

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061620\
 Data File : VX016806.D
 Acq On : 17 Jun 2020 02:50
 Operator : JC/SP
 Sample : L2999-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 31030

Quant Time: Jun 17 04:06:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 16 02:02:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	302786	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	508481	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	504238	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	241218	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	168660	49.52	ug/l	0.01
Spiked Amount	50.000		Recovery	=	99.04%	
35) Dibromofluoromethane	5.49	113	142632	45.46	ug/l	0.02
Spiked Amount	50.000		Recovery	=	90.92%	
50) Toluene-d8	8.70	98	543114	46.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.90%	
62) 4-Bromofluorobenzene	11.12	95	225367	50.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.86%	

Target Compounds

					Qvalue	
11) Tert butyl alcohol	3.02	59	47796	55.863	ug/l	98
13) Acrolein	2.29	56	55679	153.733	ug/l #	13
14) Allyl chloride	2.59	41	44695	9.656	ug/l #	61
15) Acrylonitrile	3.12	53	508	0.293	ug/l #	68
16) Acetone	2.42	43	1445306	935.551	ug/l #	84
17) Carbon Disulfide	2.56	76	3832	0.452	ug/l #	64
18) Methyl Acetate	2.75	43	4469	1.084	ug/l	92
22) Diisopropyl ether	4.08	45	1092321	125.642	ug/l #	1
25) 2-Butanone	4.71	43	410286	176.218	ug/l	98
29) Tetrahydrofuran	5.14	42	134465	89.151	ug/l #	29
30) Chloroform	5.20	83	3395	0.590	ug/l	89
31) Cyclohexane	5.56	56	532	0.815	ug/l #	48
36) 1,1-Dichloropropene	5.64	75	20649	4.595	ug/l #	50
37) Ethyl Acetate	4.71	43	410286	83.374	ug/l #	65
38) Carbon Tetrachloride	5.63	117	28604	5.605	ug/l #	16
39) Methylcyclohexane	7.45	83	515	1.050	ug/l #	26
40) Benzene	6.12	78	20146	1.472	ug/l	97
41) Methacrylonitrile	5.15	41	56019	21.350	ug/l #	41
43) Isopropyl Acetate	6.24	43	198464	25.733	ug/l #	58
44) Trichloroethene	7.20	130	1936	0.457	ug/l	98
48) Methyl methacrylate	7.86	41	8472	2.318	ug/l #	36
49) 1,4-Dioxane	7.74	88	818	9.042	ug/l #	1
51) 4-Methyl-2-Pentanone	8.63	43	15736	3.311	ug/l	99
52) Toluene	8.77	92	24157	2.718	ug/l	99
53) t-1,3-Dichloropropene	9.06	75	48288	8.389	ug/l #	46
55) 1,1,2-Trichloroethane	9.21	97	3750	1.049	ug/l #	1
56) Ethyl methacrylate	9.21	69	7460	1.394	ug/l #	1
59) 2-Hexanone	9.48	43	28237	7.697	ug/l	99
67) Ethyl Benzene	10.24	91	6042	0.349	ug/l	94
68) m/p-Xylenes	10.34	106	10162	1.550	ug/l	92
69) o-Xylene	10.68	106	5256	0.832	ug/l	100
74) N-amyl acetate	10.90	43	1805	0.293	ug/l #	66
75) 1,1,2,2-Tetrachloroethane	11.32	83	1218	0.262	ug/l #	29
76) 1,2,3-Trichloropropane	11.12	75	105084	20.716	ug/l #	37

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QLast Update : Tue Jun 16 02:02:35 2020
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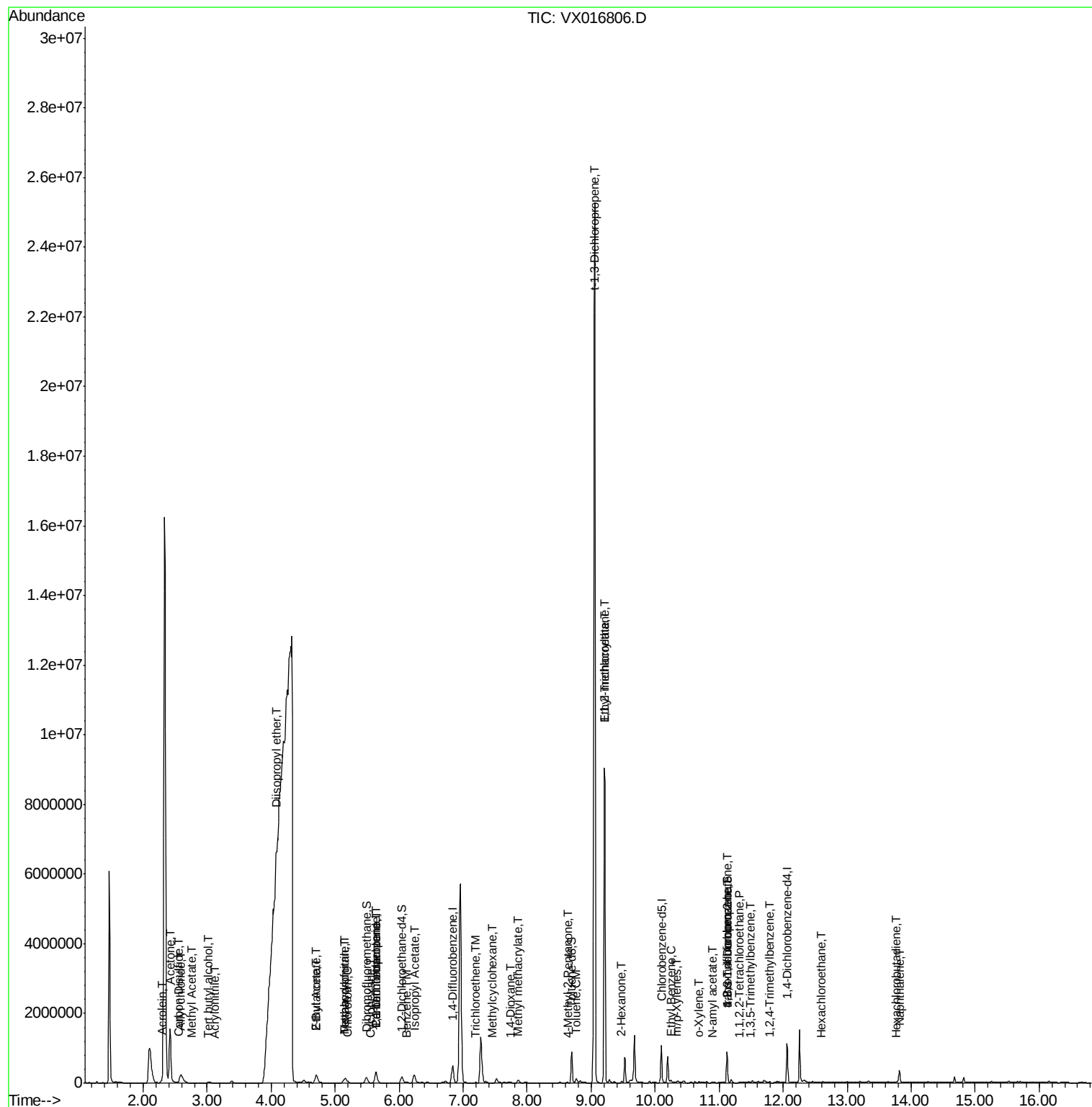
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) 1,3,5-Trimethylbenzene	11.49	105	5550	0.418	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.12	75	105084	52.151	ug/l #	13
84) 1,2,4-Trimethylbenzene	11.79	105	11746	0.875	ug/l	93
90) Hexachloroethane	12.58	117	685	0.273	ug/l #	4
94) Hexachlorobutadiene	13.76	225	288	0.536	ug/l	81
95) Naphthalene	13.82	128	213986	12.909	ug/l	99

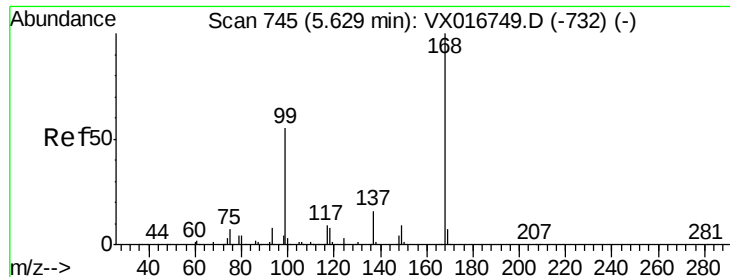
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016806.D

Acq: 17 Jun 2020 02:50

Instrument :

MSVOA_X

ClientSampleId :

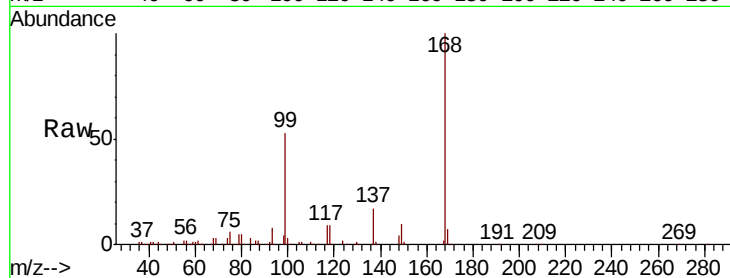
31030

Tot Ion:168 Resp: 302786

Ion Ratio Lower Upper

168 100

99 53.4 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

60000

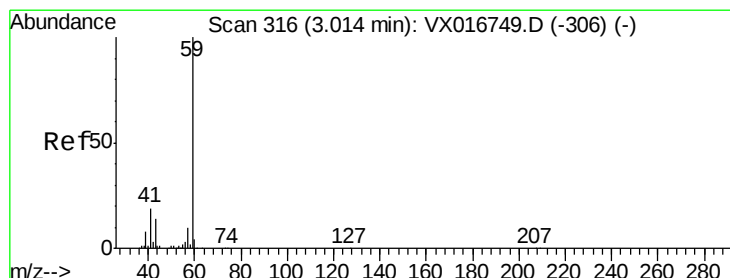
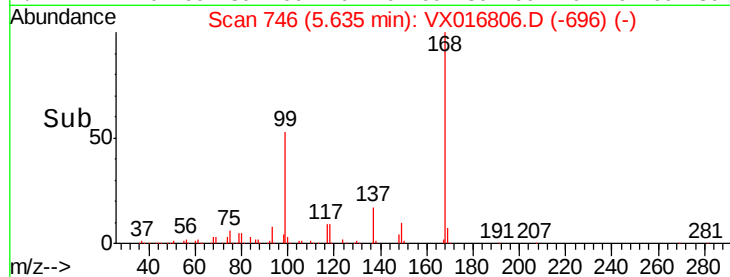
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 55.863 ug/l

RT: 3.02 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX016806.D

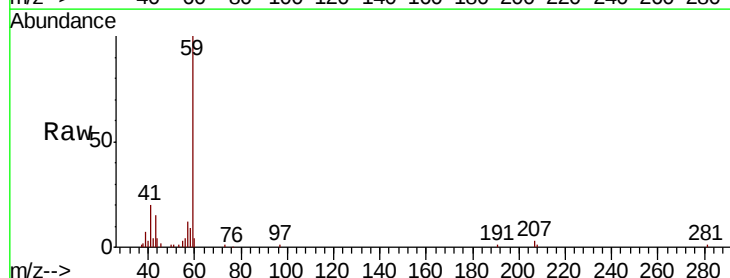
Acq: 17 Jun 2020 02:50

Tgt Ion: 59 Resp: 47796

Ion Ratio Lower Upper

59 100

57 11.1 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.02

12000

10000

8000

6000

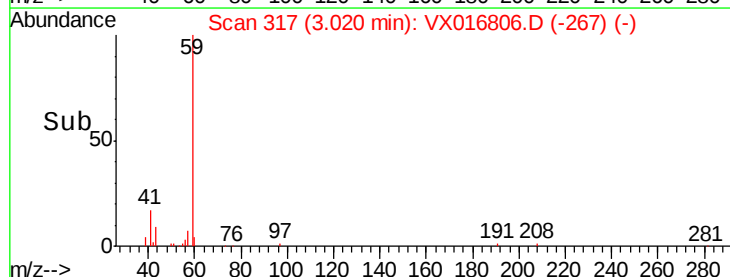
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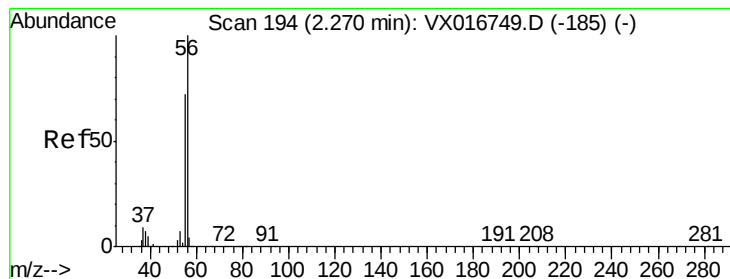
2000

0

Time-->

2.90 3.00 3.10 3.20





#13

Acrolein

Concen: 153.733 ug/l

RT: 2.29 min Scan# 197

Delta R.T. 0.02 min

Lab File: VX016806.D

Acq: 17 Jun 2020 02:50

Instrument :

MSVOA_X

ClientSampleId :

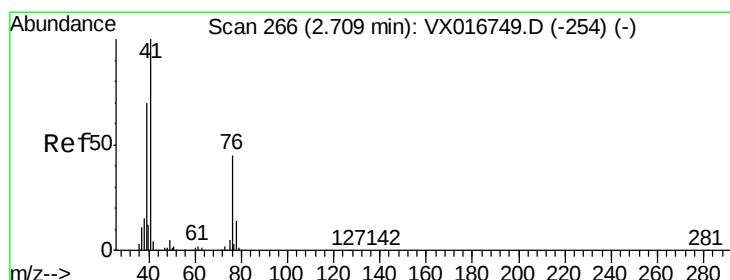
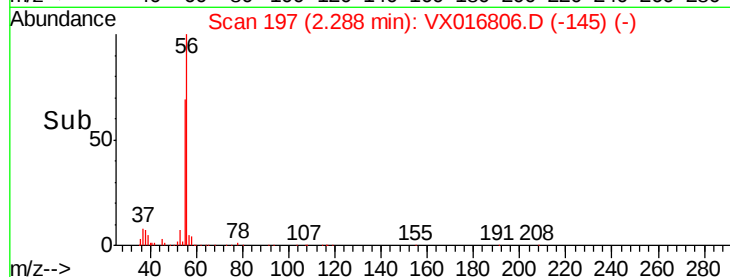
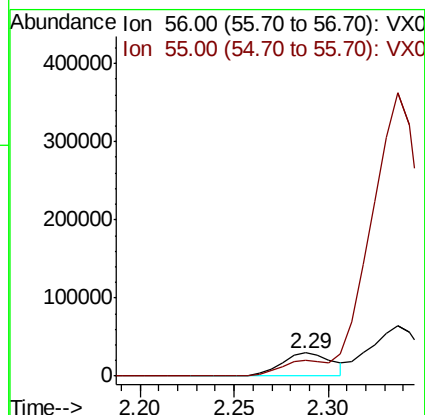
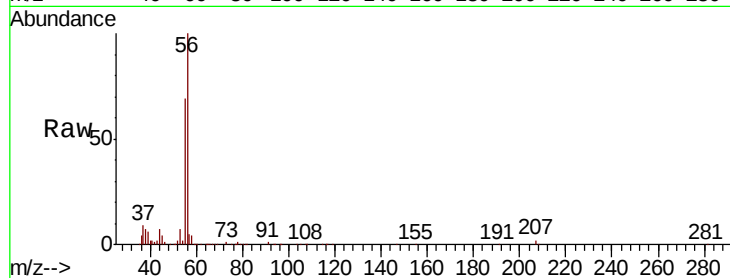
31030

