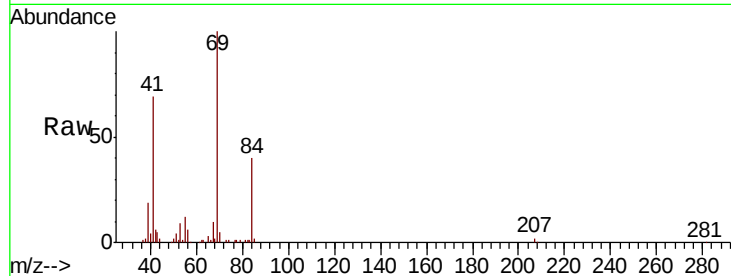
ClientSampleId :

Tot Ion: 43 Resp: 2604

Ion Ratio Lower Upper

43 100

86 0.0 9.0 13.4#



#25

2-Butanone

Concen: 0.796 ug/l

RT: 4.65 min Scan# 585

Delta R.T. 0.02 min

Lab File: VX016385.D

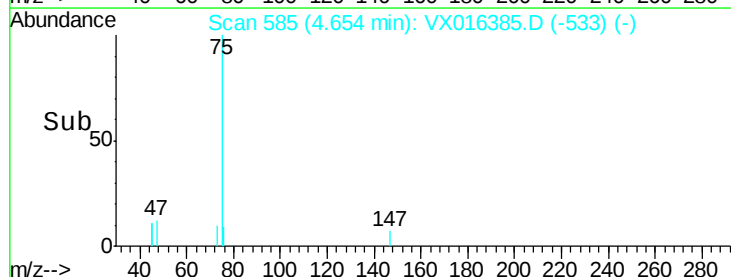
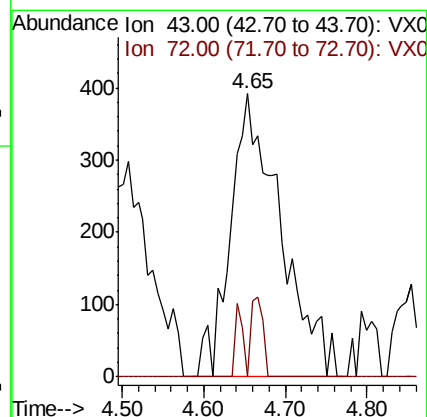
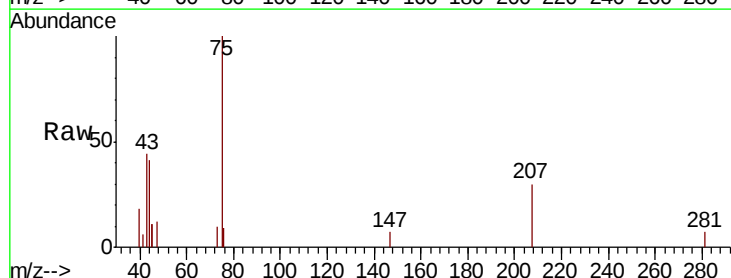
Acq: 21 May 2020 15:49

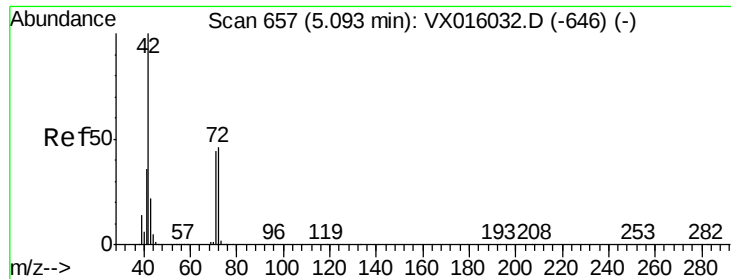
Tgt Ion: 43 Resp: 1670

Ion Ratio Lower Upper

43 100

72 0.0 21.8 32.8#





#29

Tetrahydrofuran

Concen: 0.430 ug/l

RT: 5.11 min Scan# 660

Delta R.T. 0.02 min

Lab File: VX016385.D

Acq: 21 May 2020 15:49

Instrument :

MSVOA_X

ClientSampleId :

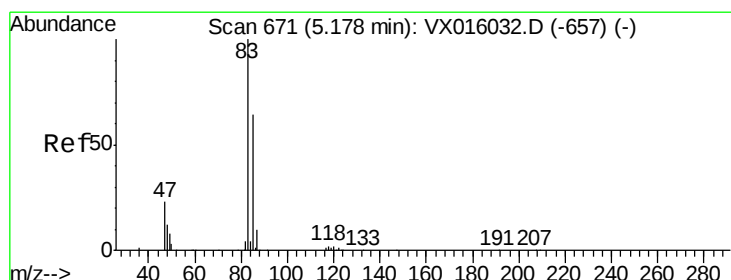
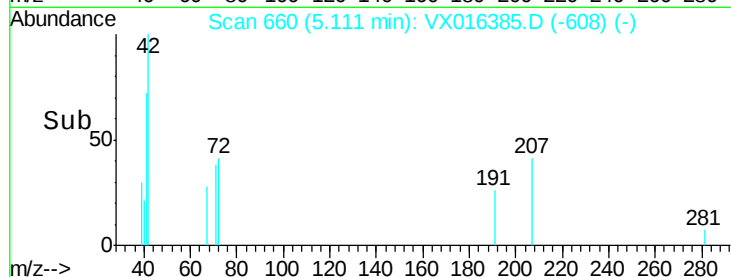
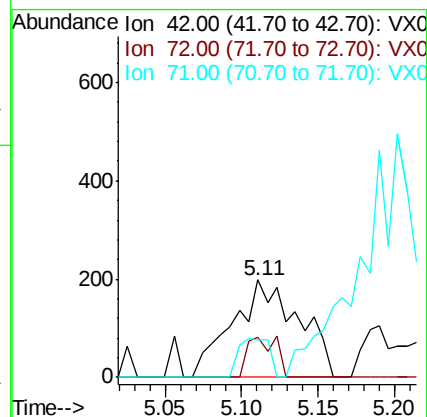
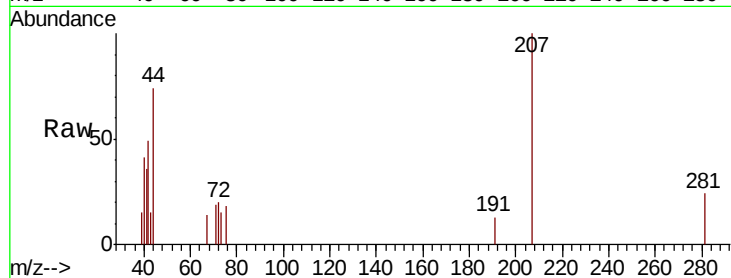
Tot Ion: 42 Resp: 597

Ion Ratio Lower Upper

42 100

72 17.9 37.1 55.7#

71 18.3 34.5 51.7#



#30

Chloroform

Concen: 1.179 ug/l

RT: 5.24 min Scan# 681

Delta R.T. 0.06 min

Lab File: VX016385.D

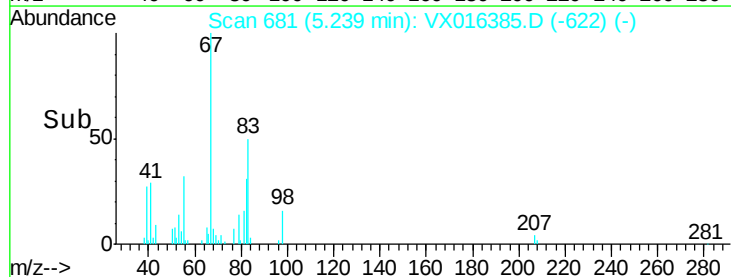
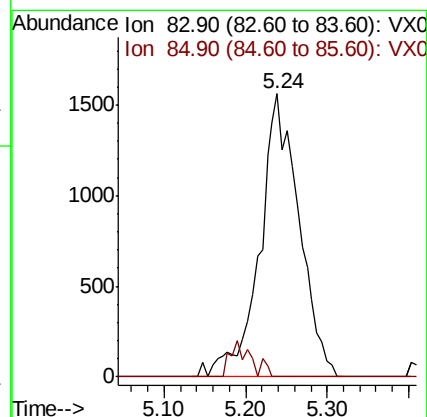
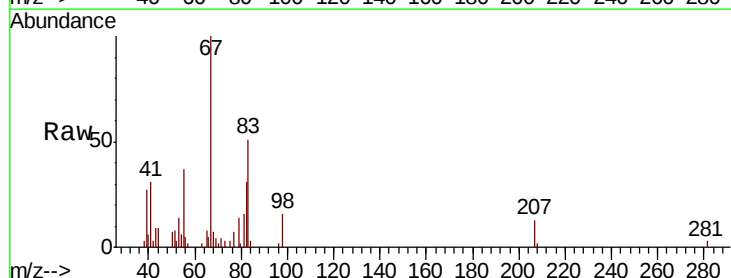
Acq: 21 May 2020 15:49

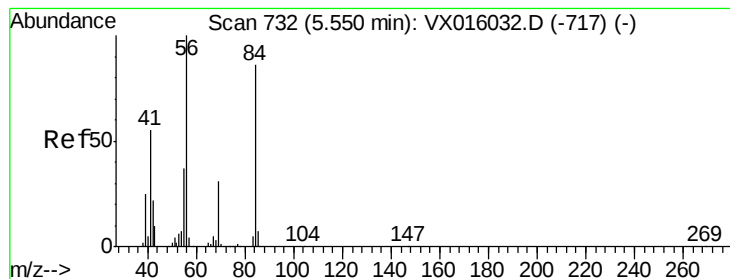
Tgt Ion: 83 Resp: 5235

Ion Ratio Lower Upper

83 100

85 0.0 51.6 77.4#





#31

Cyclohexane

Concen: 10.905 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX016385.D

Acq: 21 May 2020 15:49

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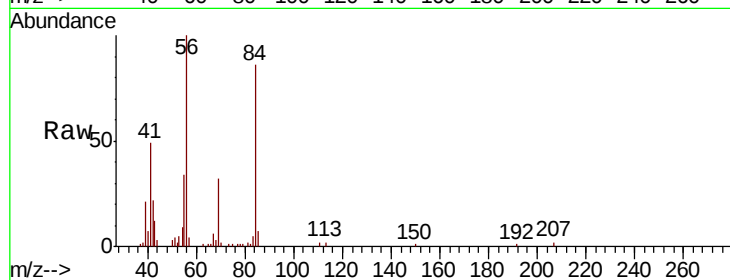
Tot Ion: 56 Resp: 44181

Ion Ratio Lower Upper

56 100

69 29.5 25.0 37.6

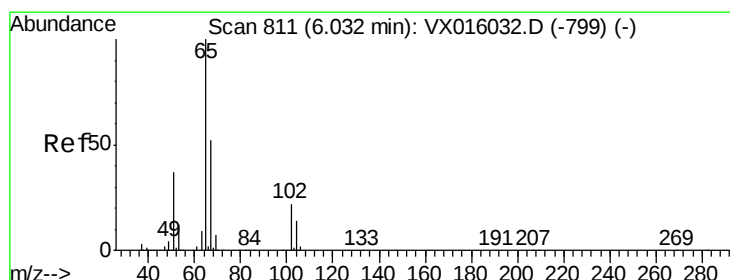
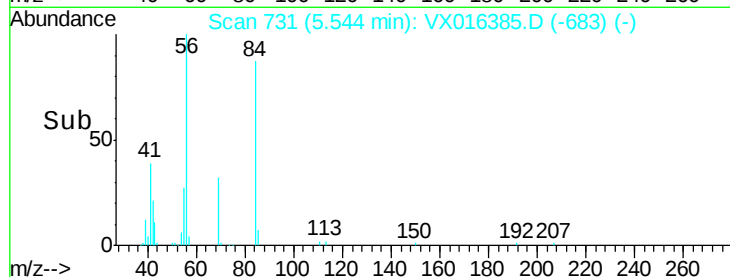
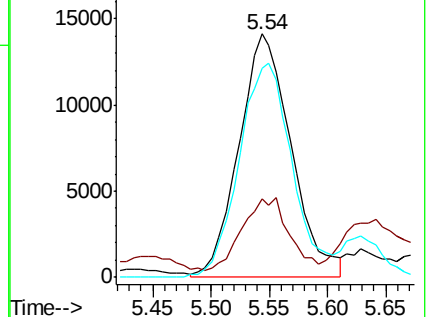
84 86.1 69.0 103.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 43.592 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016385.D

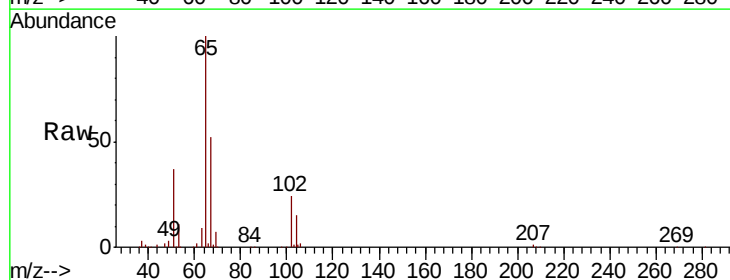
Acq: 21 May 2020 15:49

Tgt Ion: 65 Resp: 127124

Ion Ratio Lower Upper

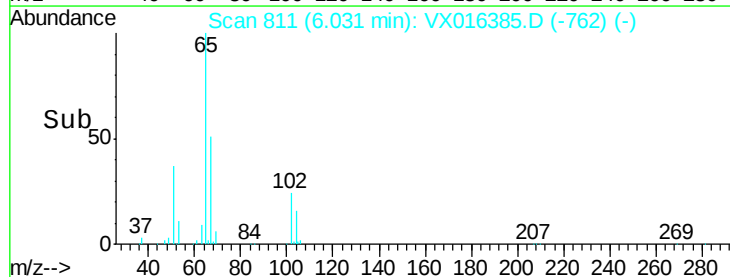
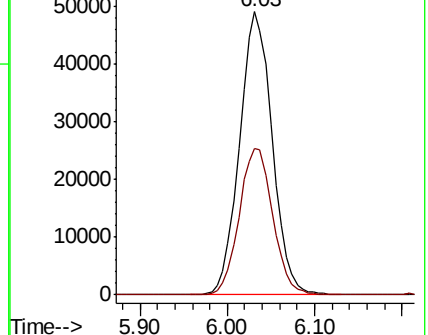
65 100