Tot Ion: 56 Resp: 55679

Ion Ratio Lower Upper

56 100

55 0.0 58.2 87.4#



#14

Allyl chloride

Concen: 9.656 ug/l

RT: 2.59 min Scan# 246

Delta R.T. -0.12 min

Lab File: VX016806.D

Acq: 17 Jun 2020 02:50

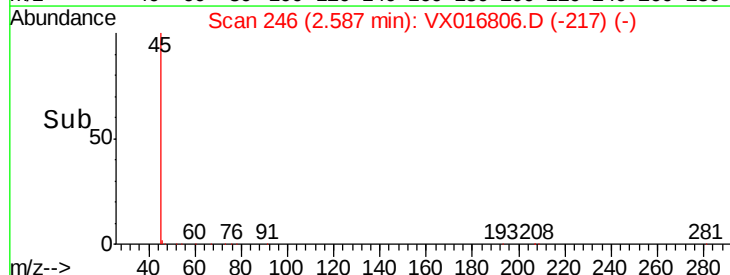
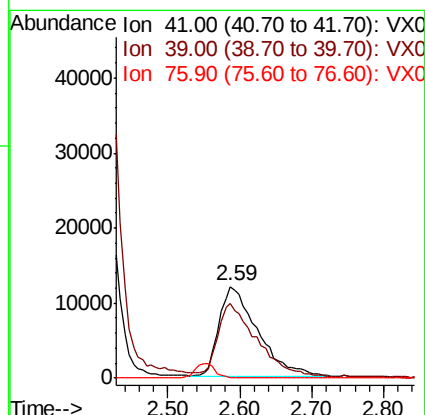
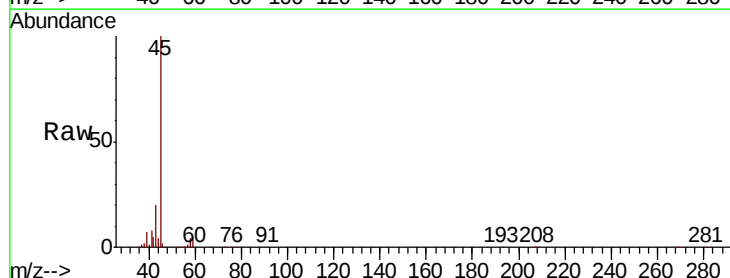
Tgt Ion: 41 Resp: 44695

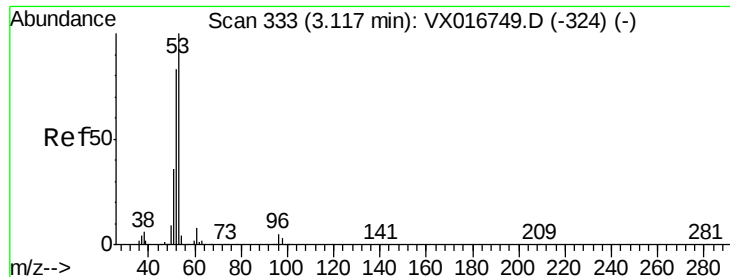
Ion Ratio Lower Upper

41 100

39 81.3 50.2 75.4#

76 0.0 30.4 45.6#





#15

Acrylonitrile

Concen: 0.293 ug/l

RT: 3.12 min Scan# 334

Delta R.T. 0.01 min

Lab File: VX016806.D

Acq: 17 Jun 2020 02:50

Instrument :

MSVOA_X

ClientSampleId :

31030

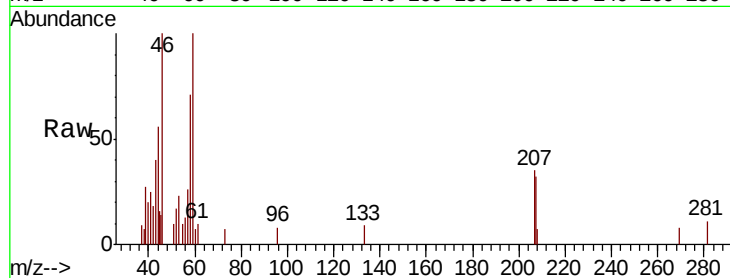
Tot Ion: 53 Resp: 508

Ion Ratio Lower Upper

53 100

52 46.9 65.5 98.3#

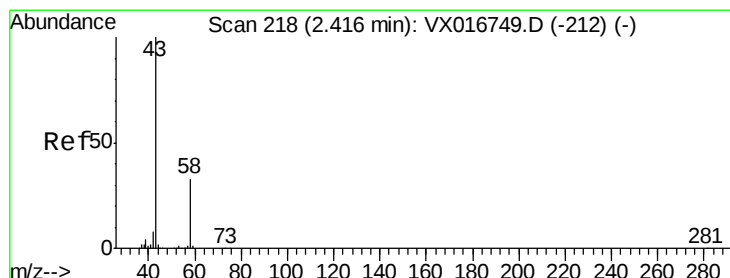
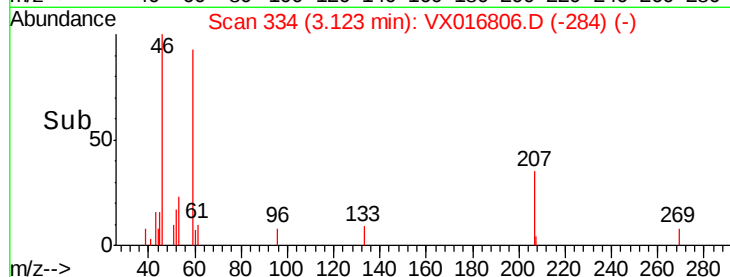
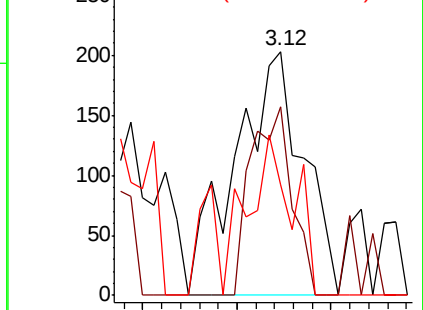
51 44.3 28.6 42.8#



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 935.551 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.01 min

Lab File: VX016806.D

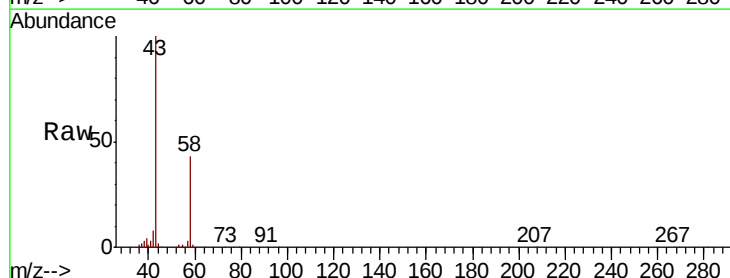
Acq: 17 Jun 2020 02:50

Tgt Ion: 43 Resp: 1445306

Ion Ratio Lower Upper

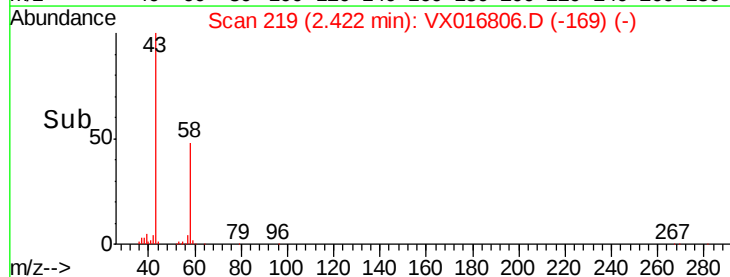
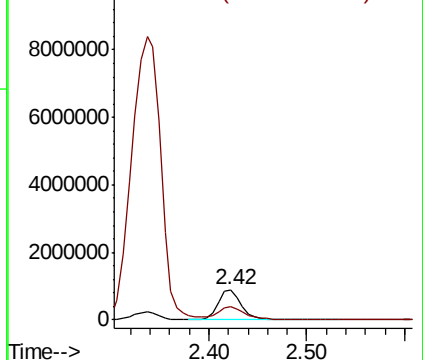
43 100

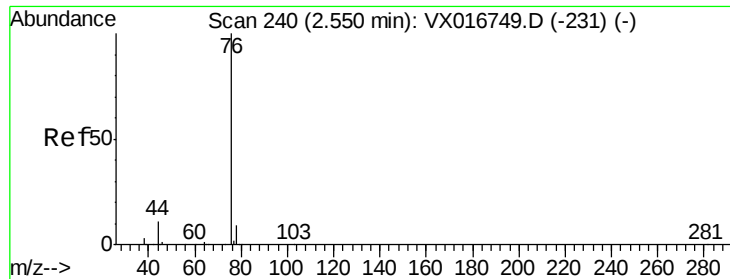
58 42.1 26.3 39.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

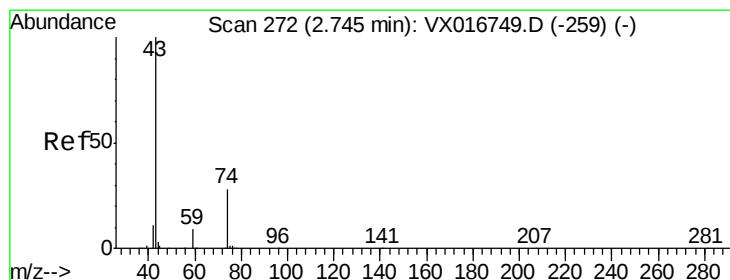
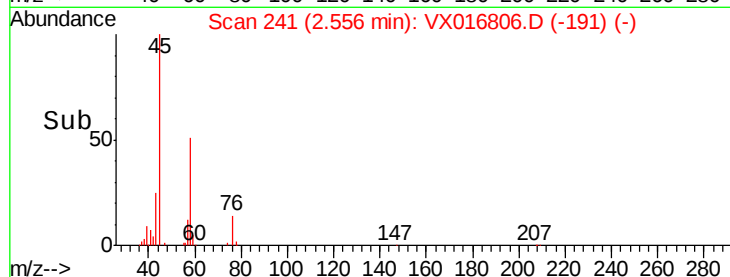
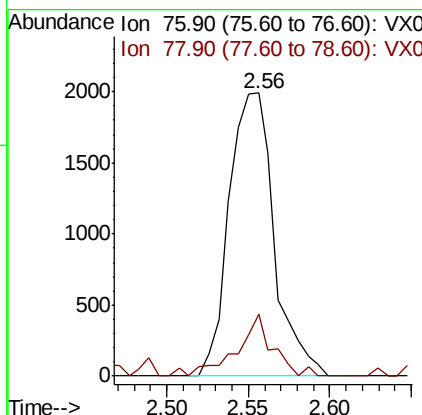
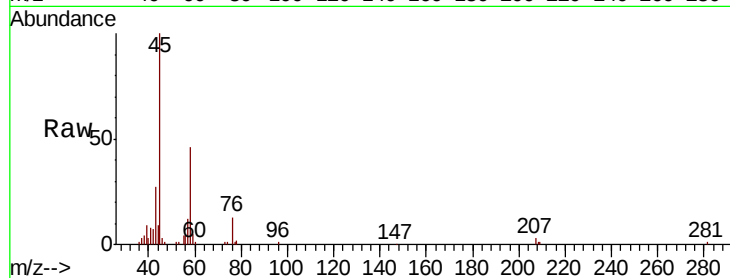




#17
Carbon Disulfide
Concen: 0.452 ug/l
RT: 2.56 min Scan# 241
Delta R.T. 0.01 min
Lab File: VX016806.D
Acq: 17 Jun 2020 02:50

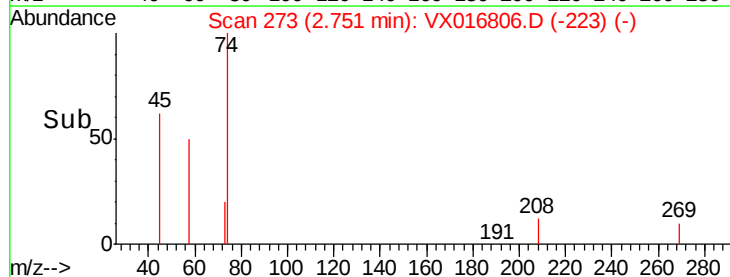
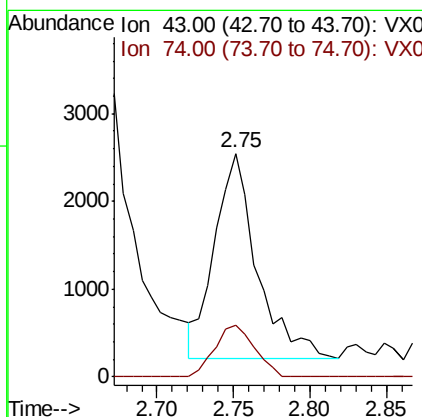
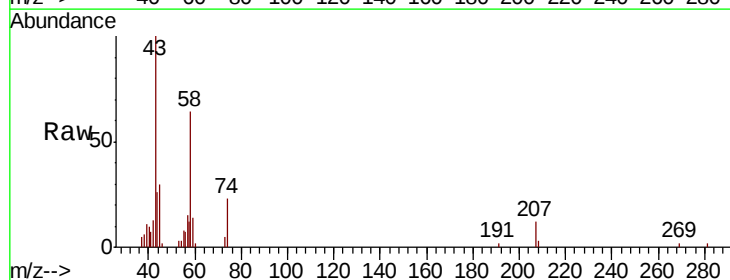
Instrument :
MSVOA_X
ClientSampled :
31030

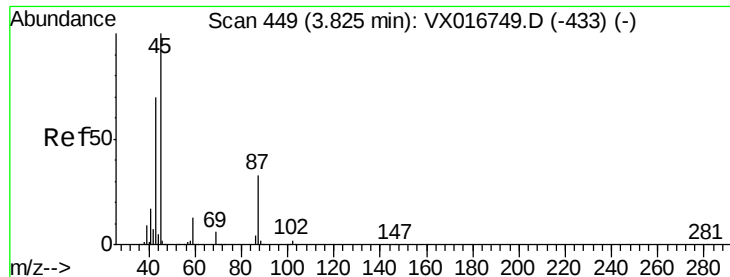
Tot Ion: 76 Resp: 3832
Ion Ratio Lower Upper
76 100
78 22.0 7.3 10.9#



#18
Methyl Acetate
Concen: 1.084 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX016806.D
Acq: 17 Jun 2020 02:50

Tgt Ion: 43 Resp: 4469
Ion Ratio Lower Upper
43 100
74 23.9 22.4 33.6





#22

Diisopropyl ether

Concen: 125.642 ug/l

RT: 4.08 min Scan# 491

Delta R.T. 0.26 min

Lab File: VX016806.D

Acq: 17 Jun 2020 02:50

Instrument :

MSVOA_X

ClientSampled :