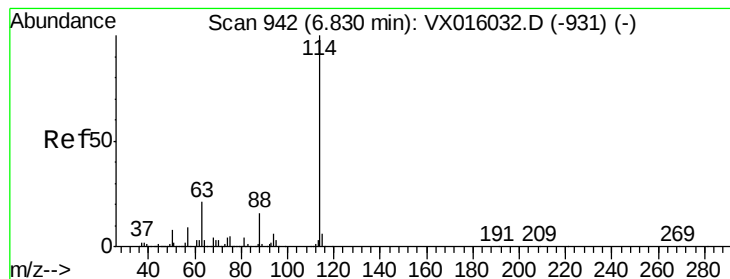
67 53.3 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016385.D

Acq: 21 May 2020 15:49

Instrument :

MSVOA_X

ClientSampleId :

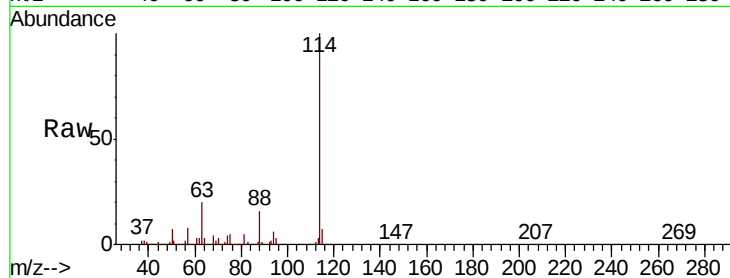
Tot Ion:114 Resp: 365561

Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.8

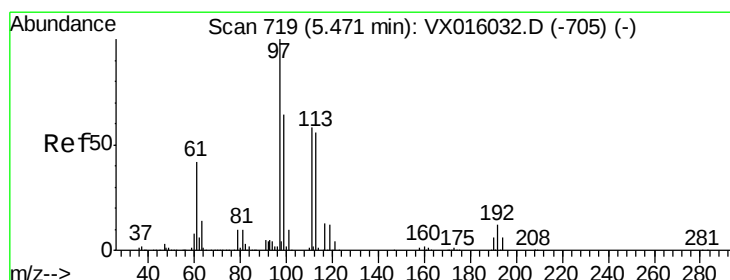
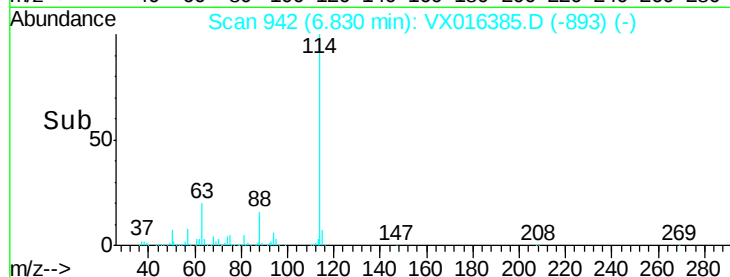
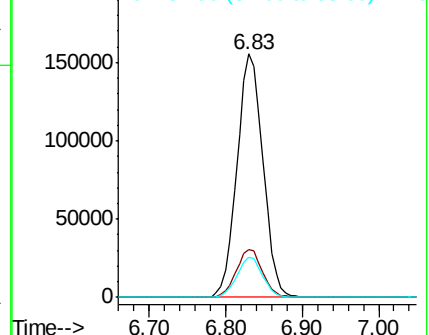
88 16.4 0.0 31.4



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: 47.279 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX016385.D

Acq: 21 May 2020 15:49

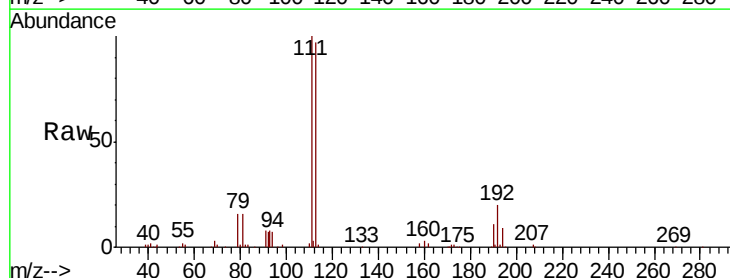
Tgt Ion:113 Resp: 109497

Ion Ratio Lower Upper

113 100

111 101.8 81.6 122.4

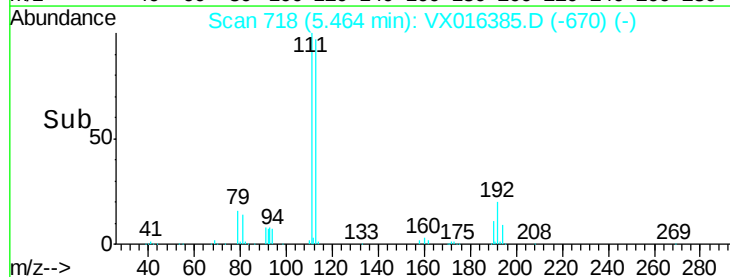
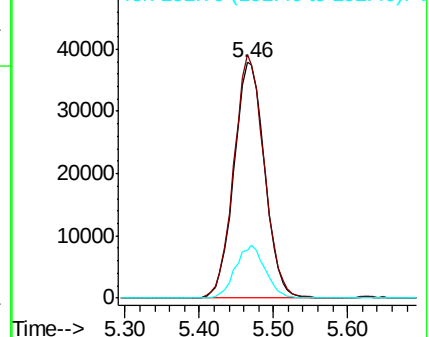
192 21.7 17.0 25.4

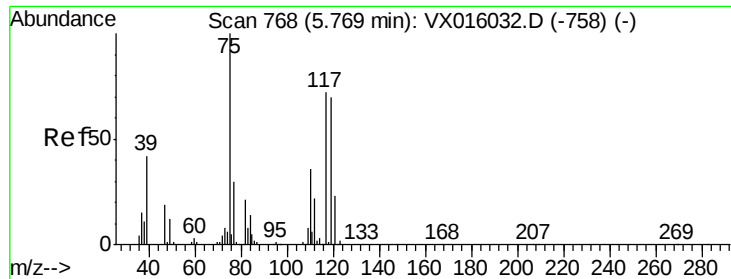


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.250 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.14 min

Lab File: VX016385.D

Acq: 21 May 2020 15:49

Instrument :

MSVOA_X

ClientSampleId :

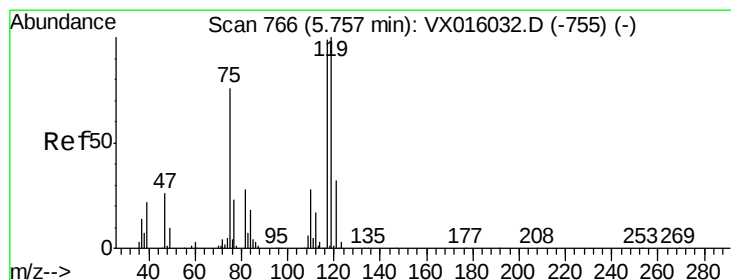
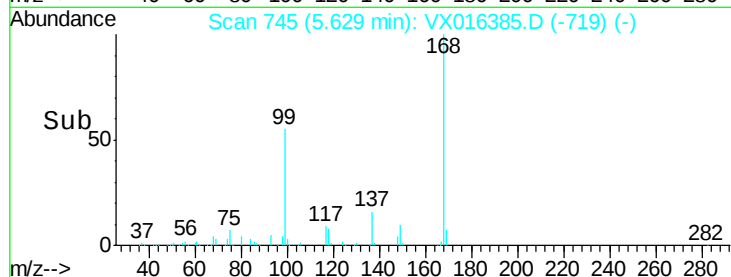
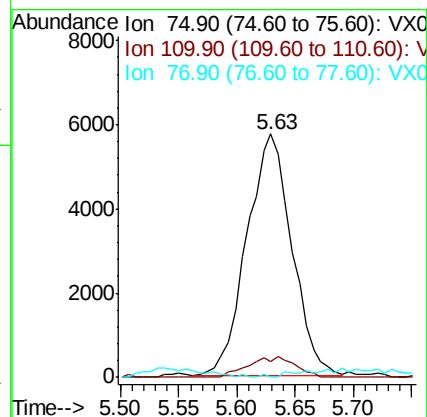
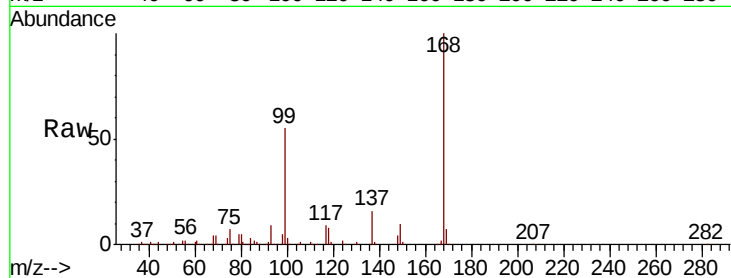
Tot Ion: 75 Resp: 15294

Ion Ratio Lower Upper

75 100

110 8.8 18.1 54.1#

77 0.2 25.0 37.6#



#38

Carbon Tetrachloride

Concen: 5.838 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.13 min

Lab File: VX016385.D

Acq: 21 May 2020 15:49

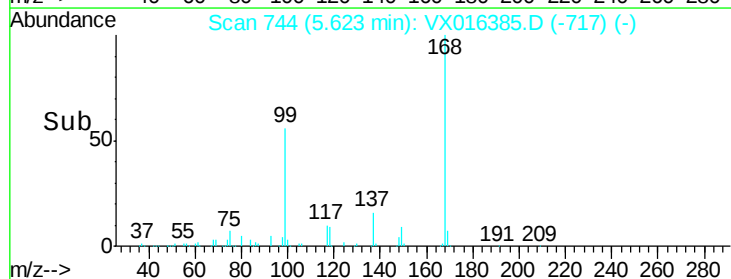
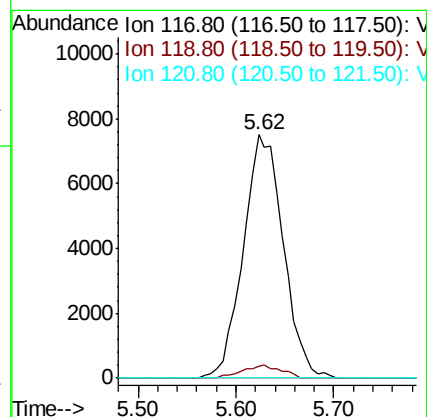
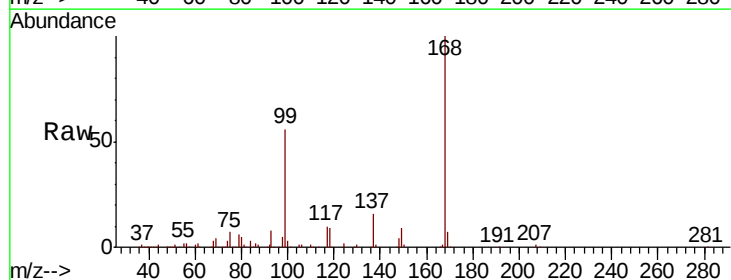
Tgt Ion: 117 Resp: 21352

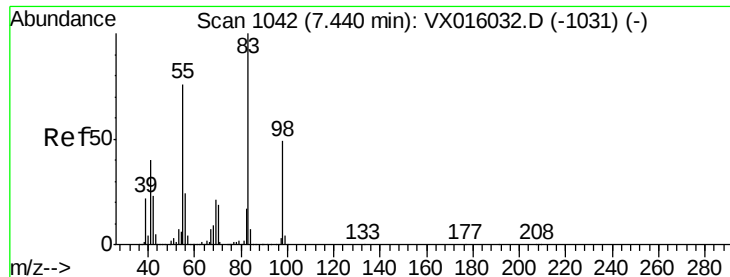
Ion Ratio Lower Upper

117 100

119 5.0 80.3 120.5#

121 0.0 25.7 38.5#





#39

Methvlcvclohexane

Concen: 5.782 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. -0.00 min

Lab File: VX016385.D

Acq: 21 May 2020 15:49

Instrument :

MSVOA_X

ClientSampled :

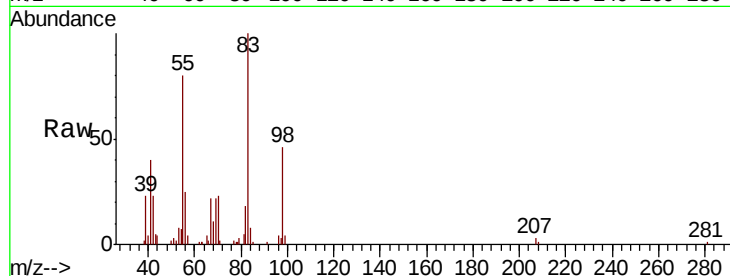
Tot Ion: 83 Resp: 25057

Ion Ratio Lower Upper

83 100

55 79.8 61.1 91.7

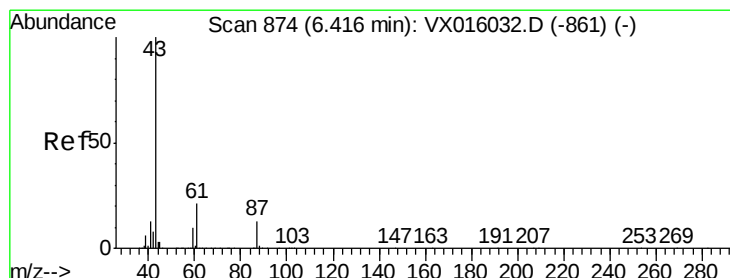
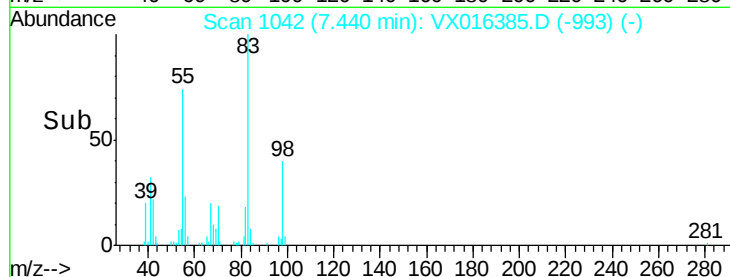
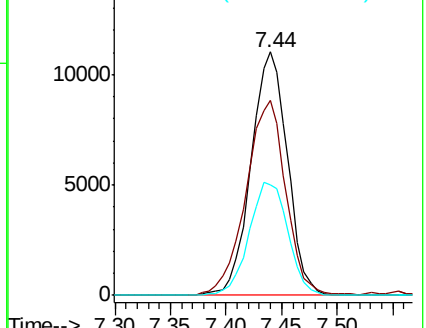
98 45.6 39.0 58.4



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



#43

Isopropyl Acetate

Concen: 0.290 ug/l

RT: 6.43 min Scan# 876

Delta R.T. 0.01 min

Lab File: VX016385.D

Acq: 21 May 2020 15:49

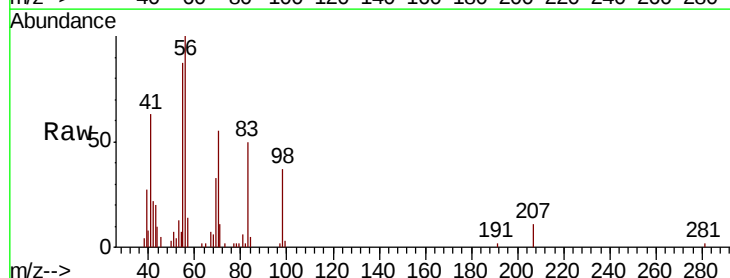
Tgt Ion: 43 Resp: 1930

Ion Ratio Lower Upper

43 100

61 0.0 17.0 25.4#

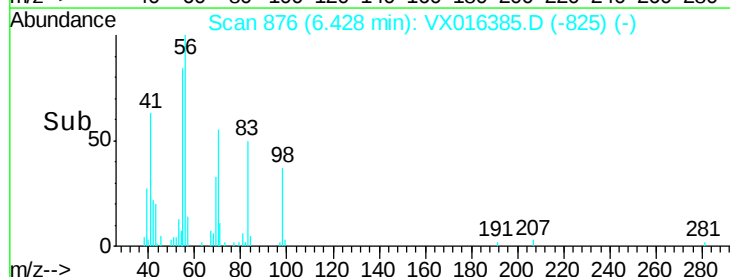
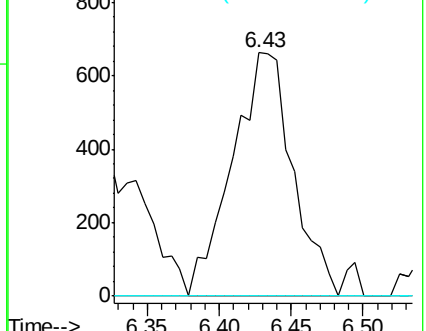
87 0.0 11.0 16.6#

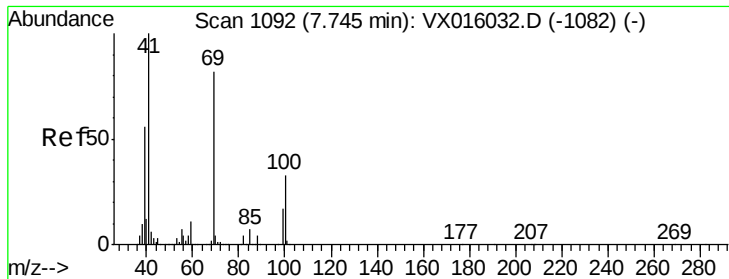


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

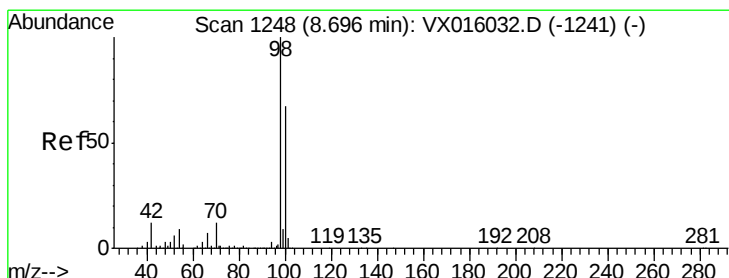
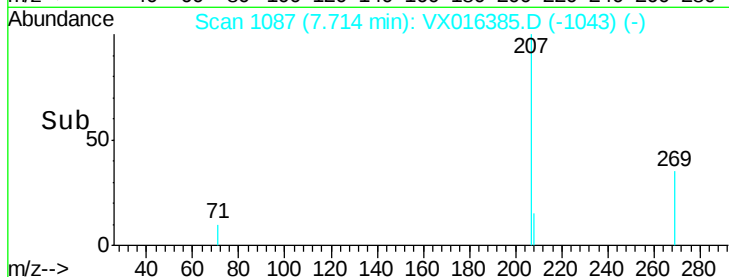
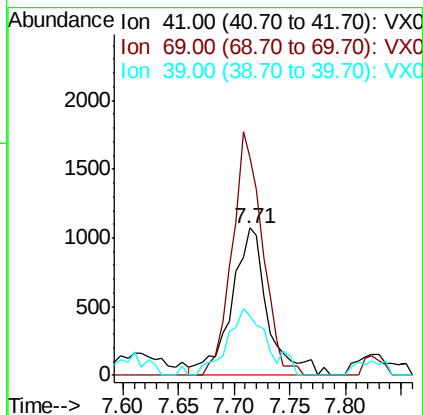
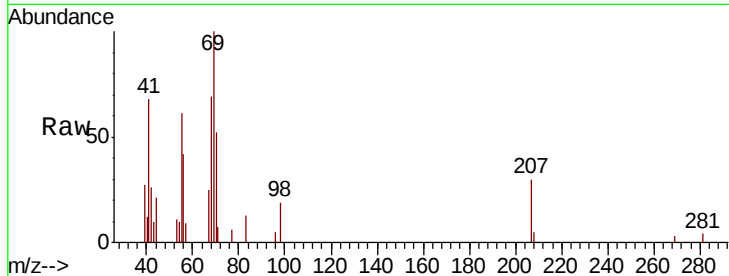




#48
Methvl methacrylate
Concen: 0.763 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.03 min
Lab File: VX016385.D
Acq: 21 May 2020 15:49

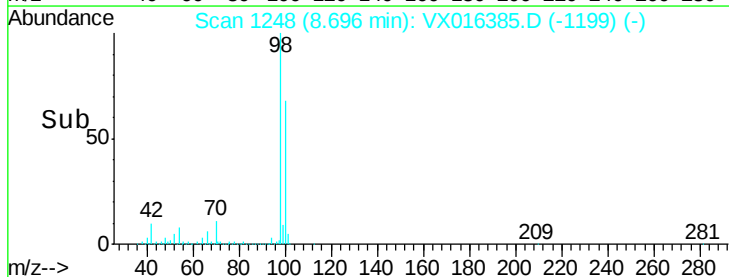
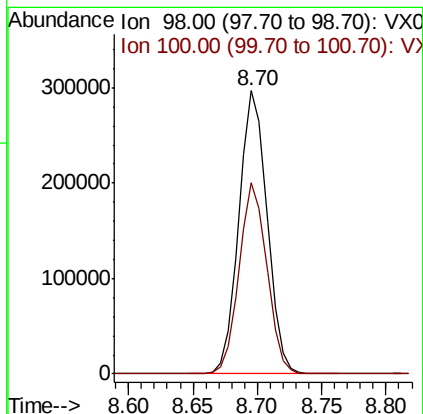
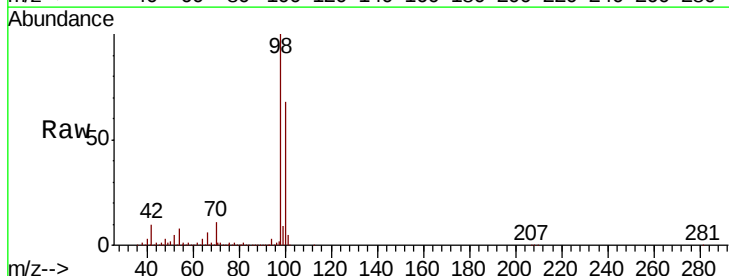
Instrument :
MSVOA_X
ClientSampled :

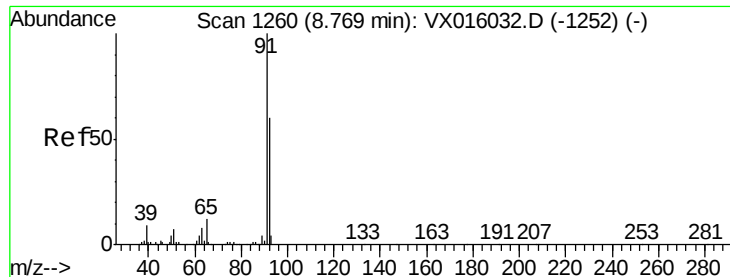
Tot Ion: 41 Resp: 2405
Ion Ratio Lower Upper
41 100
69 138.7 67.8 101.6#
39 50.2 44.6 67.0



#50
Toluene-d8
Concen: 50.346 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016385.D
Acq: 21 May 2020 15:49

Tgt Ion: 98 Resp: 449273
Ion Ratio Lower Upper
98 100
100 66.7 53.7 80.5





#52

Toluene

Concen: 1.059 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX016385.D

Acq: 21 May 2020 15:49

Instrument :

MSVOA_X

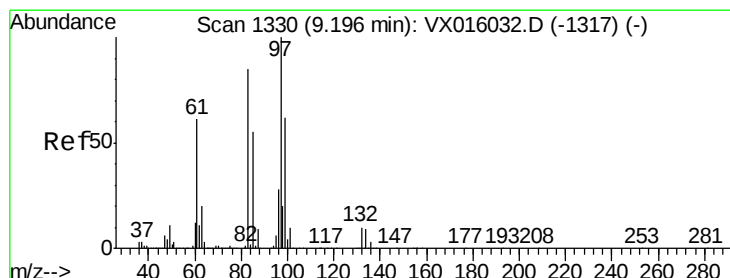
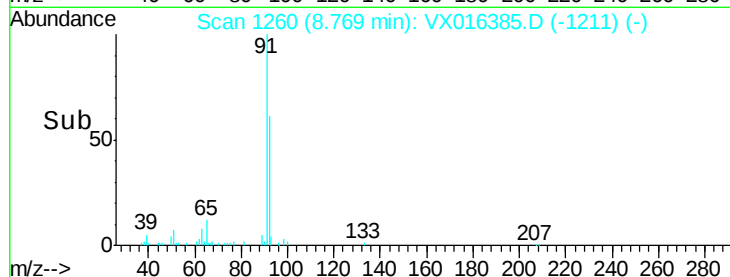
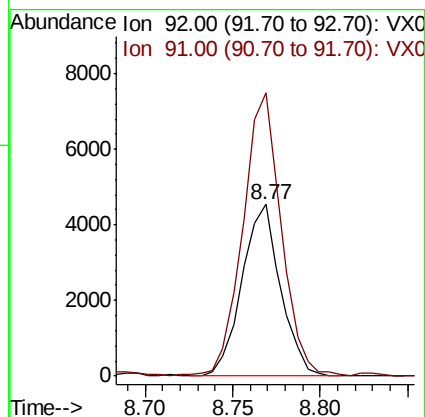
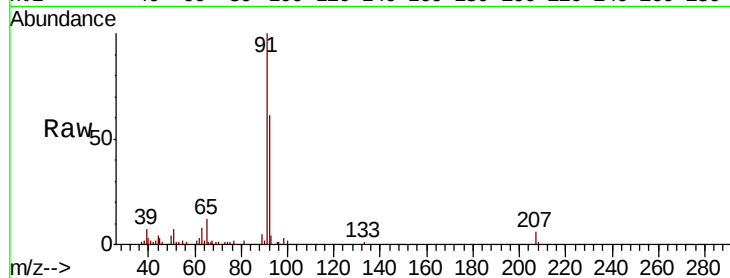
ClientSampleId :