31030

Tot Ion: 45 Resp: 1092321

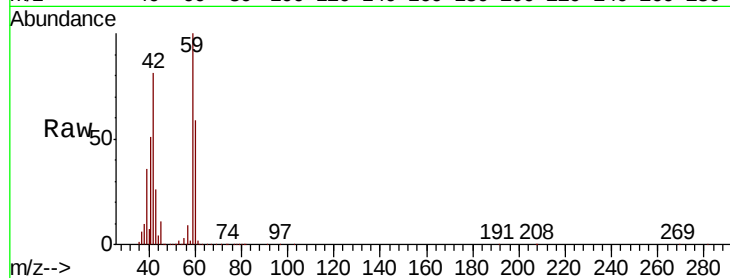
Ion Ratio Lower Upper

45 100

43 228.6 56.2 84.4#

87 0.0 26.2 39.4#

59 880.2 10.3 15.5#

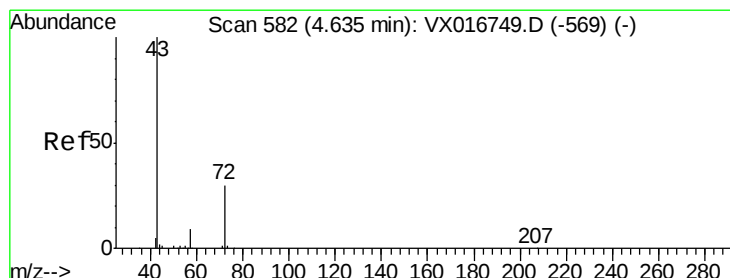
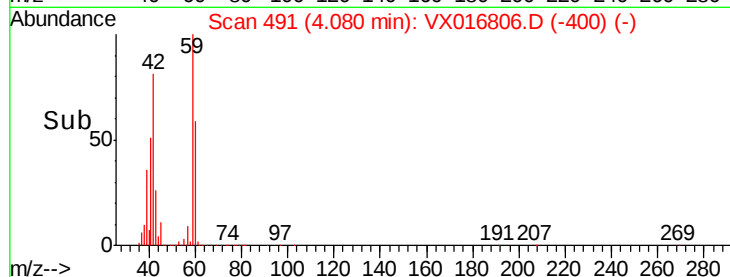
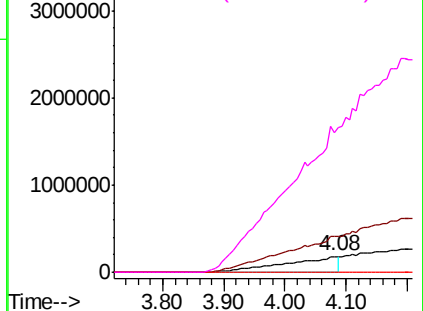


Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0



#25

2-Butanone

Concen: 176.218 ug/l

RT: 4.71 min Scan# 594

Delta R.T. 0.07 min

Lab File: VX016806.D

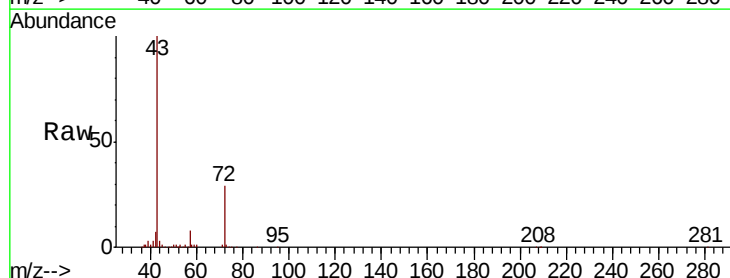
Acq: 17 Jun 2020 02:50

Tgt Ion: 43 Resp: 410286

Ion Ratio Lower Upper

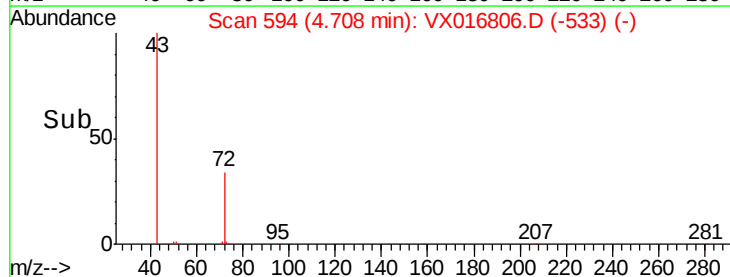
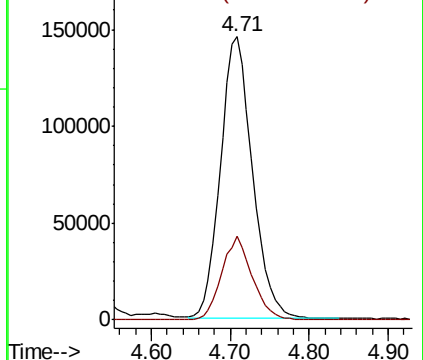
43 100

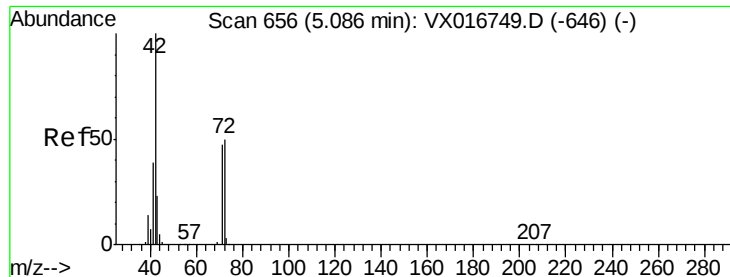
72 29.5 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#29

Tetrahydrofuran

Concen: 89.151 ug/l

RT: 5.14 min Scan# 665

Delta R.T. 0.05 min

Lab File: VX016806.D

Acq: 17 Jun 2020 02:50

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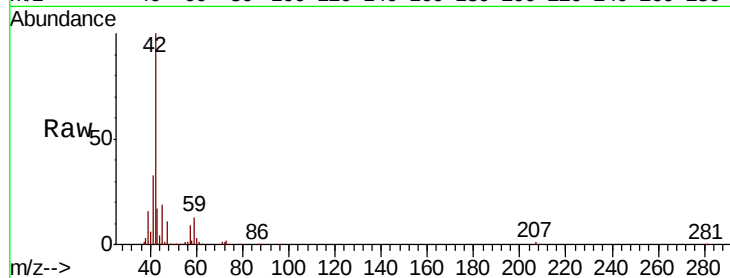
Tot Ion: 42 Resp: 134465

Ion Ratio Lower Upper

42 100

72 1.2 41.0 61.6#

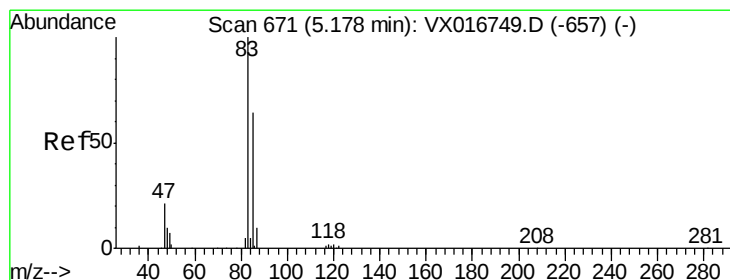
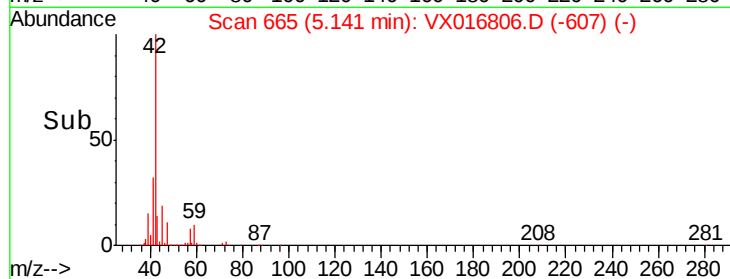
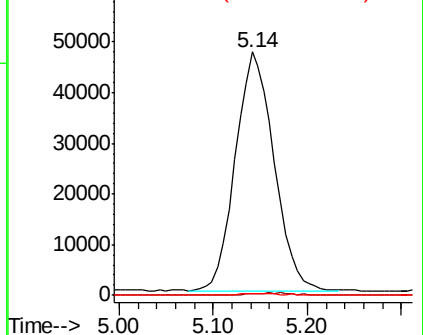
71 0.9 38.2 57.4#



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 0.590 ug/l

RT: 5.20 min Scan# 675

Delta R.T. 0.02 min

Lab File: VX016806.D

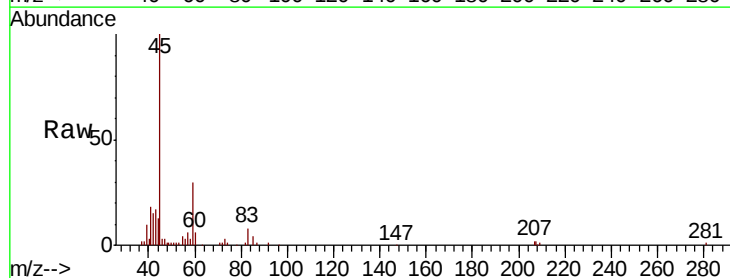
Acq: 17 Jun 2020 02:50

Tgt Ion: 83 Resp: 3395

Ion Ratio Lower Upper

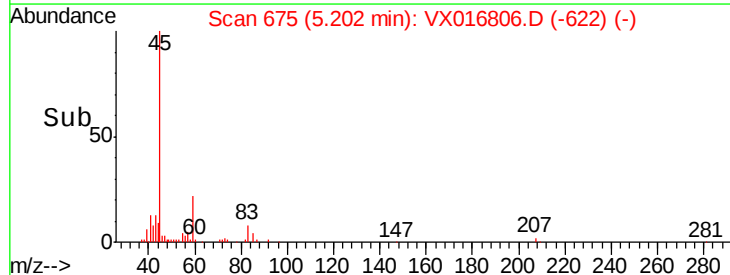
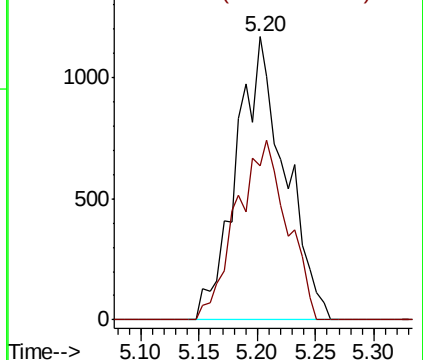
83 100

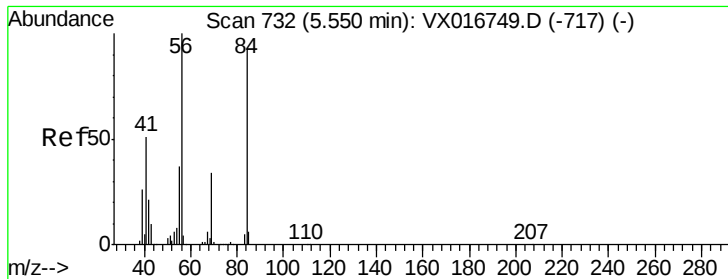
85 54.6 50.8 76.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 0.815 ug/l

RT: 5.56 min Scan# 733

Delta R.T. 0.01 min

Lab File: VX016806.D

Acq: 17 Jun 2020 02:50

Instrument :

MSVOA_X

ClientSampleId :

31030

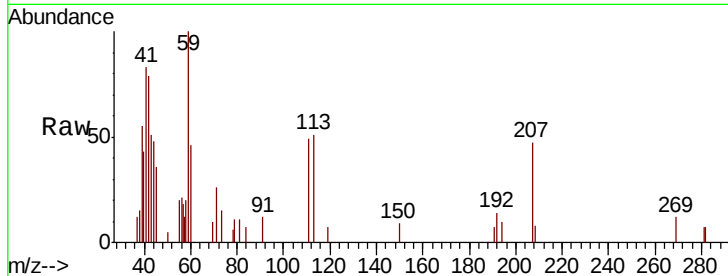
Tot Ion: 56 Resp: 532

Ion Ratio Lower Upper

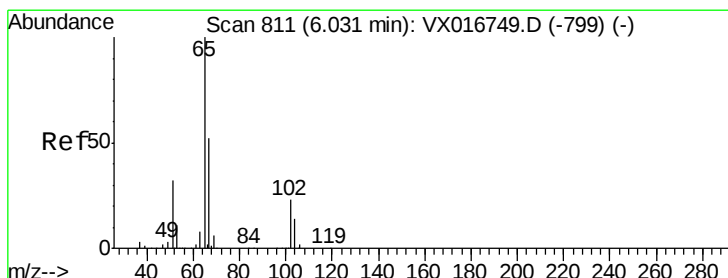
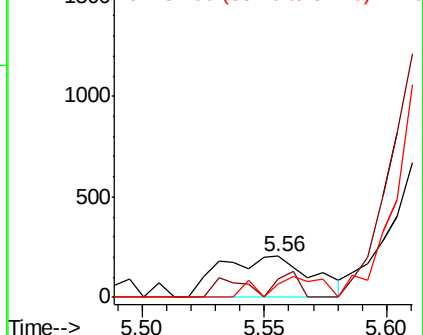
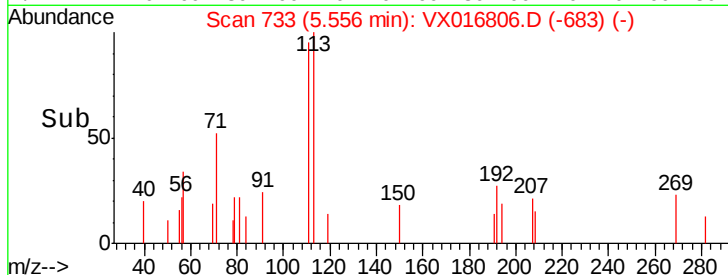
56 100

69 46.1 27.1 40.7#

84 32.4 74.0 111.0#



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: 49.525 ug/l

RT: 6.04 min Scan# 813

Delta R.T. 0.01 min

Lab File: VX016806.D

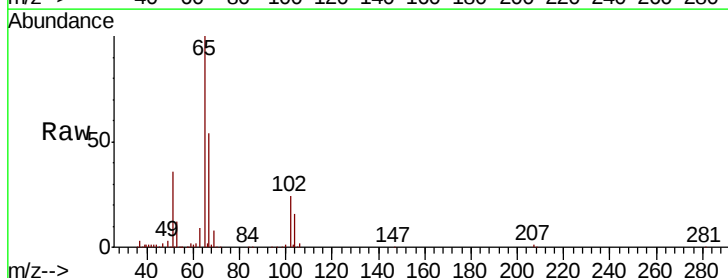
Acq: 17 Jun 2020 02:50

Tgt Ion: 65 Resp: 168660

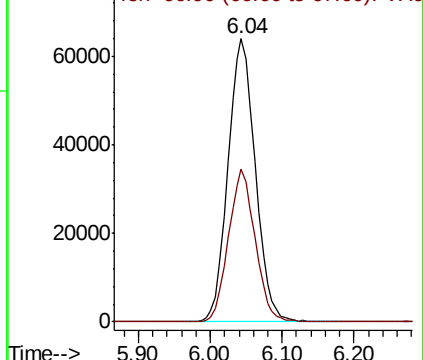
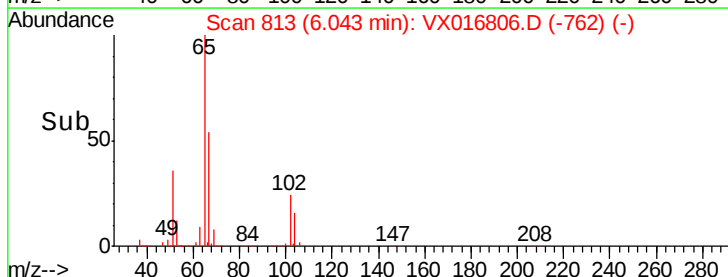
Ion Ratio Lower Upper

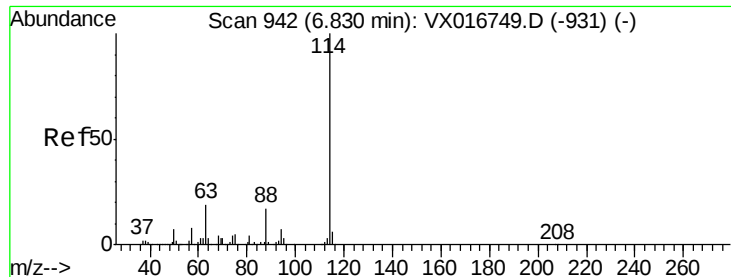
65 100

67 52.7 0.0 103.0



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: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016806.D

Acq: 17 Jun 2020 02:50

Instrument :

MSVOA_X

ClientSampleId :

31030

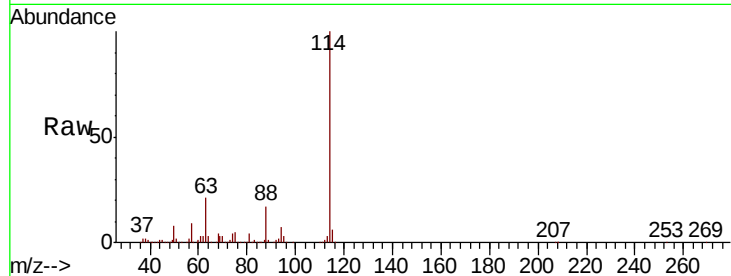
Tot Ion:114 Resp: 508481

Ion Ratio Lower Upper

114 100

63 20.8 0.0 38.8

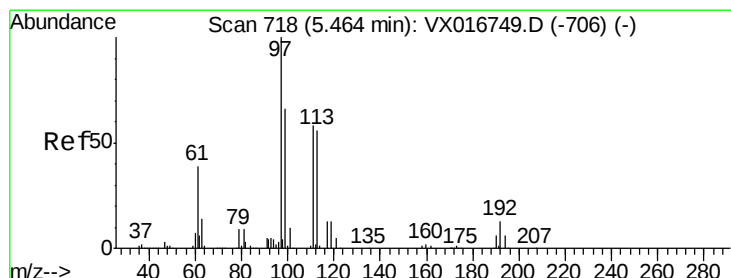
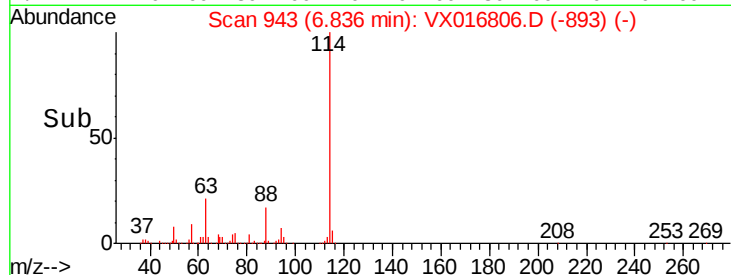
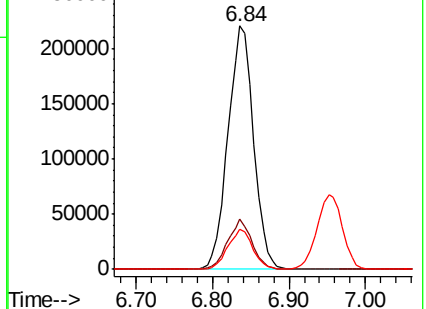
88 16.7 0.0 33.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 45.464 ug/l

RT: 5.49 min Scan# 722

Delta R.T. 0.02 min

Lab File: VX016806.D

Acq: 17 Jun 2020 02:50

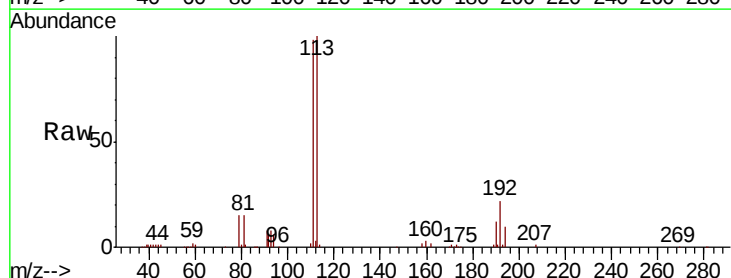
Tgt Ion:113 Resp: 142632

Ion Ratio Lower Upper

113 100

111 102.2 81.8 122.6

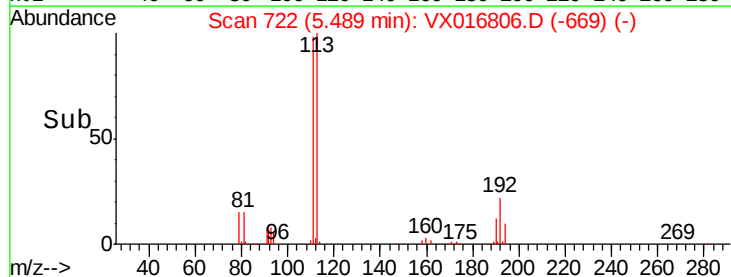
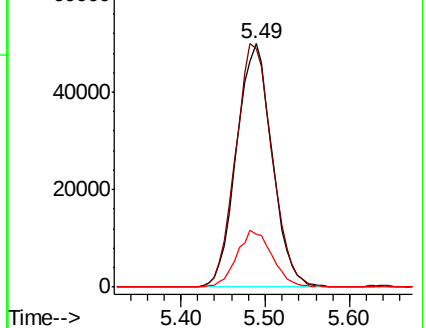
192 23.0 18.2 27.4

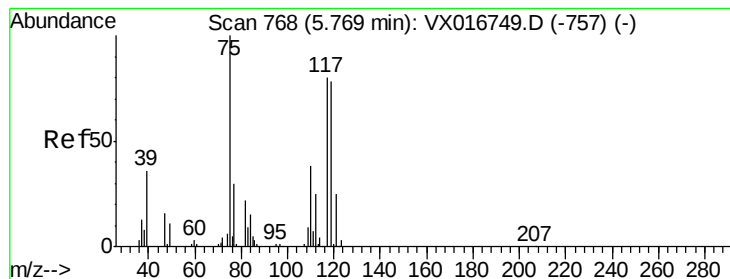


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.595 ug/l

RT: 5.64 min Scan# 747

Delta R.T. -0.13 min

Lab File: VX016806.D

Acq: 17 Jun 2020 02:50

Instrument :

MSVOA_X

ClientSampled :

31030

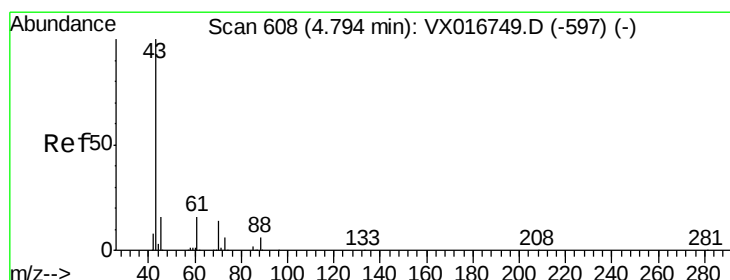
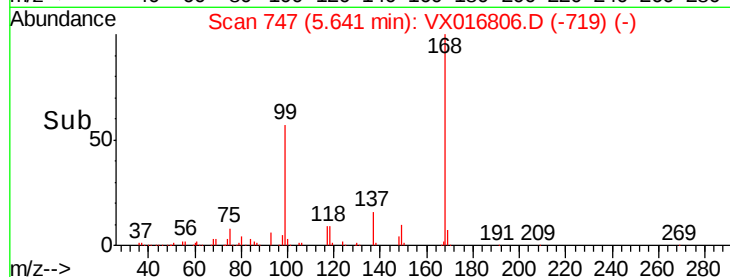
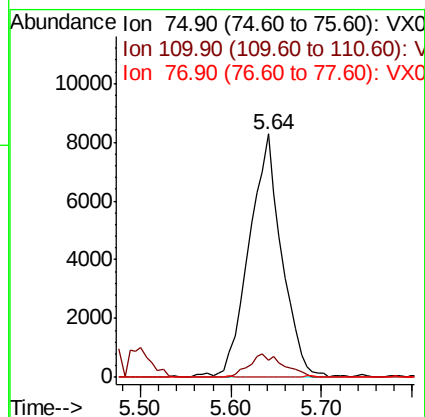
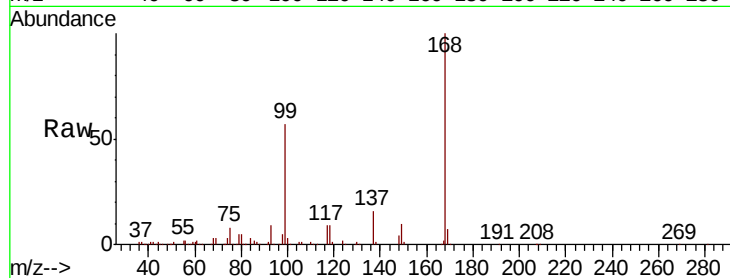
Tot Ion: 75 Resp: 20649

Ion Ratio Lower Upper

75 100

110 9.9 18.4 55.2#

77 0.0 24.7 37.1#



#37

Ethyl Acetate

Concen: 83.374 ug/l

RT: 4.71 min Scan# 594

Delta R.T. -0.09 min

Lab File: VX016806.D

Acq: 17 Jun 2020 02:50

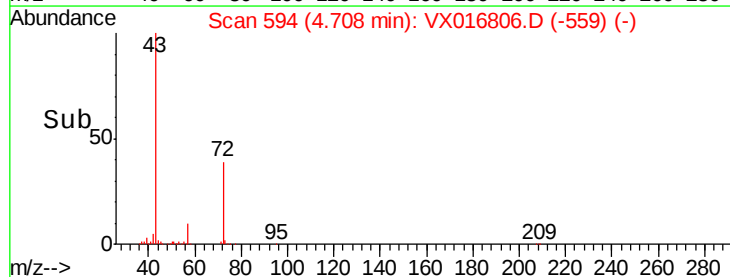
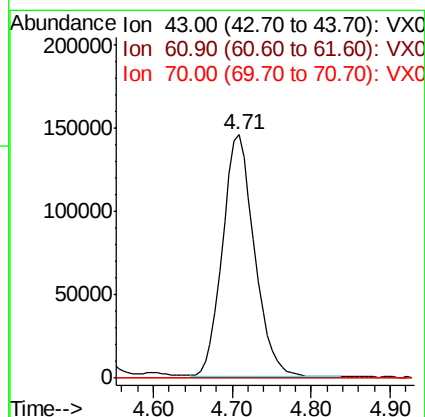
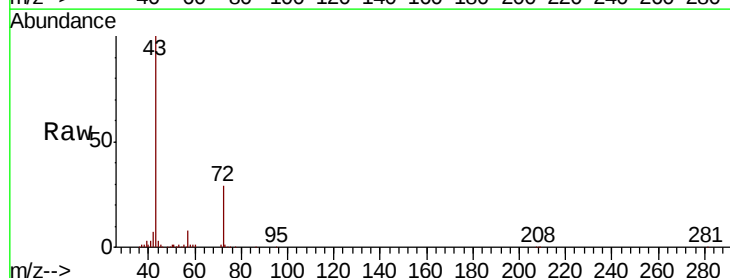
Tgt Ion: 43 Resp: 410286

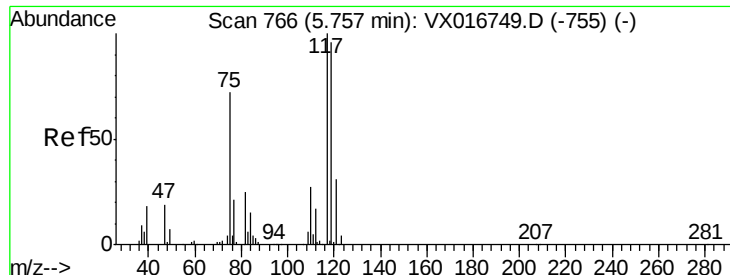
Ion Ratio Lower Upper

43 100

61 0.0 12.4 18.6#

70 0.0 10.8 16.2#





#38

Carbon Tetrachloride

Concen: 5.605 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.13 min

Lab File: VX016806.D

Acq: 17 Jun 2020 02:50

Instrument :

MSVOA_X

ClientSampleId :

31030

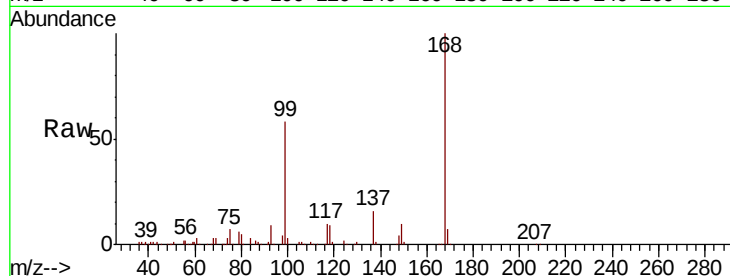
Tot Ion:117 Resp: 28604

Ion Ratio Lower Upper

117 100

119 5.7 76.7 115.1#

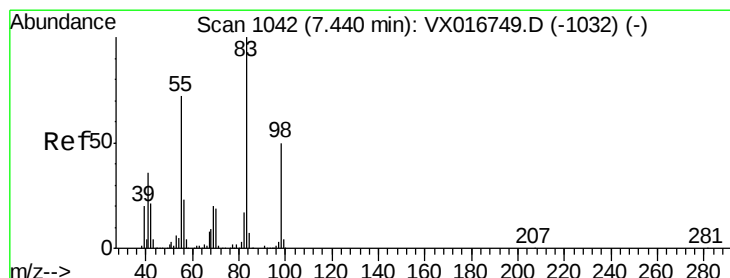
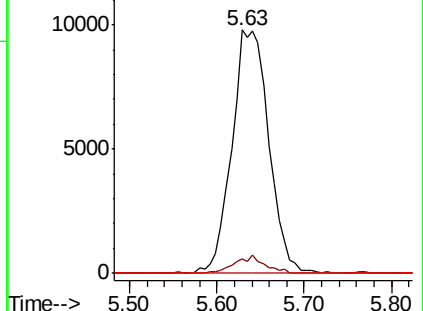
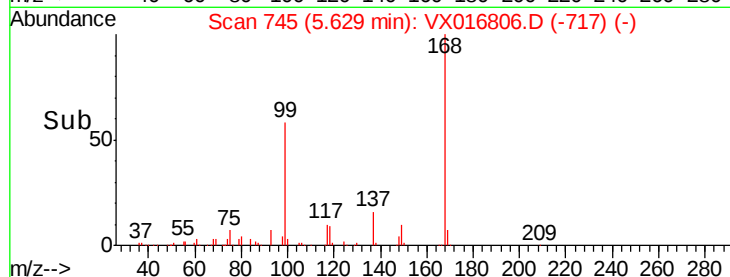
121 0.0 24.7 37.1#



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: 1.050 ug/l

RT: 7.45 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX016806.D

Acq: 17 Jun 2020 02:50

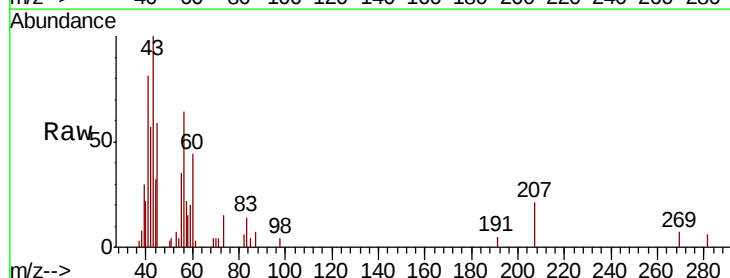
Tgt Ion: 83 Resp: 515

Ion Ratio Lower Upper

83 100

55 158.8 57.3 85.9#

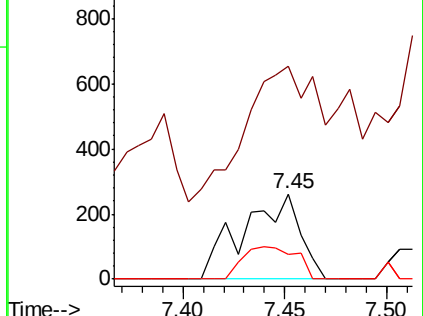
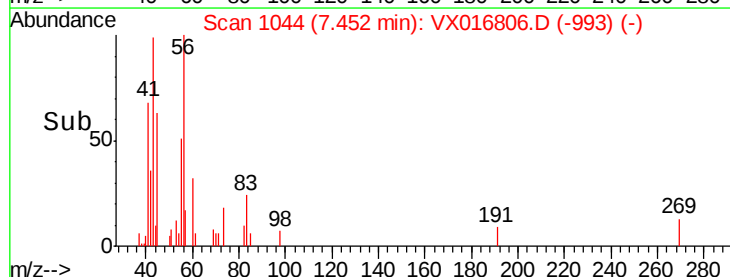
98 29.4 40.3 60.5#