Tot Ion: 92 Resp: 6949

Ion Ratio Lower Upper

92 100

91 164.9 134.5 201.7



#55

1,1,2-Trichloroethane

Concen: 0.378 ug/l

RT: 9.15 min Scan# 1322

Delta R.T. -0.05 min

Lab File: VX016385.D

Acq: 21 May 2020 15:49

Tgt Ion: 97 Resp: 976

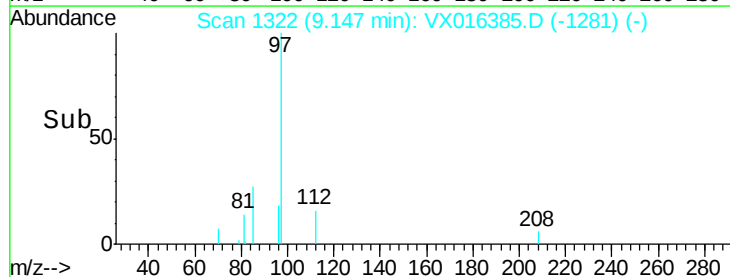
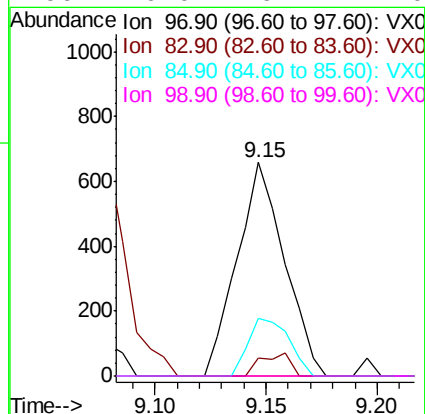
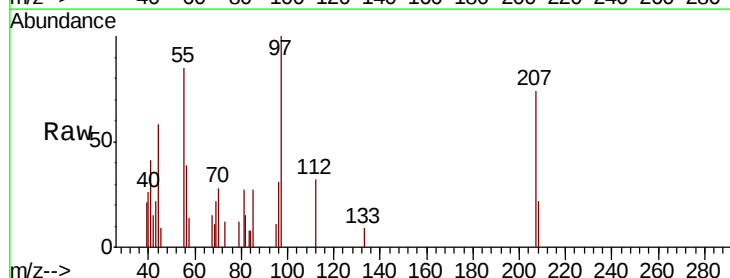
Ion Ratio Lower Upper

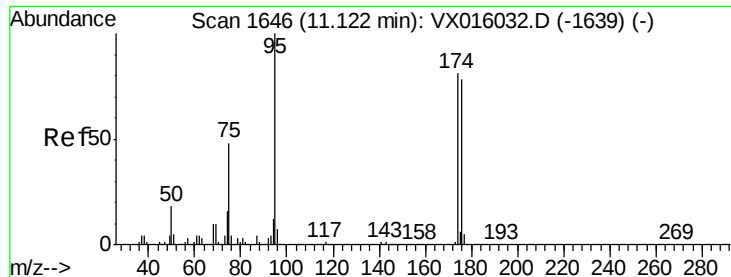
97 100

83 8.5 67.8 101.8#

85 26.9 43.8 65.8#

99 0.0 49.4 74.0#

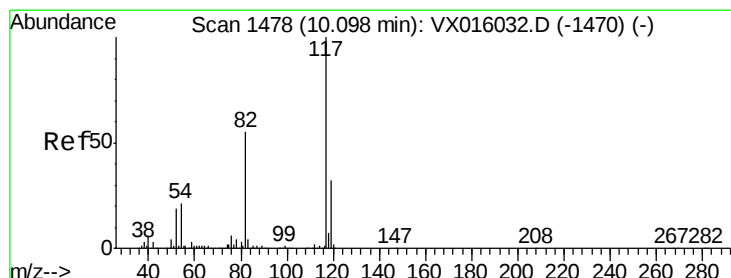
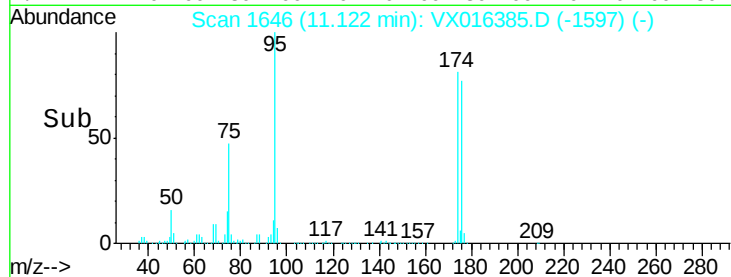
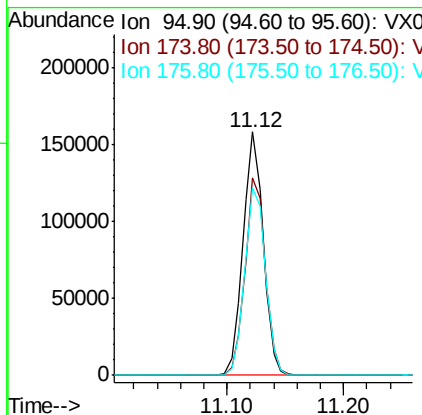
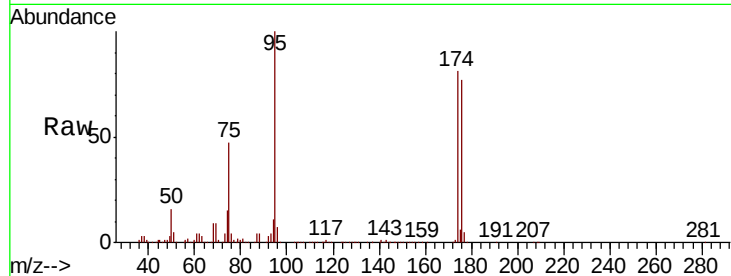




#62
4-Bromofluorobenzene
Concen: 56.774 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016385.D
Acq: 21 May 2020 15:49

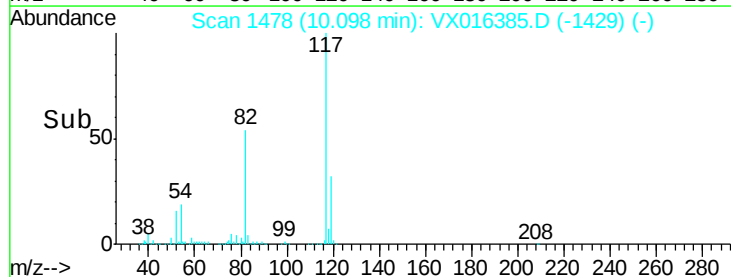
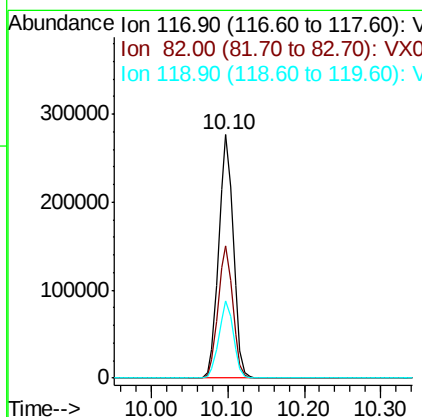
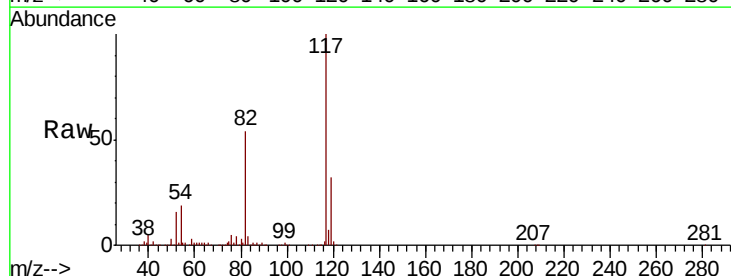
Instrument :
MSVOA_X
ClientSampleId :

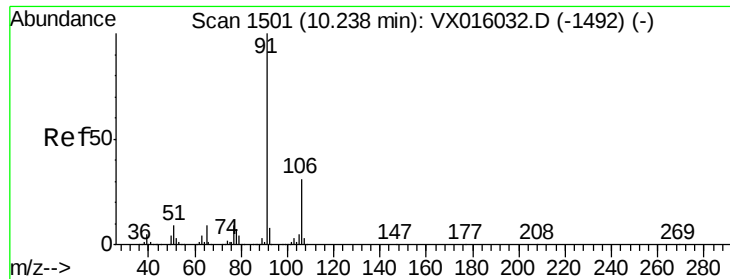
Tot Ion	Ratio	Lower	Upper
95	100		
174	81.9	0.0	159.4
176	79.7	0.0	157.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016385.D
Acq: 21 May 2020 15:49

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.3	44.4	66.6
119	31.8	25.5	38.3





#67

Ethyl Benzene

Concen: 39.472 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016385.D

Acq: 21 May 2020 15:49

Instrument :

MSVOA_X

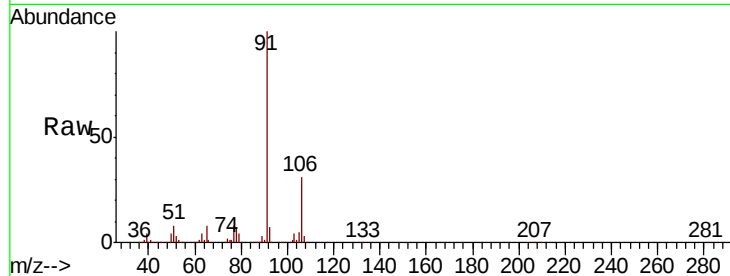
ClientSampleId :

Tot Ion: 91 Resp: 539259

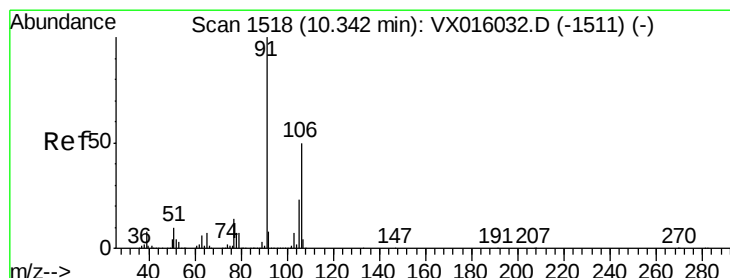
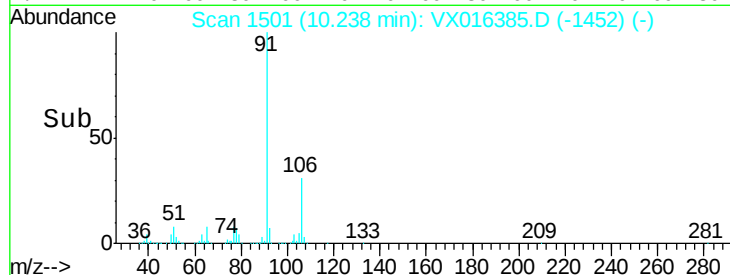
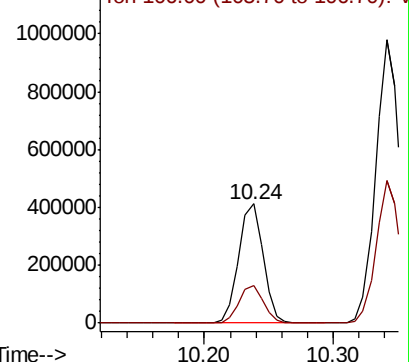
Ion Ratio Lower Upper

91 100

106 31.0 25.1 37.7



Abundance Ion 91.00 (90.70 to 91.70): VX016032.D (-1492) (-)



#68

m/p-Xylenes

Concen: 124.741 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016385.D

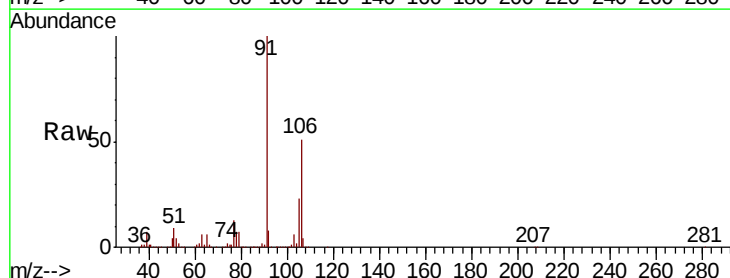
Acq: 21 May 2020 15:49

Tgt Ion: 106 Resp: 638496

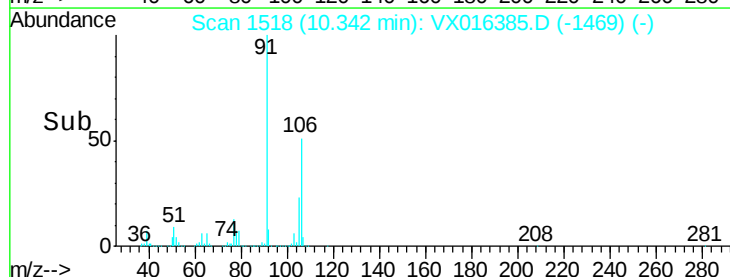
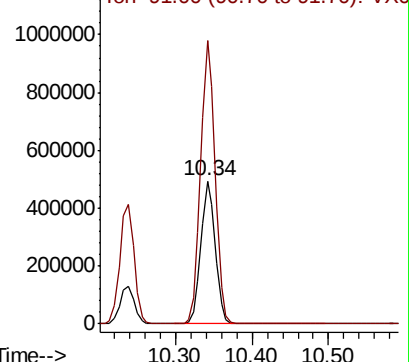
Ion Ratio Lower Upper

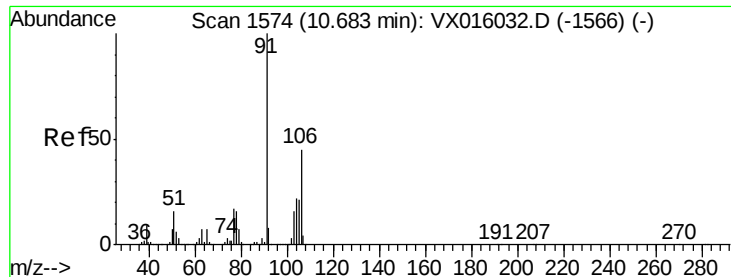
106 100

91 200.5 161.7 242.5



Abundance Ion 106.00 (105.70 to 106.70): VX016032.D (-1511) (-)

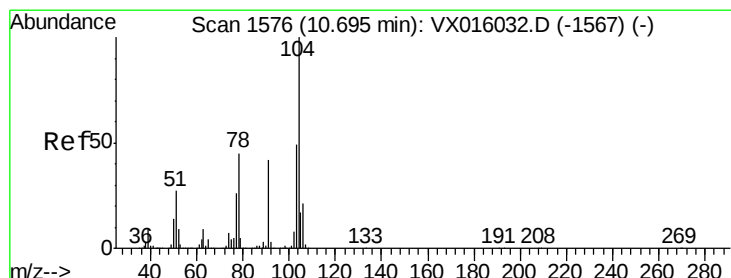
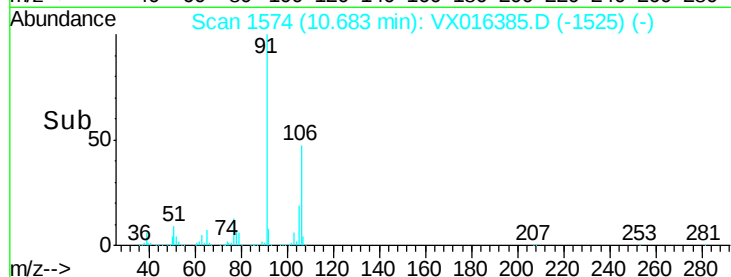
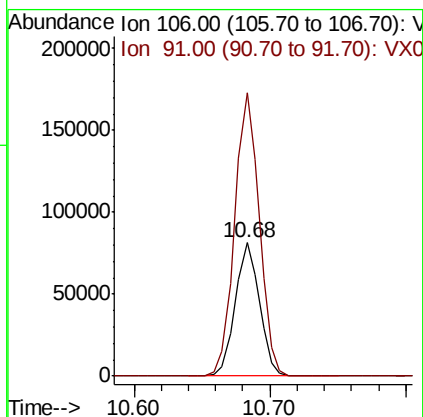
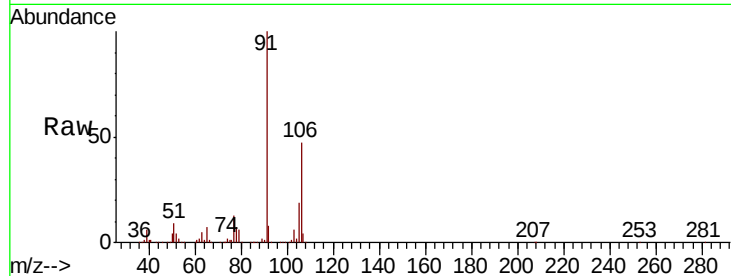




#69
o-Xylene
Concen: 20.528 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016385.D
Acq: 21 May 2020 15:49

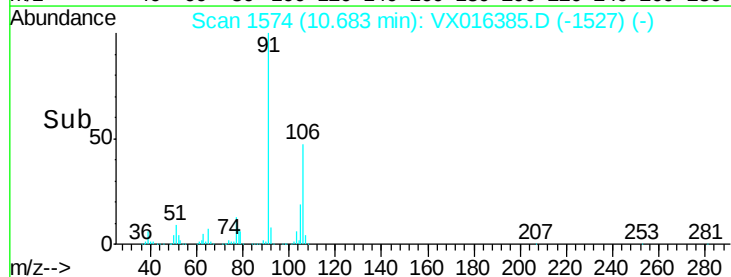
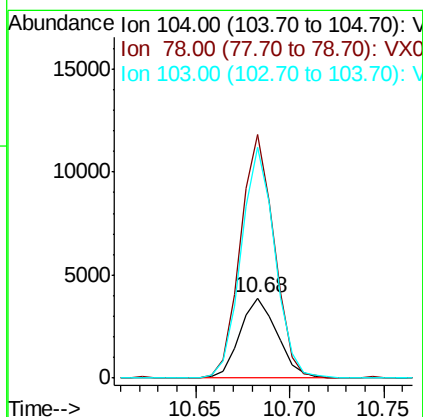
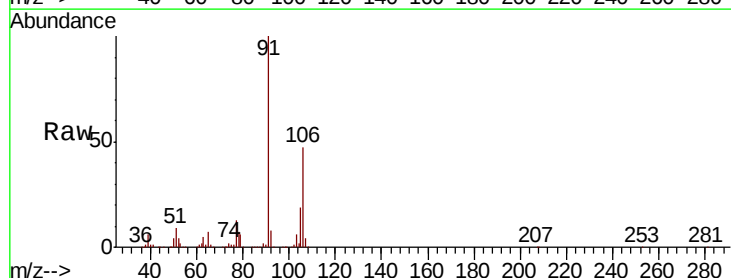
Instrument :
MSVOA_X
ClientSampleId :

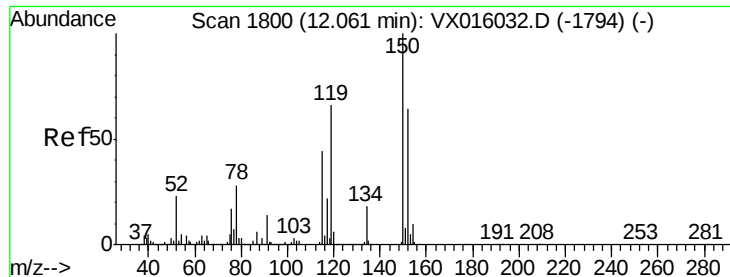
Tot Ion:106 Resp: 101001
Ion Ratio Lower Upper
106 100
91 215.5 107.5 322.6



#70
Styrene
Concen: 0.642 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.01 min
Lab File: VX016385.D
Acq: 21 May 2020 15:49

Tgt Ion:104 Resp: 5363
Ion Ratio Lower Upper
104 100
78 274.1 40.2 60.2#
103 260.1 43.0 64.6#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016385.D

Acq: 21 May 2020 15:49

Instrument :

MSVOA_X

ClientSampleId :

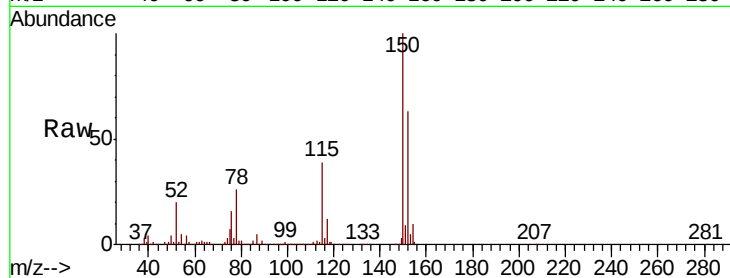
Tot Ion:152 Resp: 201783

Ion Ratio Lower Upper

152 100

115 58.6 41.3 124.1

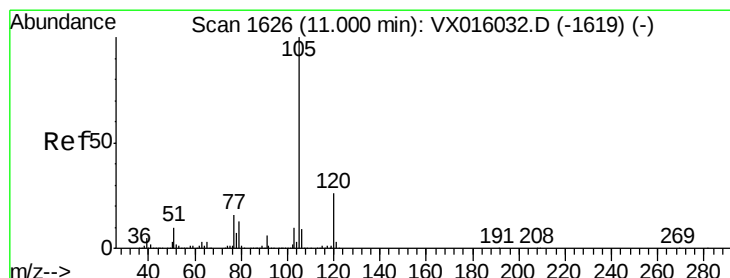
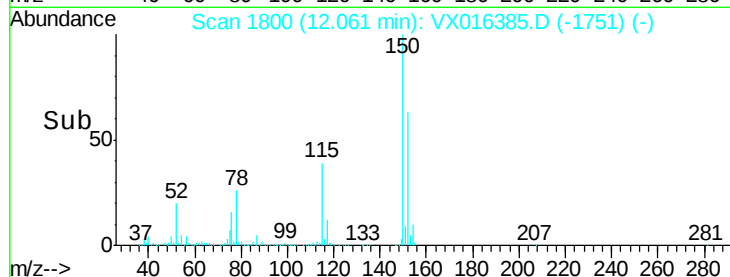
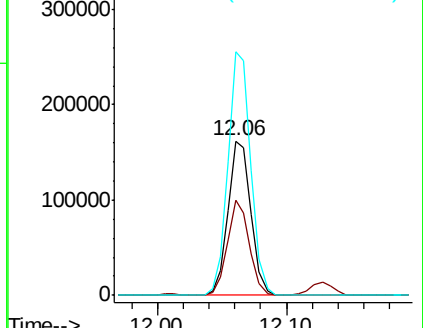
150 157.4 0.0 352.2



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



#73

Isopropylbenzene

Concen: 9.768 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX016385.D

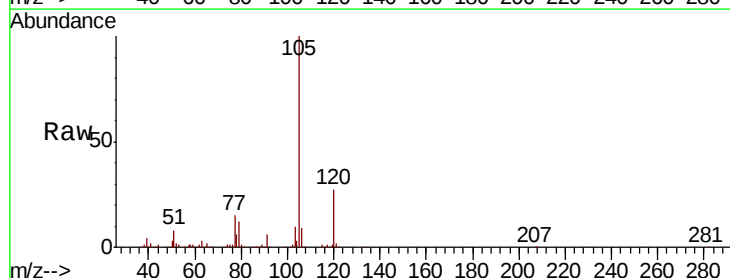
Acq: 21 May 2020 15:49

Tgt Ion:105 Resp: 143359

Ion Ratio Lower Upper

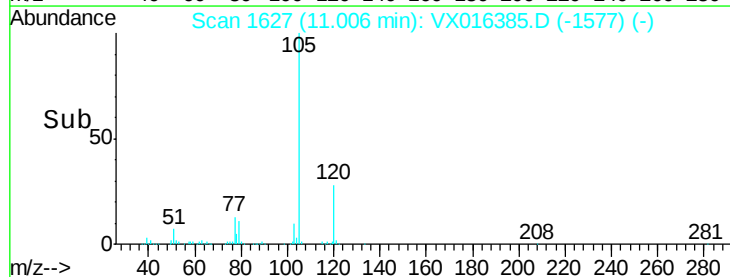
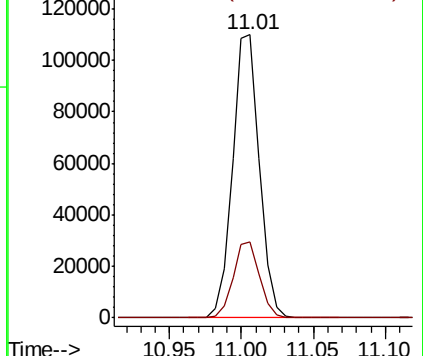
105 100

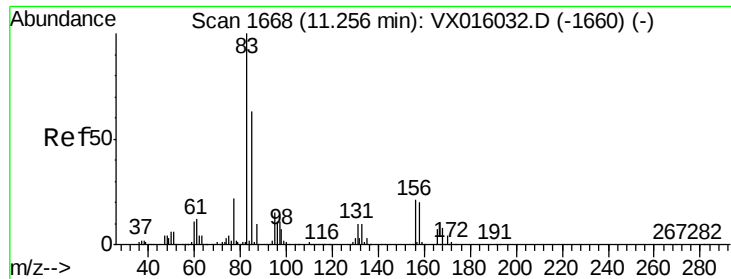
120 26.4 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 2.057 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.09 min

Lab File: VX016385.D

Acq: 21 May 2020 15:49

Instrument :

MSVOA_X

ClientSampleId :

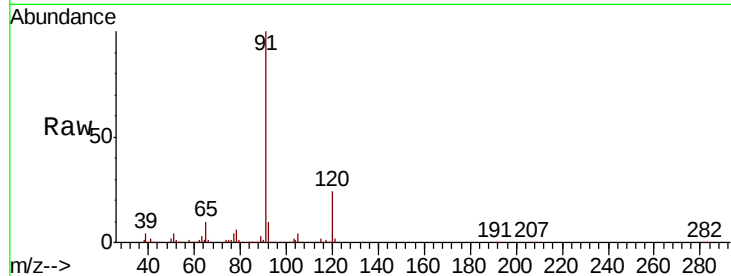
Tot Ion: 83 Resp: 22

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.4#

85 2904.5 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

600

400

200

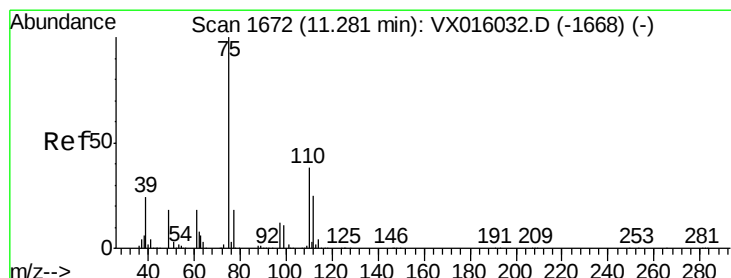
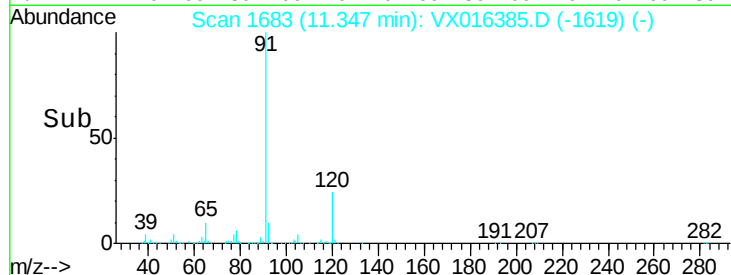
0