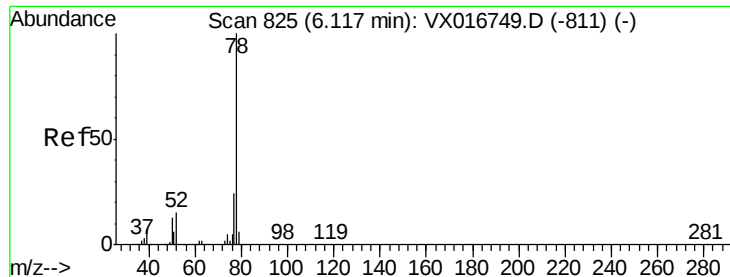


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 1.472 ug/l

RT: 6.12 min Scan# 825

Delta R.T. -0.00 min

Lab File: VX016806.D

Acq: 17 Jun 2020 02:50

Instrument :

MSVOA_X

ClientSampleId :

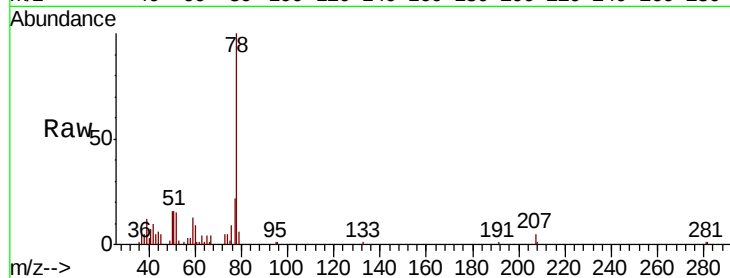
31030

Tot Ion: 78 Resp: 20146

Ion Ratio Lower Upper

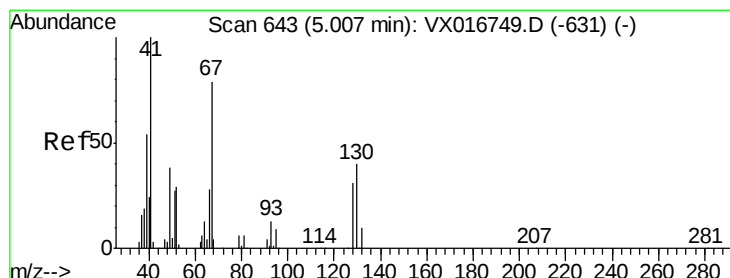
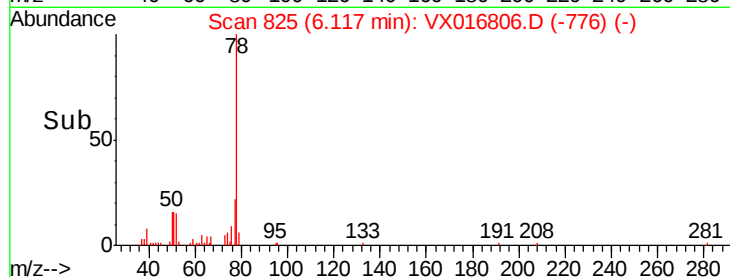
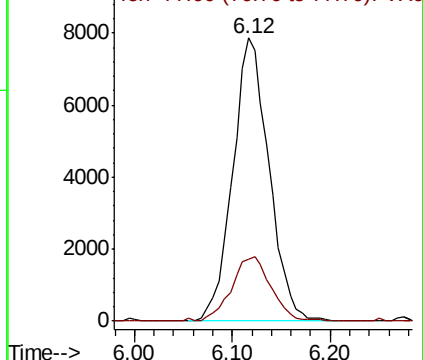
78 100

77 22.0 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#41

Methacrylonitrile

Concen: 21.350 ug/l

RT: 5.15 min Scan# 666

Delta R.T. 0.14 min

Lab File: VX016806.D

Acq: 17 Jun 2020 02:50

Tgt Ion: 41 Resp: 56019

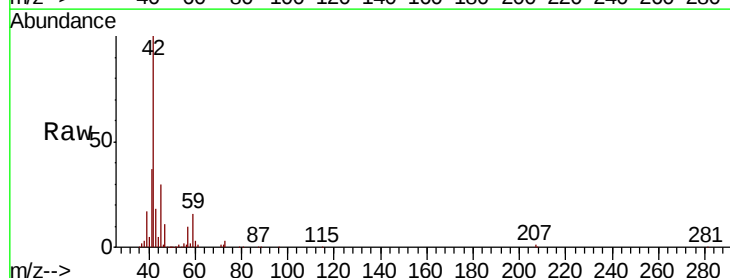
Ion Ratio Lower Upper

41 100

39 45.0 43.7 65.5

67 0.0 64.6 96.8#

52 0.0 25.6 38.4#

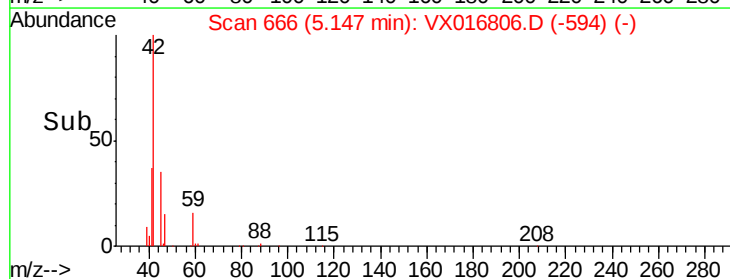
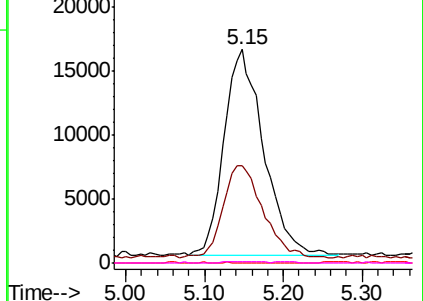


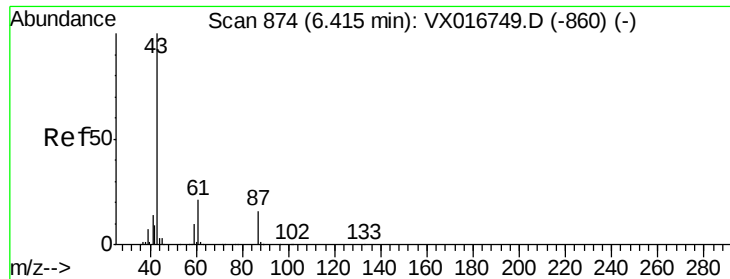
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



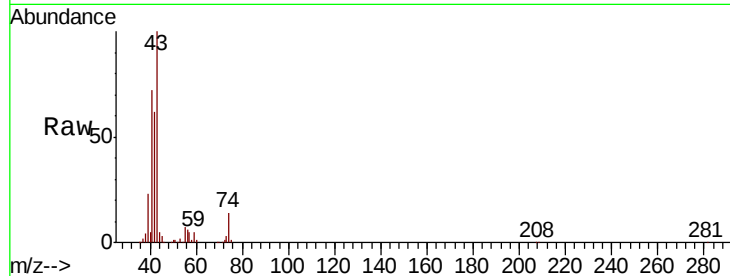


#43

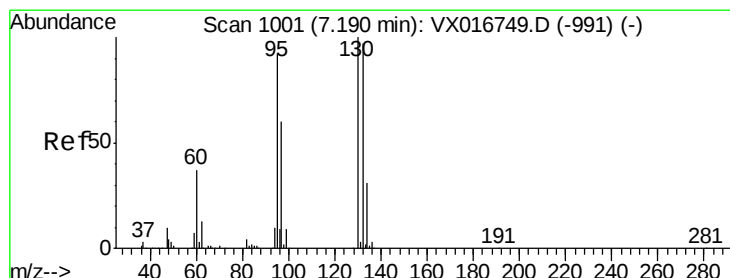
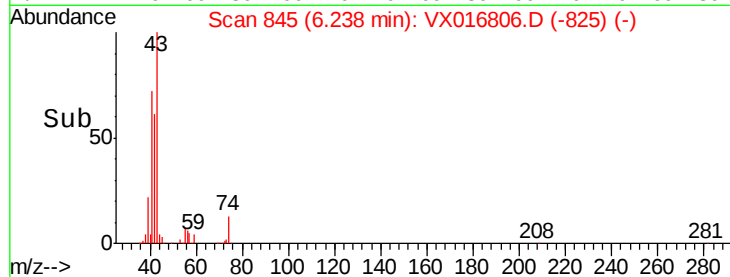
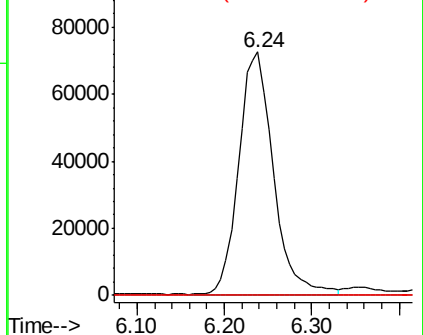
Isopropyl Acetate
 Concen: 25.733 ug/l
 RT: 6.24 min Scan# 845
 Delta R.T. -0.18 min
 Lab File: VX016806.D
 Acq: 17 Jun 2020 02:50

Instrument :
 MSVOA_X
 ClientSampleId :
 31030

Tot Ion: 43 Resp: 198464
 Ion Ratio Lower Upper
 43 100
 61 0.0 17.7 26.5#
 87 0.0 12.5 18.7#



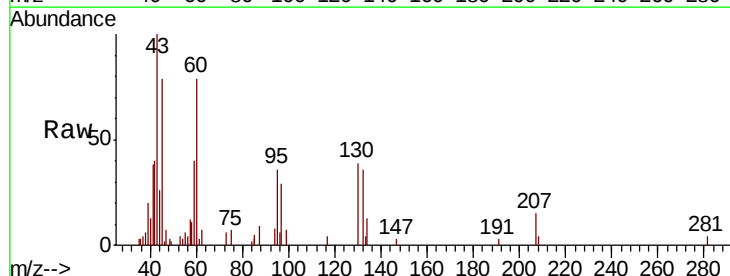
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



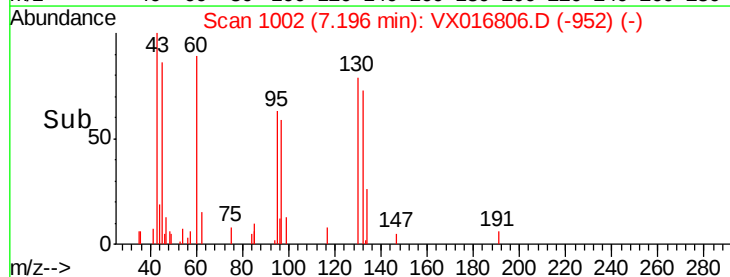
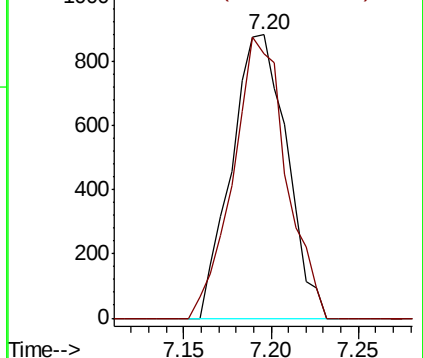
#44

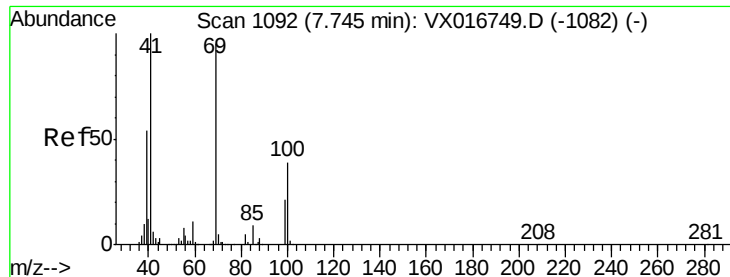
Trichloroethene
 Concen: 0.457 ug/l
 RT: 7.20 min Scan# 1002
 Delta R.T. 0.01 min
 Lab File: VX016806.D
 Acq: 17 Jun 2020 02:50

Tgt Ion:130 Resp: 1936
 Ion Ratio Lower Upper
 130 100
 95 93.4 0.0 183.6



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

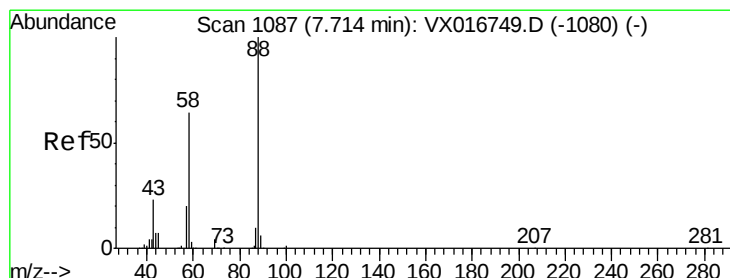
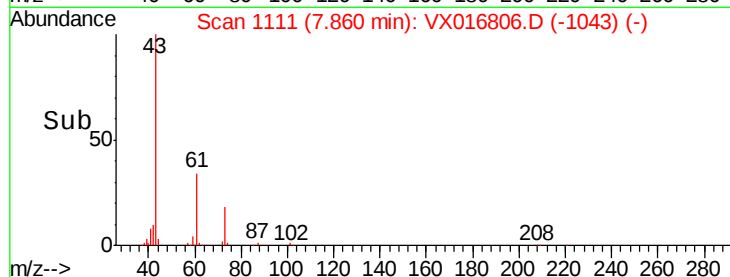
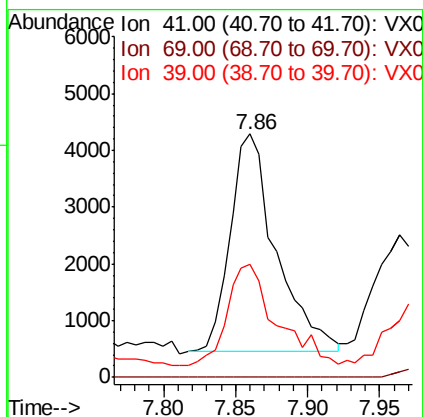
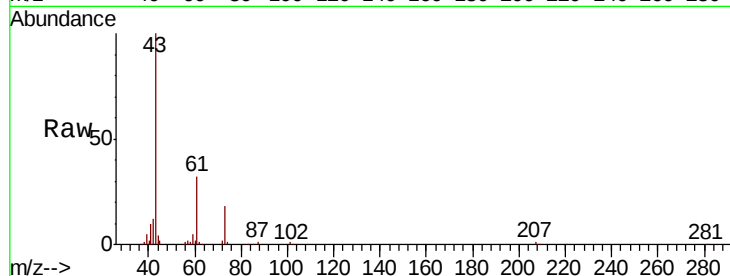




#48
Methvl methacrylate
Concen: 2.318 ug/l
RT: 7.86 min Scan# 1111
Delta R.T. 0.12 min
Lab File: VX016806.D
Acq: 17 Jun 2020 02:50