11.34

11.35

11.36

Time-->



#76

1,2,3-Trichloropropane

Concen: 0.633 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.07 min

Lab File: VX016385.D

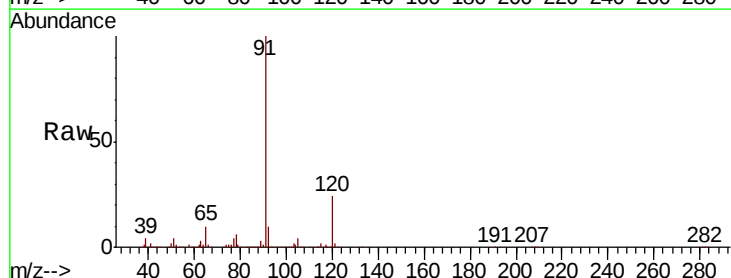
Acq: 21 May 2020 15:49

Tgt Ion: 75 Resp: 2900

Ion Ratio Lower Upper

75 100

77 632.2 21.2 63.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

60000

40000

20000

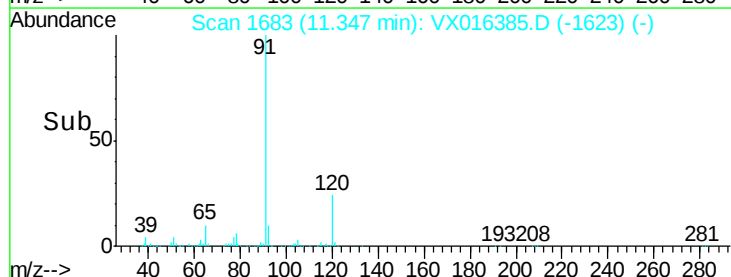
0

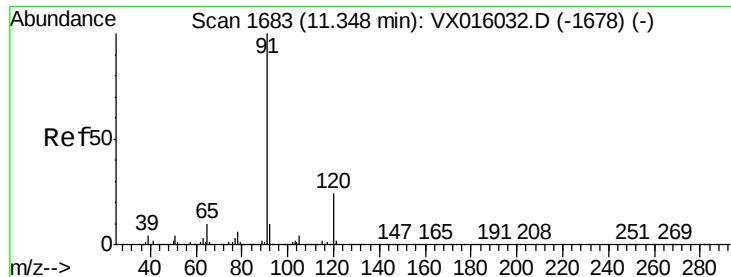
11.30

11.35

11.40

Time-->





#78

n-propylbenzene

Concen: 27.735 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VX016385.D

Acq: 21 May 2020 15:49

Instrument :

MSVOA_X

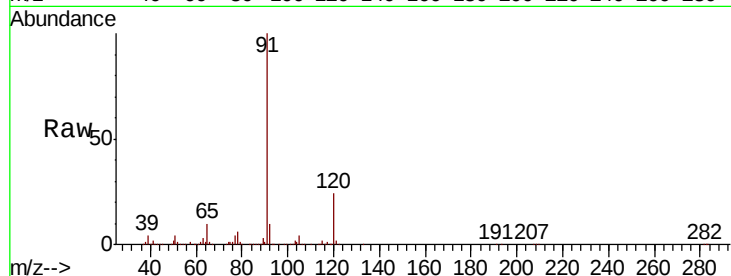
ClientSampleId :

Tot Ion: 91 Resp: 473544

Ion Ratio Lower Upper

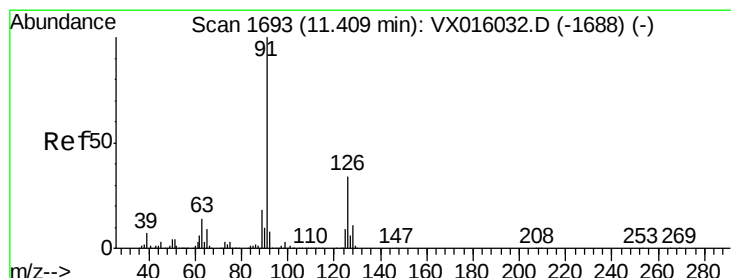
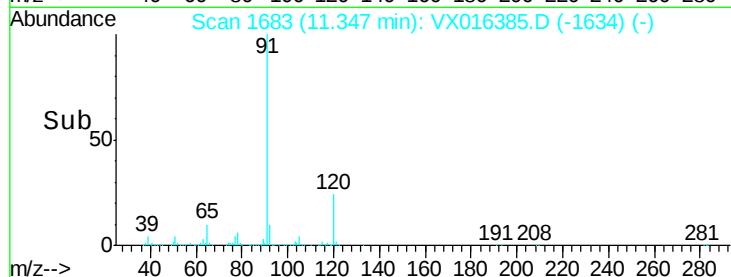
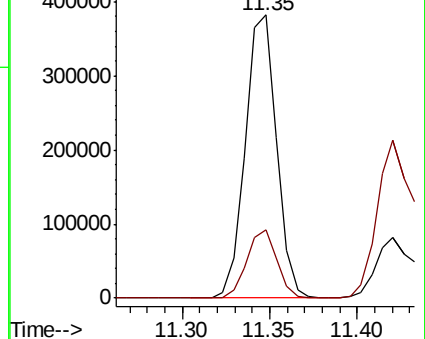
91 100

120 23.2 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 14.772 ug/l

RT: 11.42 min Scan# 1695

Delta R.T. 0.01 min

Lab File: VX016385.D

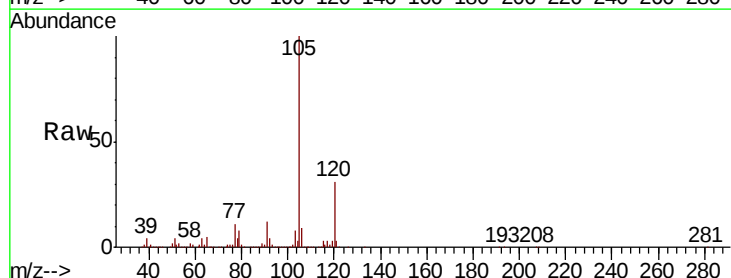
Acq: 21 May 2020 15:49

Tgt Ion: 91 Resp: 148876

Ion Ratio Lower Upper

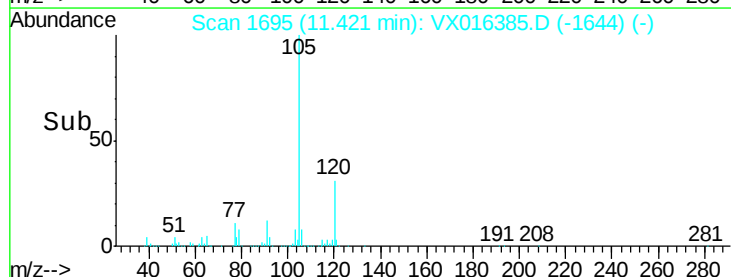
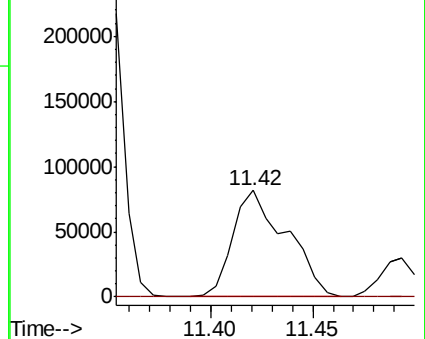
91 100

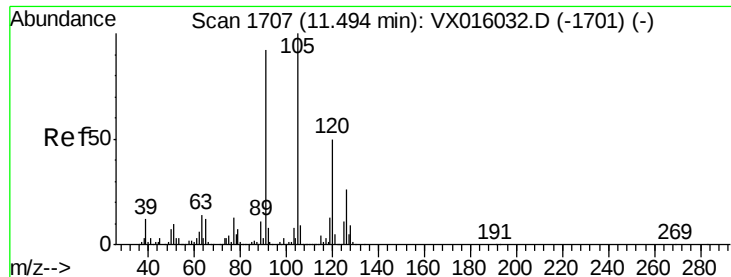
126 0.2 16.9 50.6#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

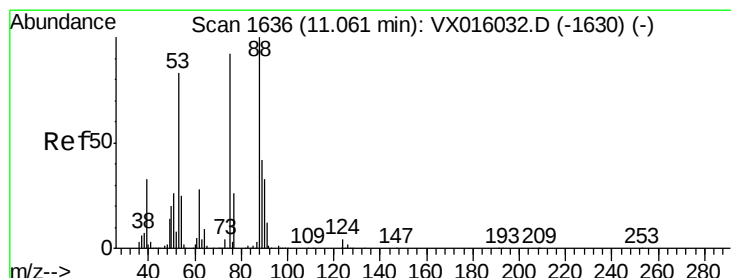
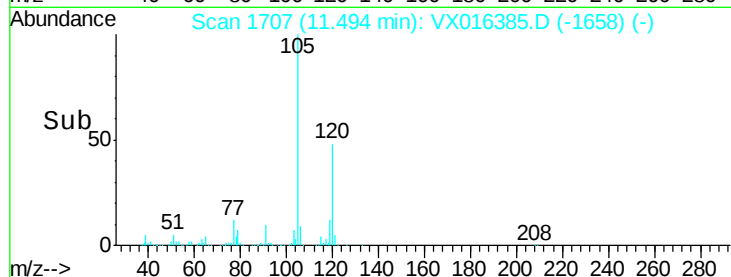
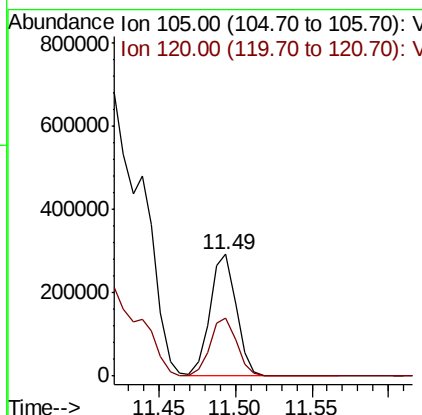
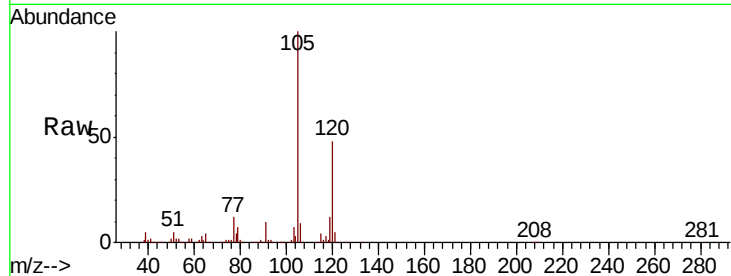




#80
 1,3,5-Trimethylbenzene
 Concen: 28.156 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX016385.D
 Acq: 21 May 2020 15:49

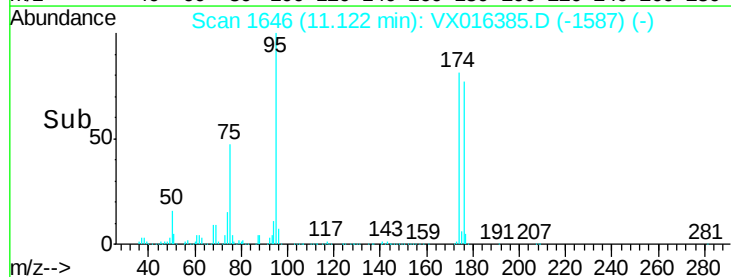
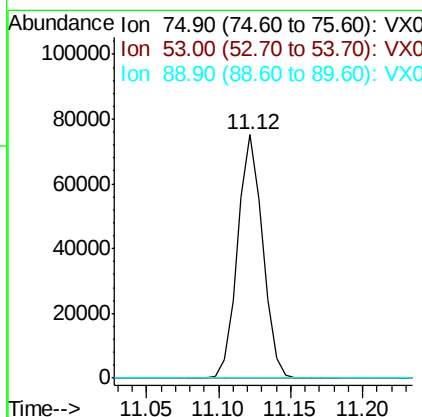
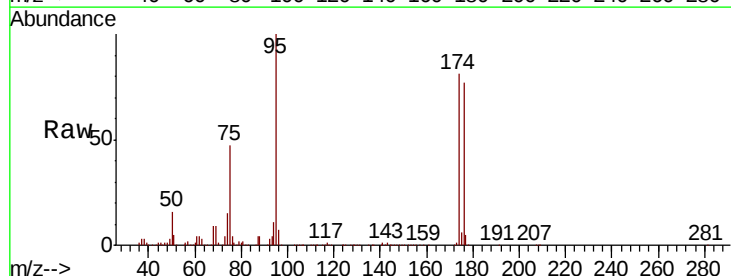
Instrument :
 MSVOA_X
 ClientSampleId :

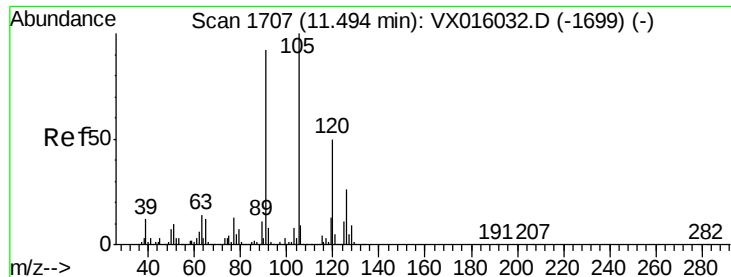
Tot Ion:105 Resp: 348898
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.6 74.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 47.434 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.06 min
 Lab File: VX016385.D
 Acq: 21 May 2020 15:49

Tgt Ion: 75 Resp: 91142
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.1 109.7#
 89 0.0 36.7 55.1#





#82

4-Chlorotoluene

Concen: 3.040 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016385.D

Acq: 21 May 2020 15:49

Instrument :

MSVOA_X

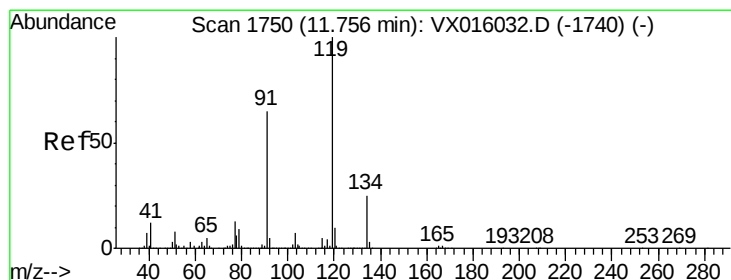
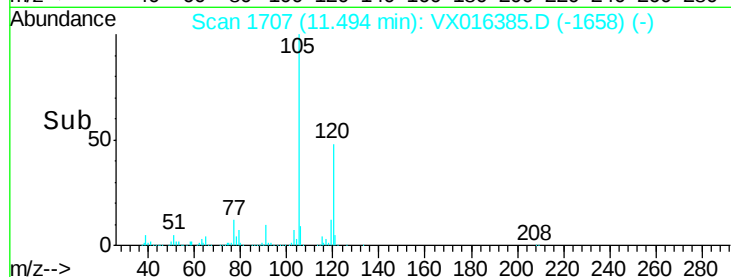
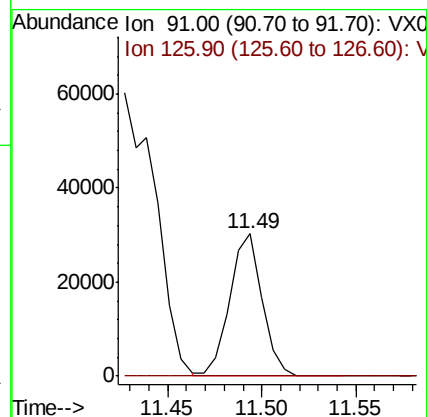
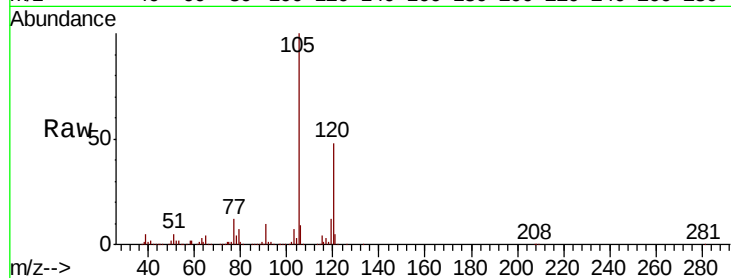
ClientSampleId :

Tot Ion: 91 Resp: 36184

Ion Ratio Lower Upper

91 100

126 0.4 14.8 44.3#



#83

tert-Butylbenzene

Concen: 18.518 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.04 min

Lab File: VX016385.D

Acq: 21 May 2020 15:49

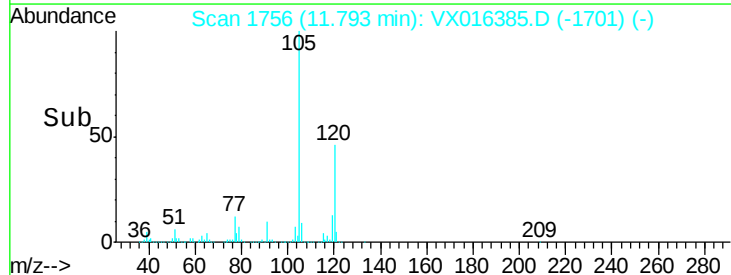
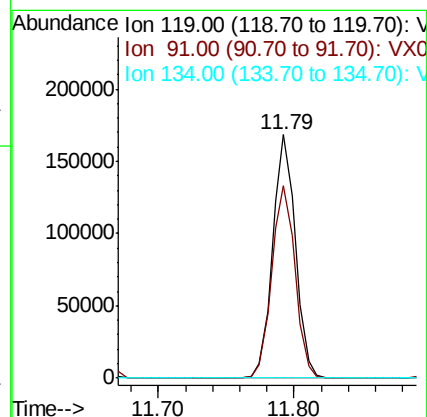
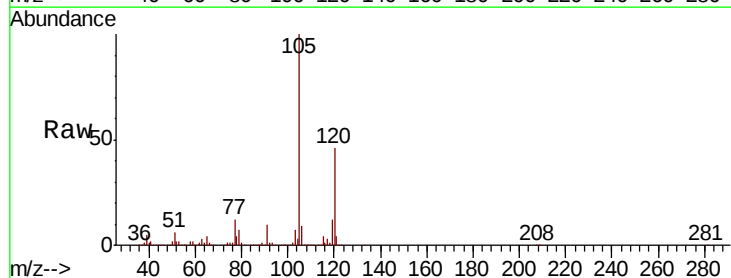
Tgt Ion: 119 Resp: 197755

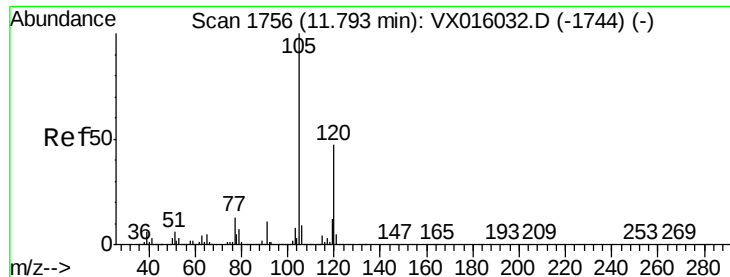
Ion Ratio Lower Upper

119 100

91 81.1 32.8 98.4

134 0.0 12.4 37.0#





#84

1,2,4-Trimethylbenzene

Concen: 127.723 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016385.D

Acq: 21 May 2020 15:49

Instrument :

MSVOA_X

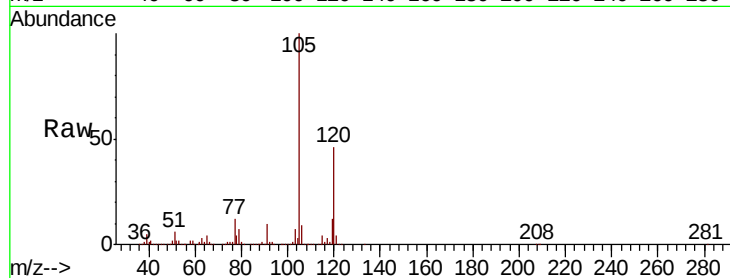
ClientSampleId :

Tot Ion:105 Resp: 1600122

Ion Ratio Lower Upper

105 100

120 46.1 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.79

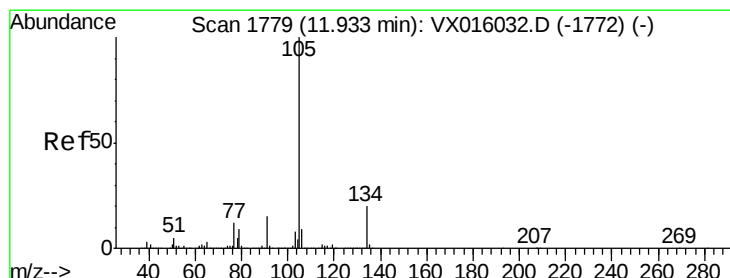
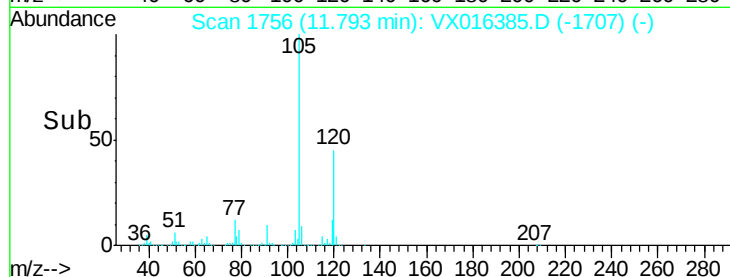
1500000

1000000

500000

0

Time--> 11.70 11.80 11.90



#85

sec-Butylbenzene

Concen: 110.974 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.14 min

Lab File: VX016385.D

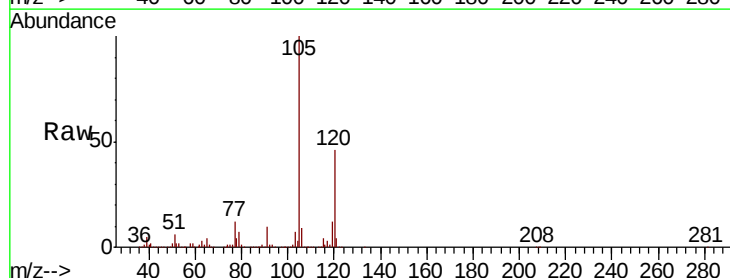
Acq: 21 May 2020 15:49

Tgt Ion:105 Resp: 1600122

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

11.79

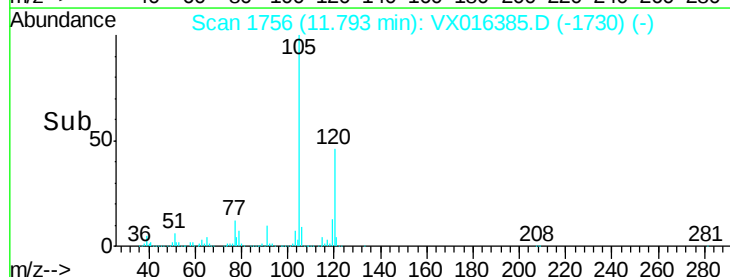
1500000

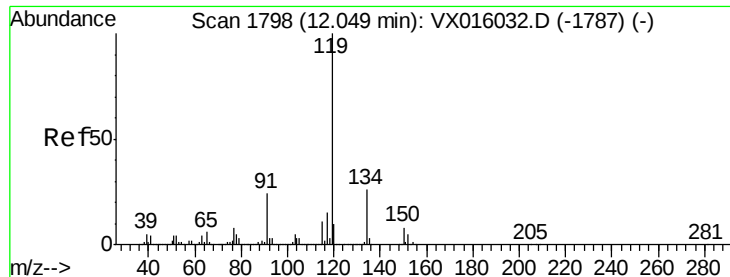
1000000

500000

0

Time--> 11.70 11.80 11.90

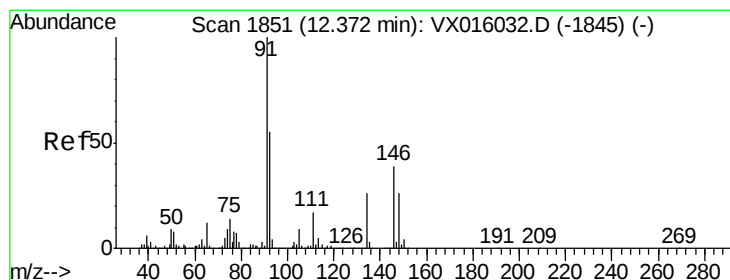
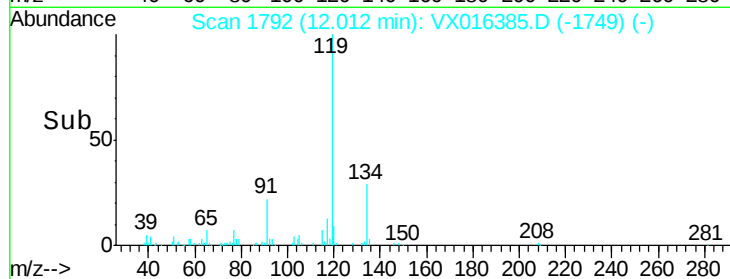
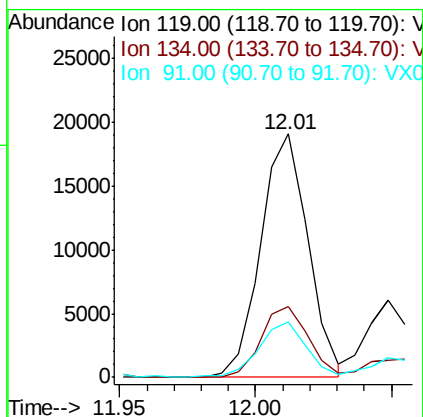
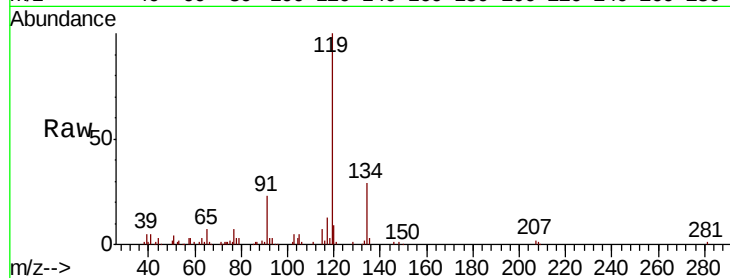