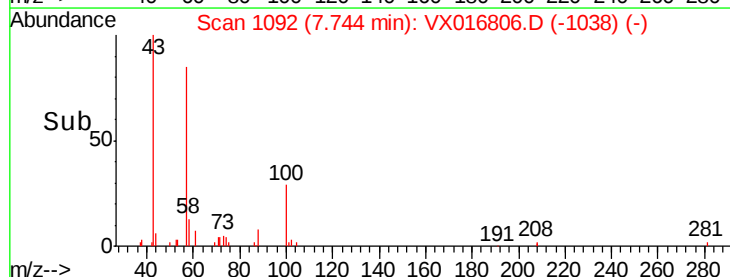
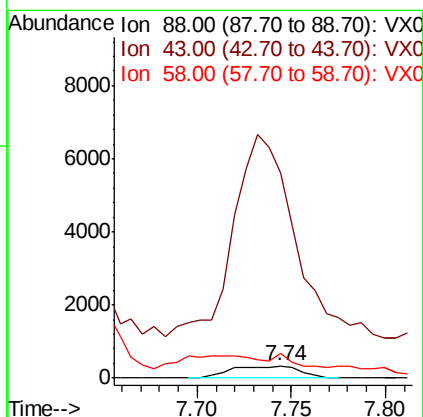
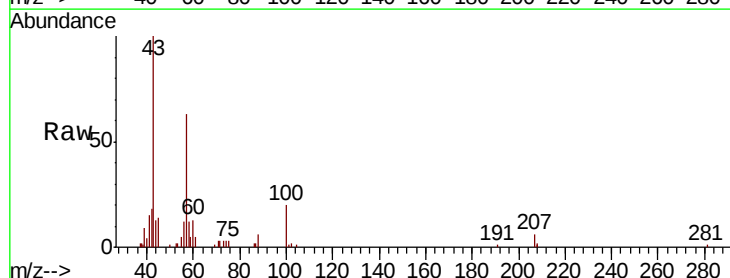
Instrument :
MSVOA_X
ClientSampleId :
31030

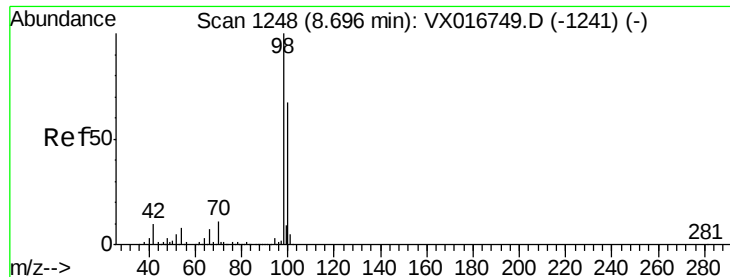
Tot Ion: 41 Resp: 8472
Ion Ratio Lower Upper
41 100
69 0.0 75.0 112.6#
39 50.5 44.3 66.5



#49
1,4-Dioxane
Concen: 9.042 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. 0.03 min
Lab File: VX016806.D
Acq: 17 Jun 2020 02:50

Tgt Ion: 88 Resp: 818
Ion Ratio Lower Upper
88 100
43 1536.7 22.9 34.3#
58 0.0 53.7 80.5#

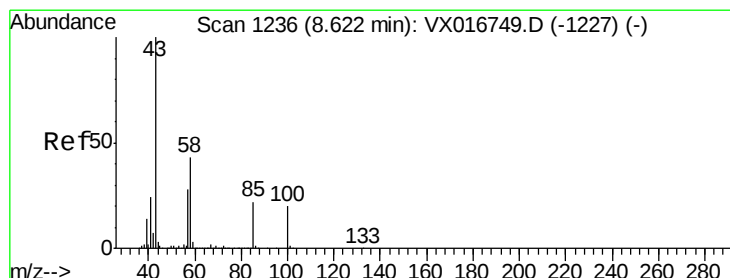
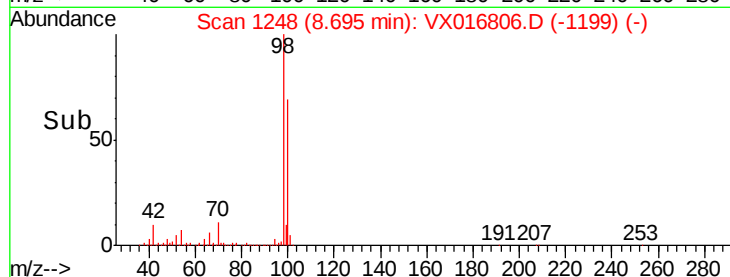
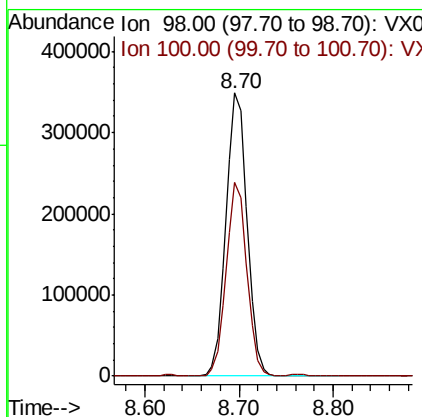
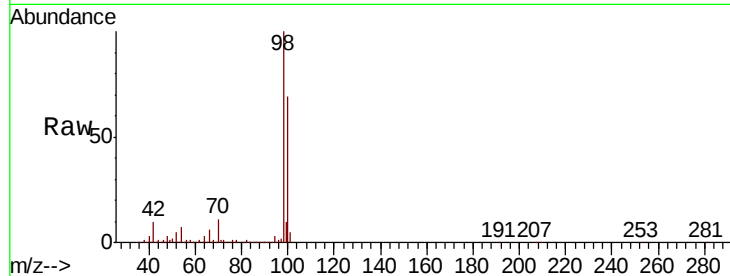




#50
Toluene-d8
Concen: 46.950 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016806.D
Acq: 17 Jun 2020 02:50

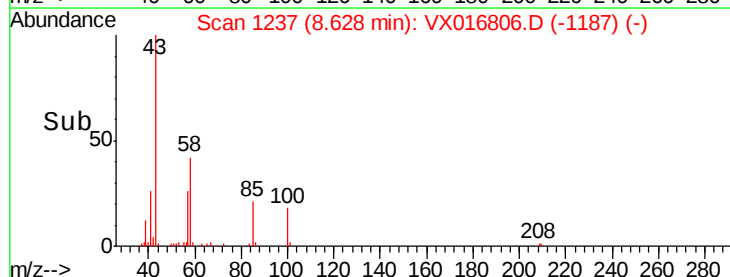
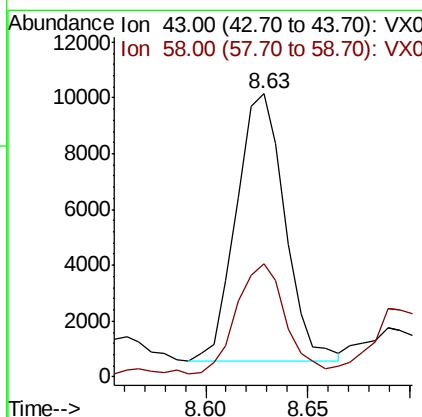
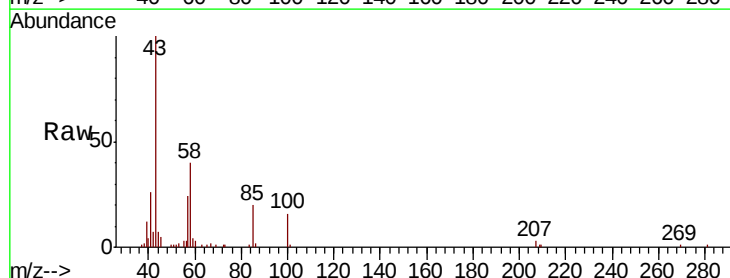
Instrument :
MSVOA_X
ClientSampleId :
31030

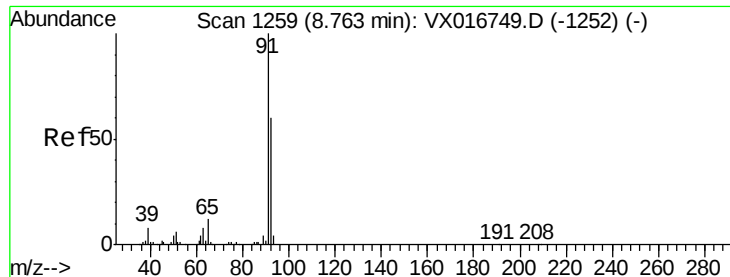
Tot Ion: 98 Resp: 543114
Ion Ratio Lower Upper
98 100
100 66.7 53.9 80.9



#51
4-Methyl-2-Pentanone
Concen: 3.311 ug/l
RT: 8.63 min Scan# 1237
Delta R.T. 0.01 min
Lab File: VX016806.D
Acq: 17 Jun 2020 02:50

Tgt Ion: 43 Resp: 15736
Ion Ratio Lower Upper
43 100
58 42.7 34.6 52.0





#52

Toluene

Concen: 2.718 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX016806.D

Acq: 17 Jun 2020 02:50

Instrument :

MSVOA_X

ClientSampleId :

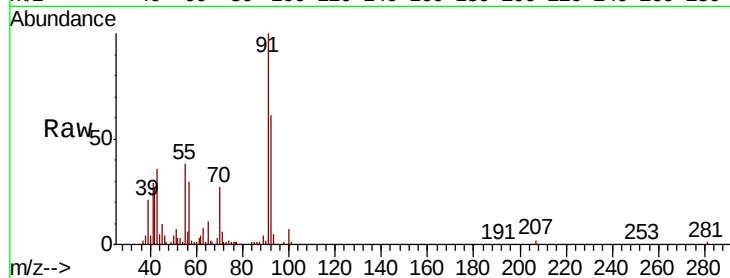
31030

Tot Ion: 92 Resp: 24157

Ion Ratio Lower Upper

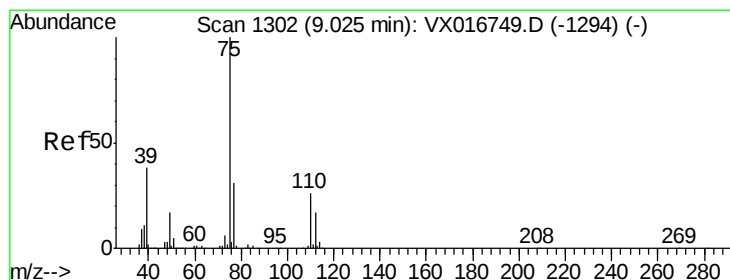
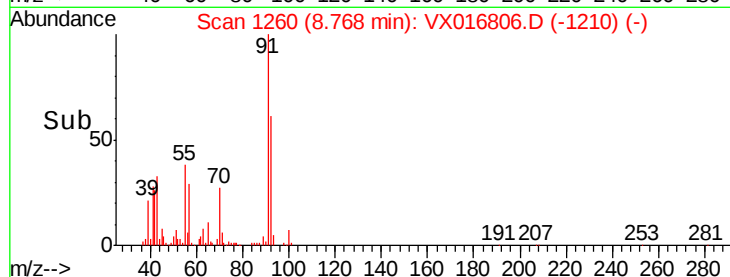
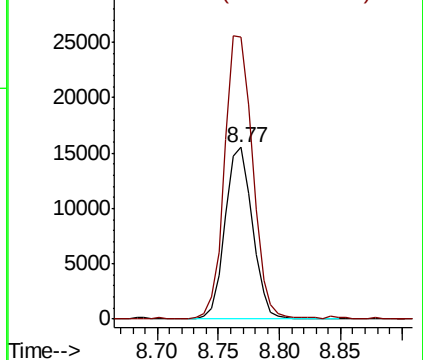
92 100

91 168.9 136.1 204.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#53

t-1,3-Dichloropropene

Concen: 8.389 ug/l

RT: 9.06 min Scan# 1307

Delta R.T. 0.03 min

Lab File: VX016806.D

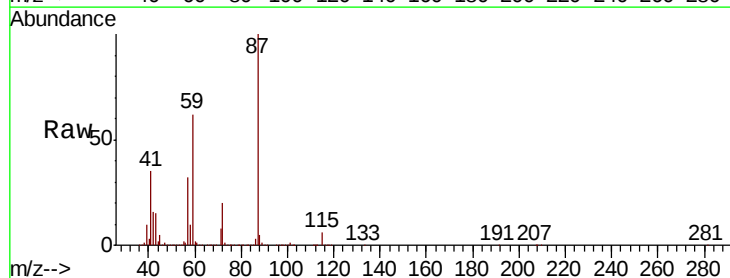
Acq: 17 Jun 2020 02:50

Tgt Ion: 75 Resp: 48288

Ion Ratio Lower Upper

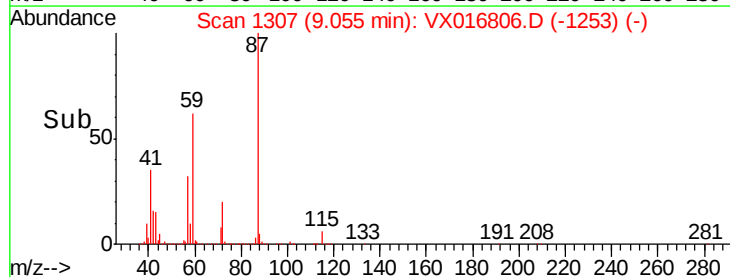
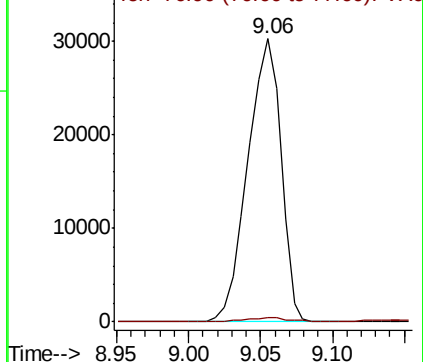
75 100

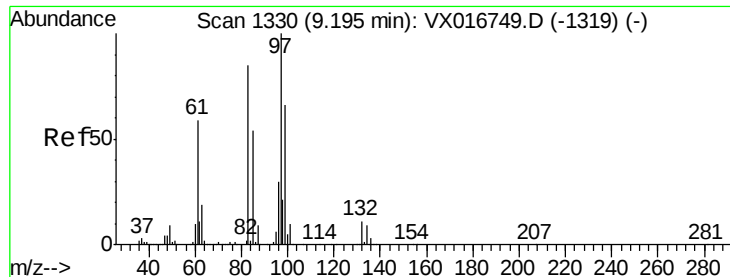
77 1.4 24.7 37.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0





#55

1,1,2-Trichloroethane

Concen: 1.049 ug/l

RT: 9.21 min Scan# 1333

Delta R.T. 0.02 min

Lab File: VX016806.D

Acq: 17 Jun 2020 02:50

Instrument :

MSVOA_X

ClientSampleId :