#86
p-Isopropyltoluene
Concen: 1.715 ug/l
RT: 12.01 min Scan# 1792
Delta R.T. -0.04 min
Lab File: VX016385.D
Acq: 21 May 2020 15:49

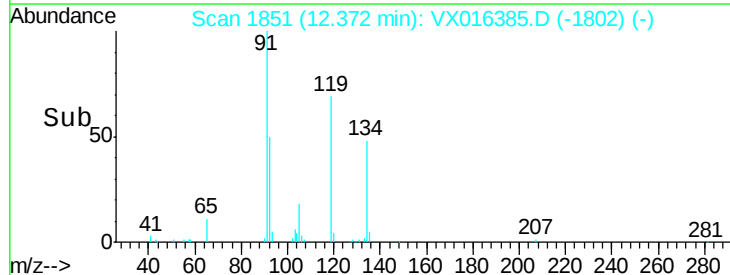
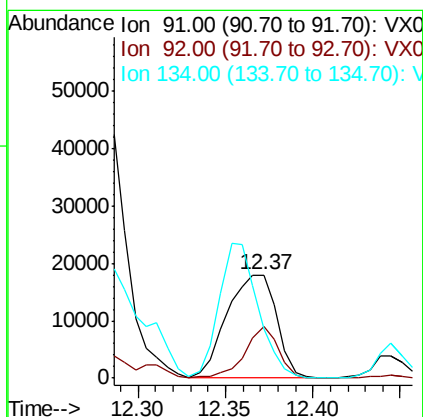
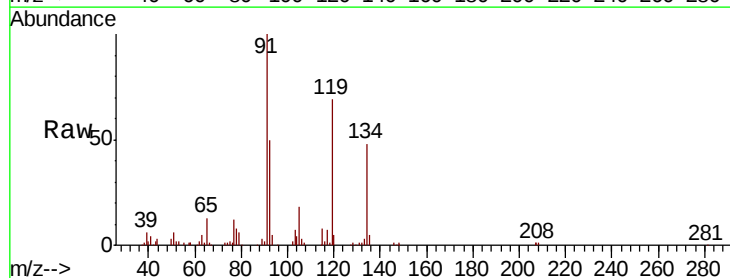
Instrument :
MSVOA_X
ClientSampled :

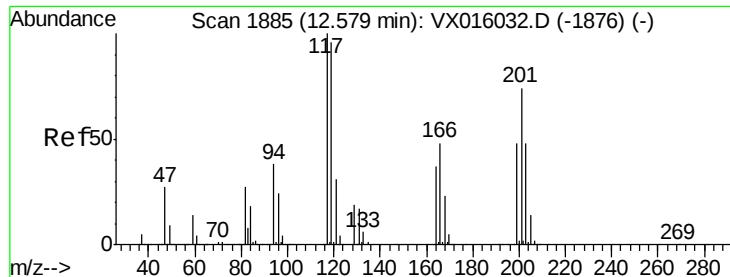
Tot Ion	Ratio	Lower	Upper
119	100		
134	29.1	13.1	39.3
91	22.8	11.8	35.4



#89
n-Butylbenzene
Concen: 2.886 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016385.D
Acq: 21 May 2020 15:49

Tgt Ion	Ratio	Lower	Upper
91	100		
92	34.1	27.6	82.7
134	103.8	13.4	40.1#





#90

Hexachloroethane

Concen: 3.448 ug/l

RT: 12.57 min Scan# 1884

Delta R.T. -0.01 min

Lab File: VX016385.D

Acq: 21 May 2020 15:49

Instrument :

MSVOA_X

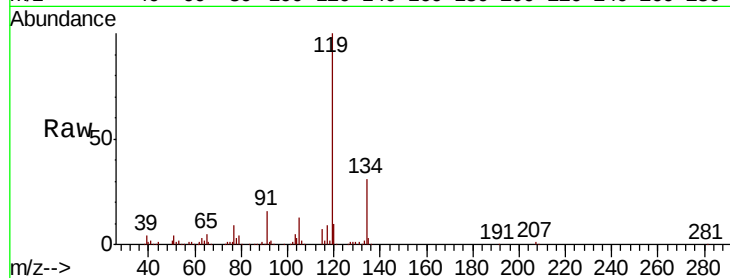
ClientSampleId :

Tot Ion:117 Resp: 7927

Ion Ratio Lower Upper

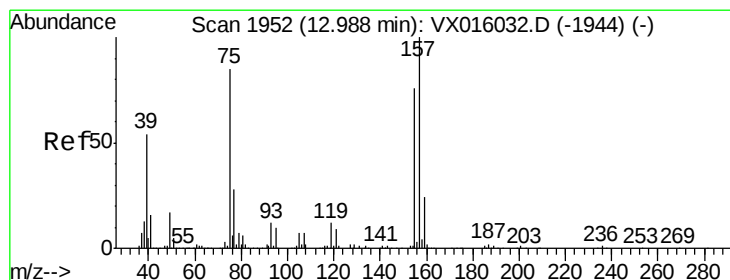
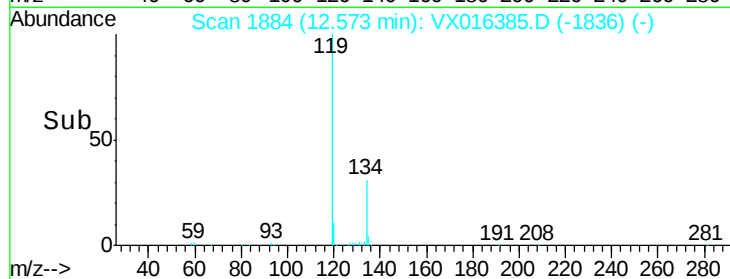
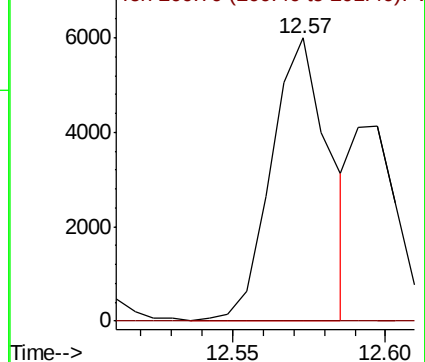
117 100

201 0.0 39.8 119.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.481 ug/l

RT: 13.00 min Scan# 1954

Delta R.T. 0.01 min

Lab File: VX016385.D

Acq: 21 May 2020 15:49

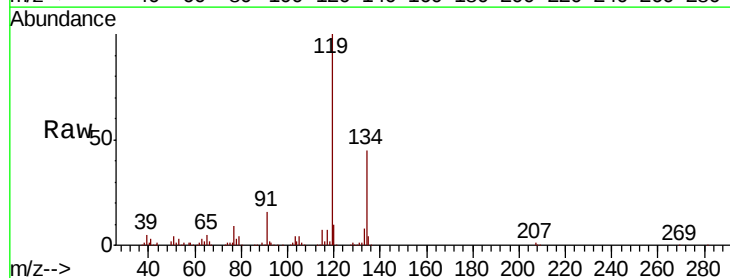
Tgt Ion: 75 Resp: 580

Ion Ratio Lower Upper

75 100

155 0.0 42.5 127.5#

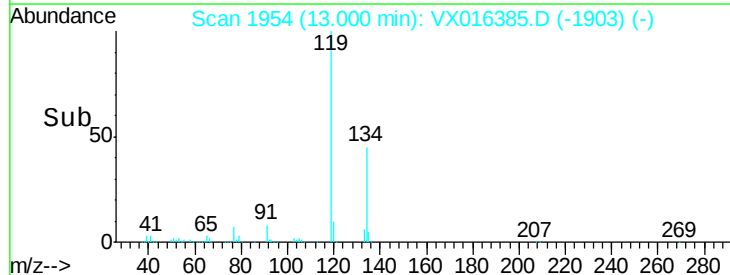
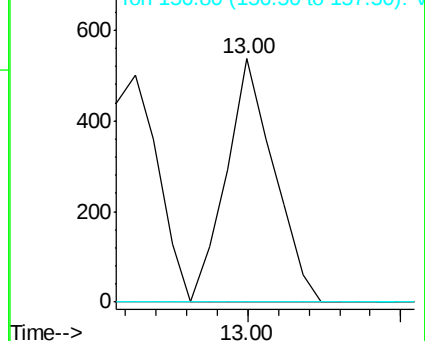
157 0.0 55.3 165.8#

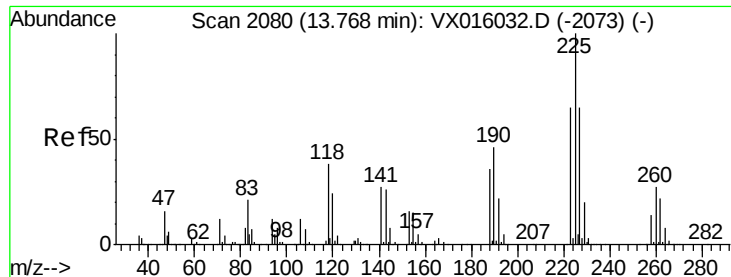


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#94

Hexachlorobutadiene

Concen: 0.566 ug/l

RT: 13.77 min Scan# 2081

Delta R.T. 0.01 min

Lab File: VX016385.D

Acq: 21 May 2020 15:49

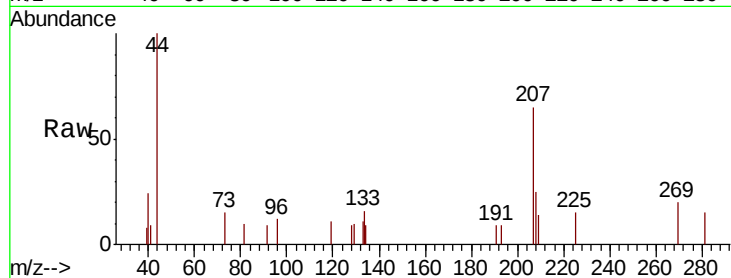
Instrument :

MSVOA_X

ClientSampled :

Tot Ion:225 Resp: 89

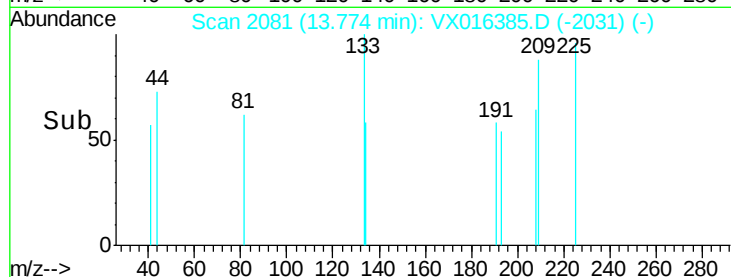
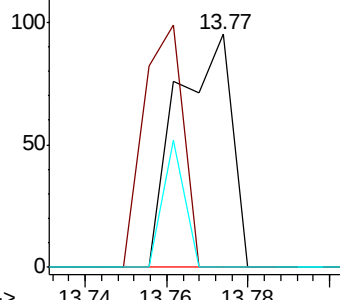
Ion	Ratio	Lower	Upper
225	100		
223	74.2	32.3	96.9
227	21.3	31.8	95.4



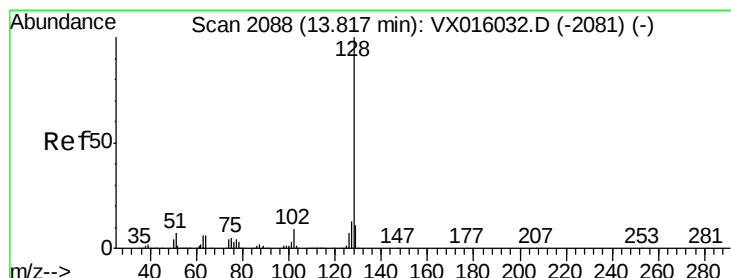
Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



Time-->



#95

Naphthalene

Concen: 10.413 ug/l

RT: 13.82 min Scan# 2088

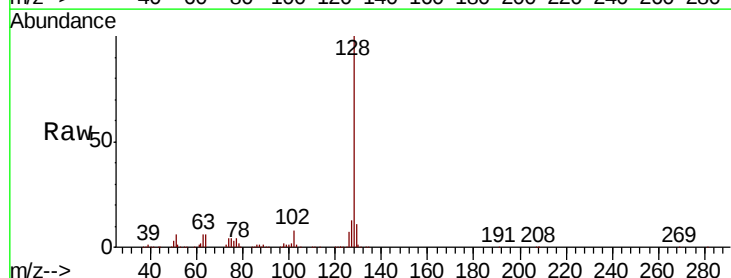
Delta R.T. -0.00 min

Lab File: VX016385.D

Acq: 21 May 2020 15:49

Tgt Ion:128 Resp: 163503

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	10.9	8.7	13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