31030

Tot Ion: 97 Resp: 3750

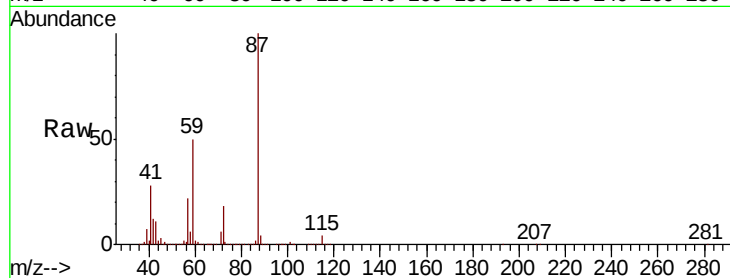
Ion Ratio Lower Upper

97 100

83 371.0 68.3 102.5#

85 260.2 43.5 65.3#

99 8.9 52.4 78.6#



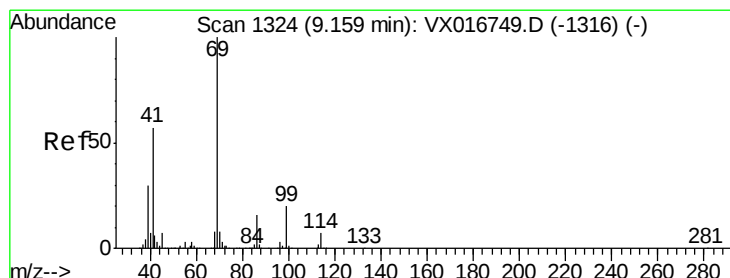
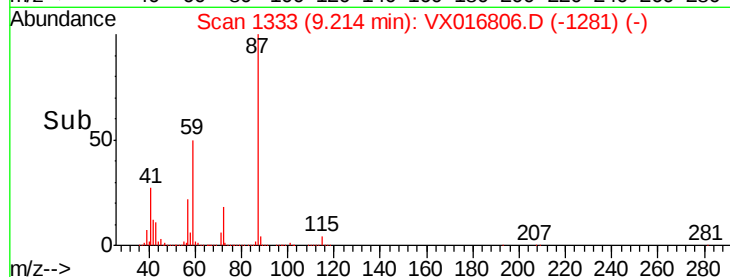
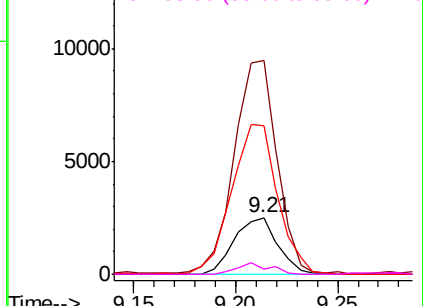
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 1.394 ug/l

RT: 9.21 min Scan# 1332

Delta R.T. 0.05 min

Lab File: VX016806.D

Acq: 17 Jun 2020 02:50

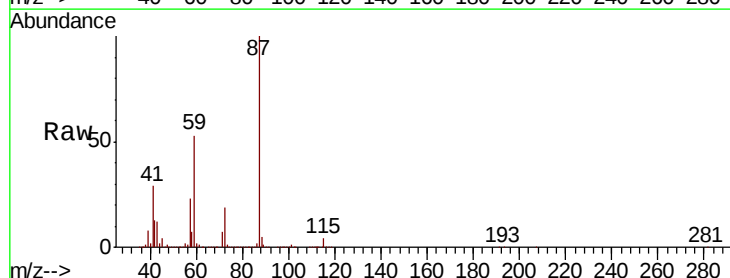
Tgt Ion: 69 Resp: 7460

Ion Ratio Lower Upper

69 100

41 16985.8 47.1 70.7#

39 4580.5 25.0 37.6#

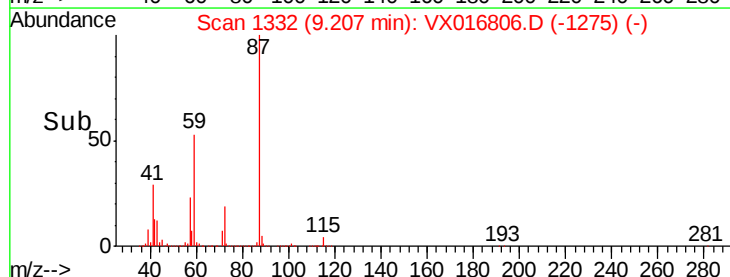
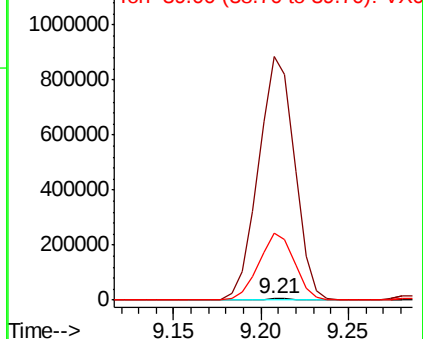


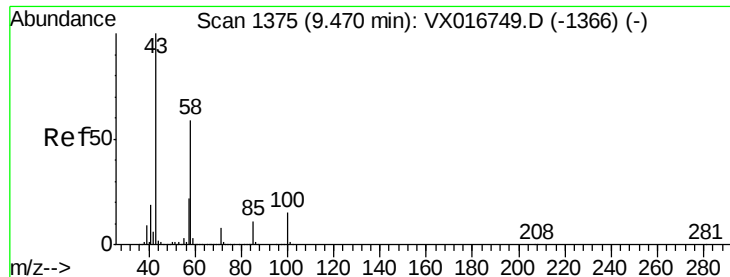
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

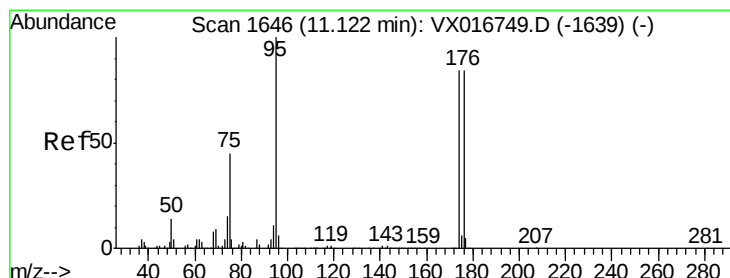
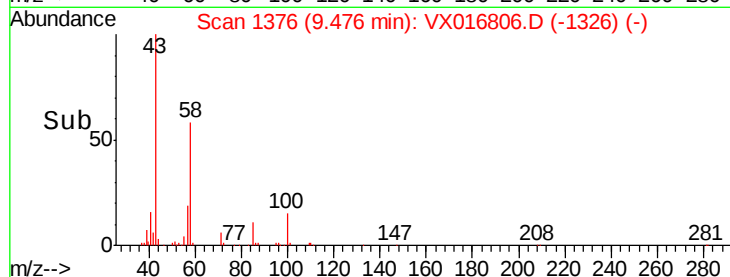
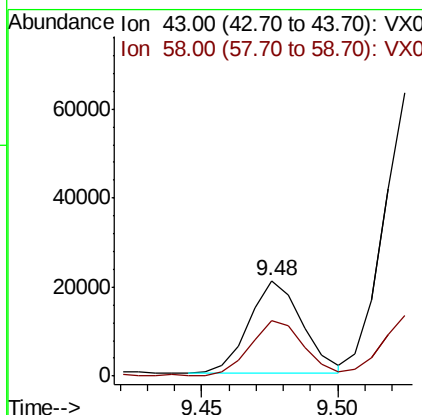
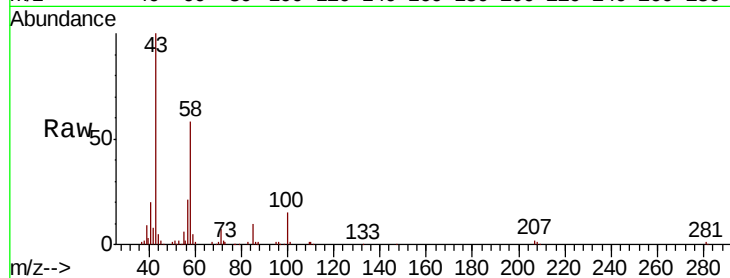




#59
2-Hexanone
Concen: 7.697 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX016806.D
Acq: 17 Jun 2020 02:50

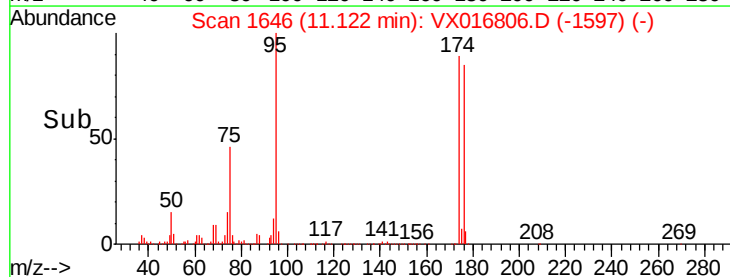
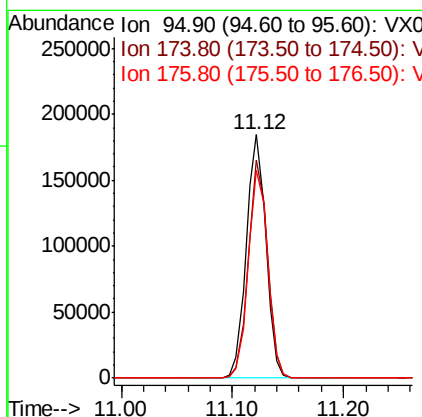
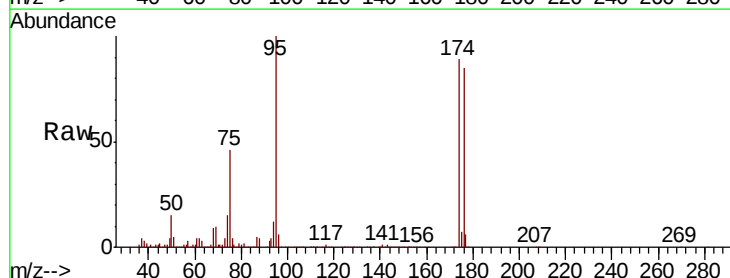
Instrument :
MSVOA_X
ClientSampled :
31030

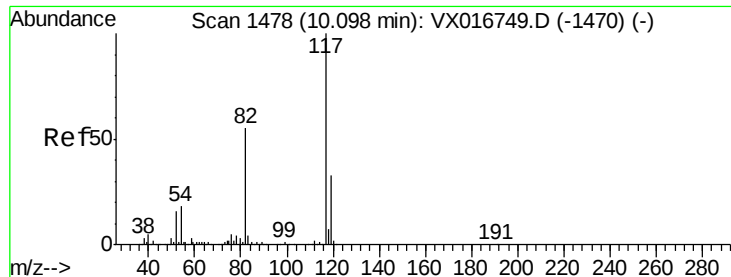
Tot Ion: 43 Resp: 28237
Ion Ratio Lower Upper
43 100
58 59.4 29.9 89.8



#62
4-Bromofluorobenzene
Concen: 50.934 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016806.D
Acq: 17 Jun 2020 02:50

Tgt Ion: 95 Resp: 225367
Ion Ratio Lower Upper
95 100
174 88.0 0.0 171.0
176 85.1 0.0 166.2

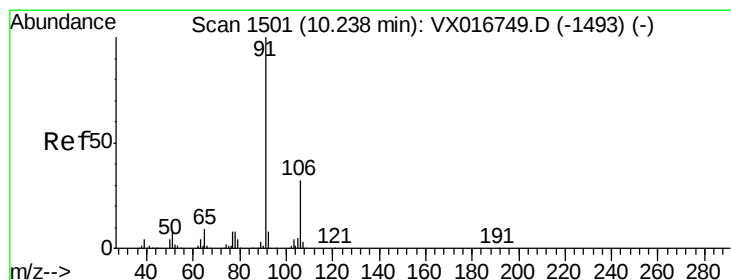
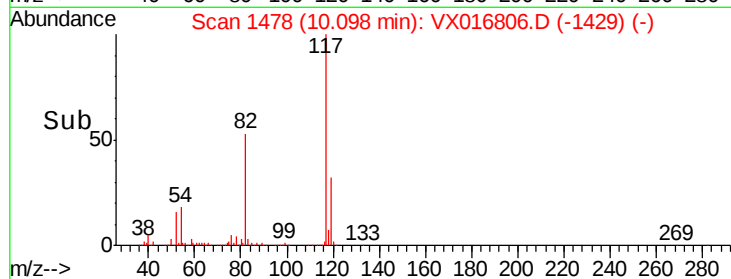
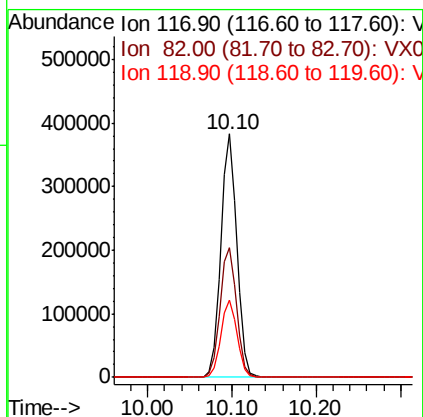
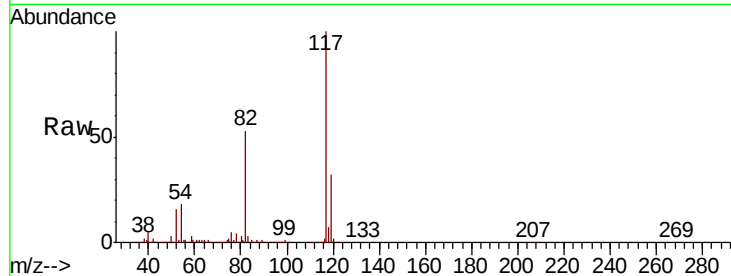




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016806.D
Acq: 17 Jun 2020 02:50

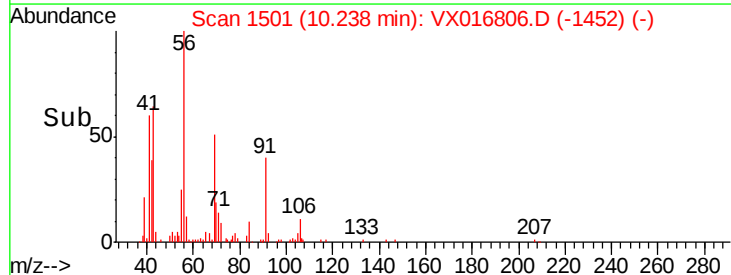
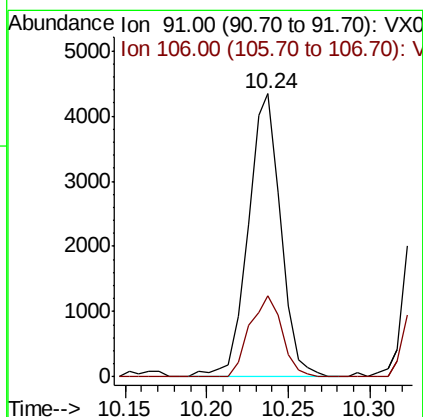
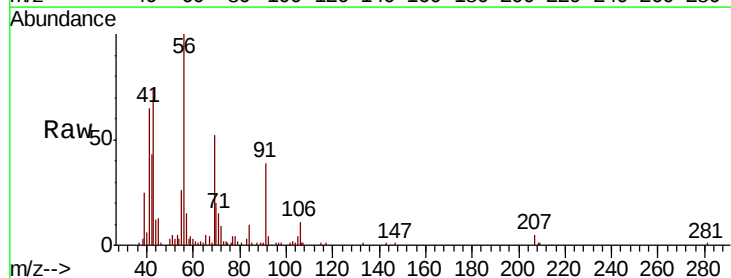
Instrument :
MSVOA_X
ClientSampled :
31030

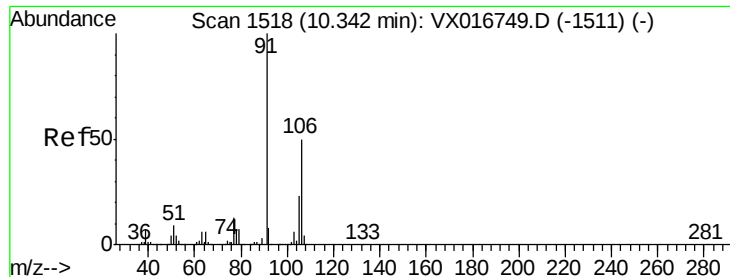
Tot Ion:117 Resp: 504238
Ion Ratio Lower Upper
117 100
82 53.2 43.8 65.6
119 31.6 26.2 39.4



#67
Ethyl Benzene
Concen: 0.349 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016806.D
Acq: 17 Jun 2020 02:50

Tgt Ion: 91 Resp: 6042
Ion Ratio Lower Upper
91 100
106 28.5 25.3 37.9





#68

m/p-Xylenes

Concen: 1.550 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016806.D

Acq: 17 Jun 2020 02:50

Instrument :

MSVOA_X

ClientSampleId :

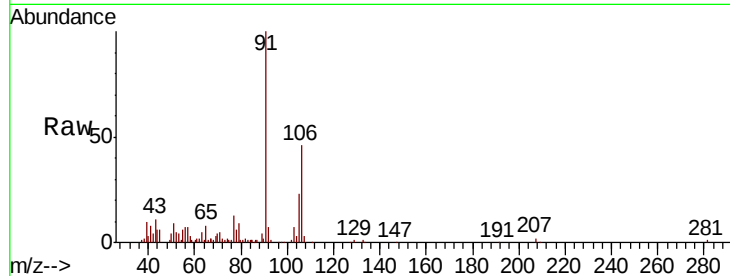
31030

Tot Ion:106 Resp: 10162

Ion Ratio Lower Upper

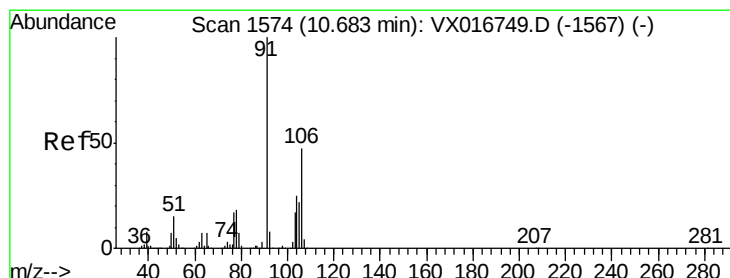
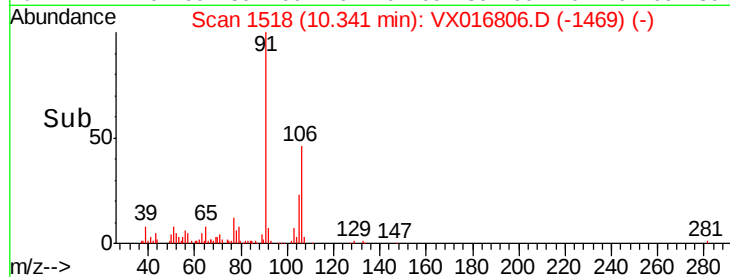
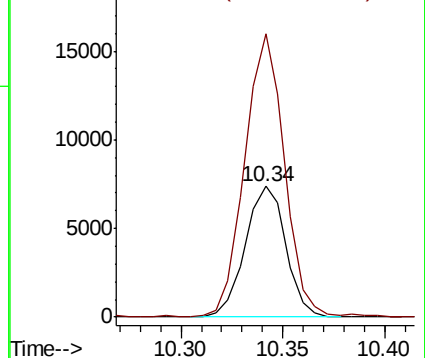
106 100

91 214.3 161.2 241.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 0.832 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX016806.D

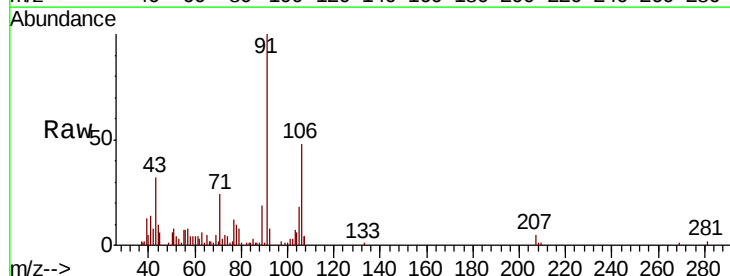
Acq: 17 Jun 2020 02:50

Tgt Ion:106 Resp: 5256

Ion Ratio Lower Upper

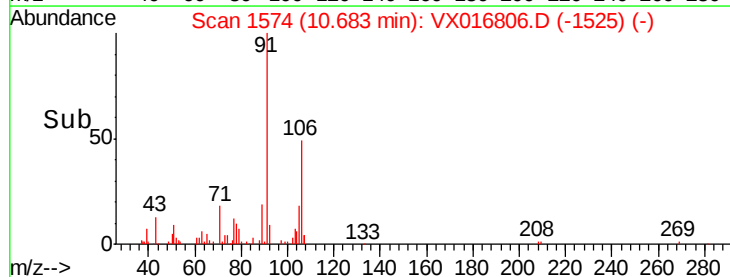
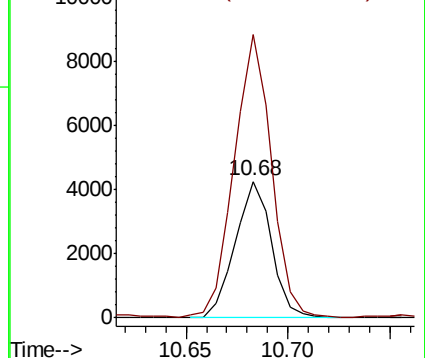
106 100

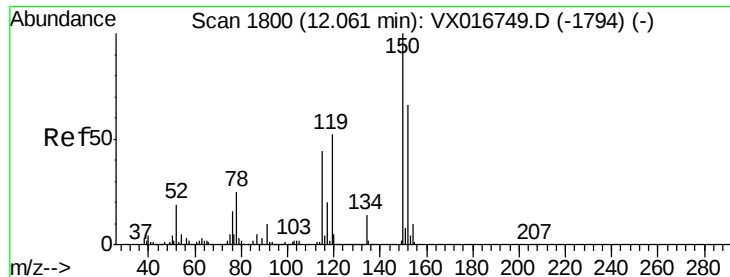
91 213.2 106.9 320.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016806.D

Acq: 17 Jun 2020 02:50

Instrument :

MSVOA_X

ClientSampleId :

31030

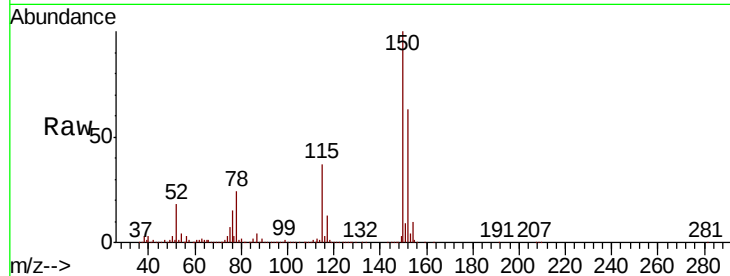
Tot Ion:152 Resp: 241218

Ion Ratio Lower Upper

152 100

115 58.2 40.3 120.8

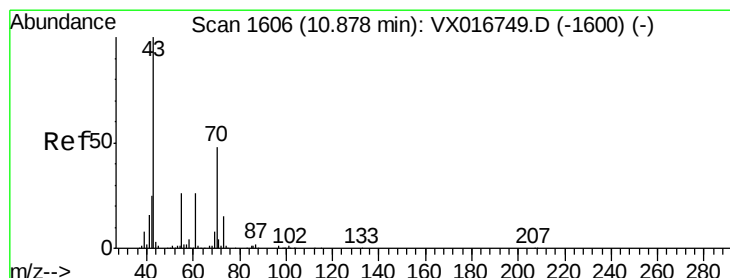
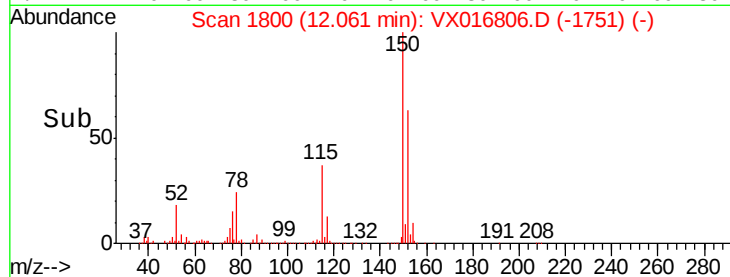
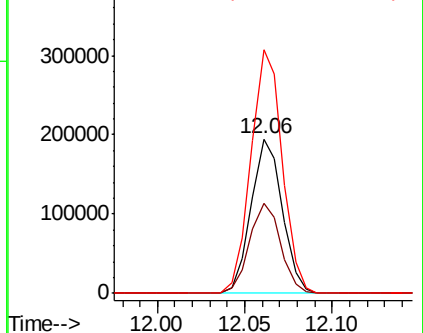
150 158.4 0.0 337.4



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



#74

N-ethyl acetate

Concen: 0.293 ug/l

RT: 10.90 min Scan# 1610

Delta R.T. 0.02 min

Lab File: VX016806.D

Acq: 17 Jun 2020 02:50

Tgt Ion: 43 Resp: 1805

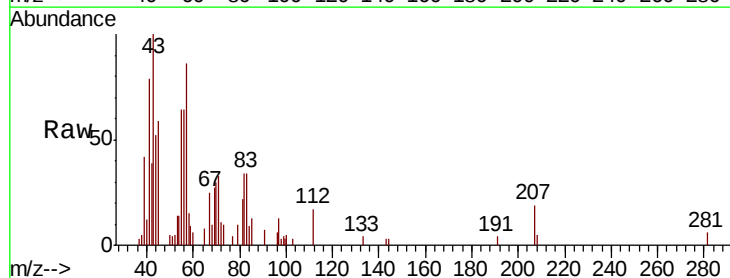
Ion Ratio Lower Upper

43 100

70 40.6 39.8 59.6

55 0.0 21.7 32.5#

61 0.0 21.6 32.4#

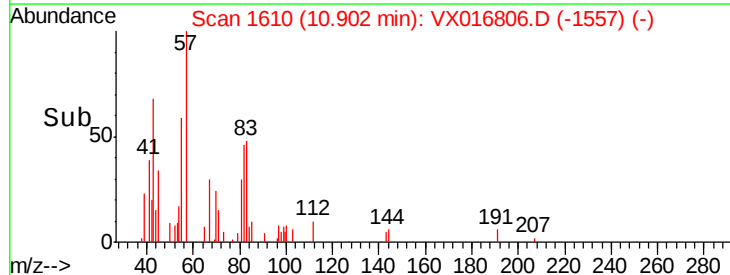
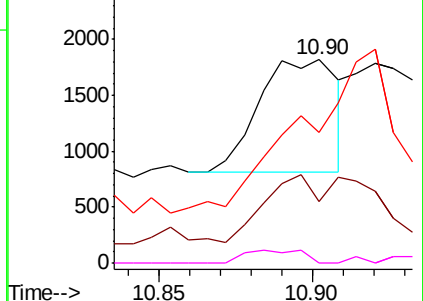


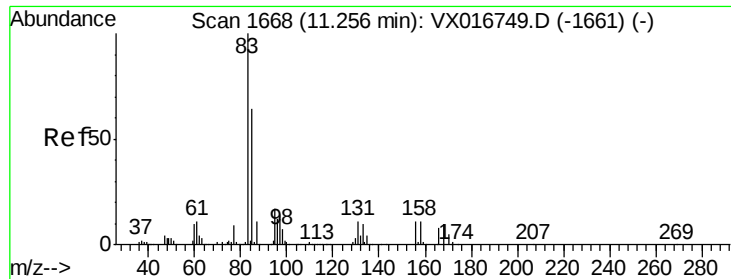
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 0.262 ug/l

RT: 11.32 min Scan# 1678

Delta R.T. 0.06 min

Lab File: VX016806.D

Acq: 17 Jun 2020 02:50

Instrument :

MSVOA_X

ClientSampleId :

31030

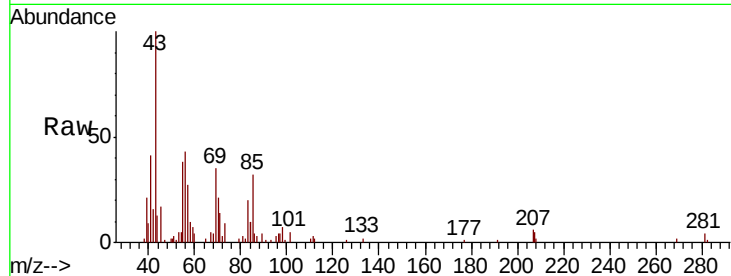
Tot Ion: 83 Resp: 1218

Ion Ratio Lower Upper

83 100

131 0.0 5.7 17.0#

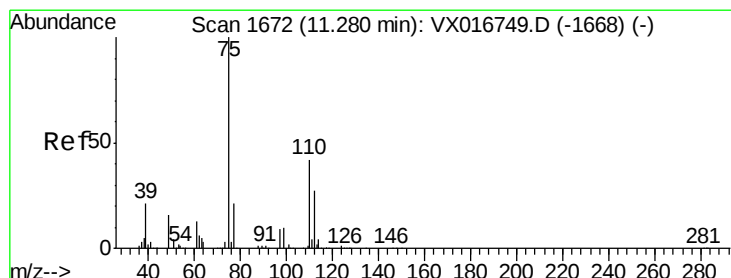
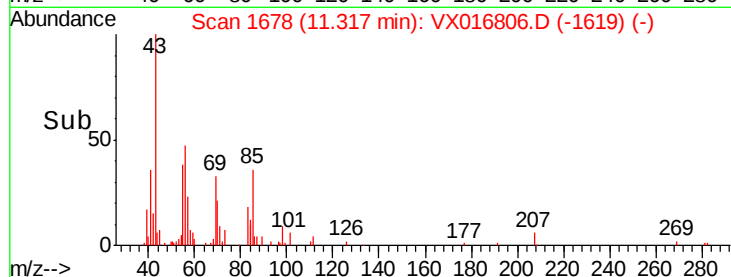
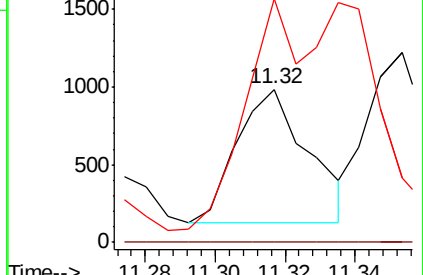
85 126.3 32.4 97.2#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 20.716 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016806.D

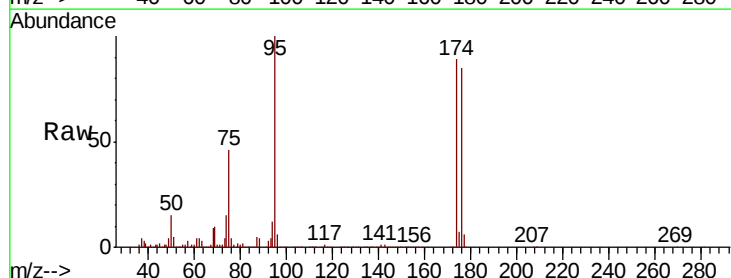
Acq: 17 Jun 2020 02:50

Tgt Ion: 75 Resp: 105084

Ion Ratio Lower Upper

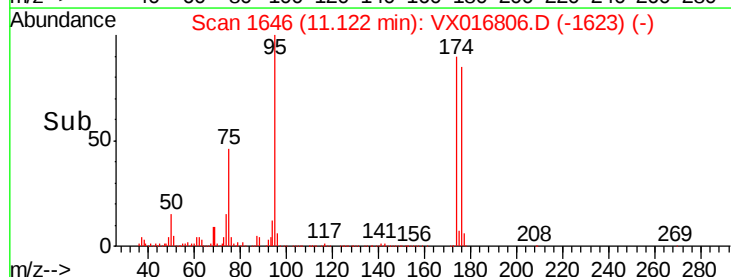
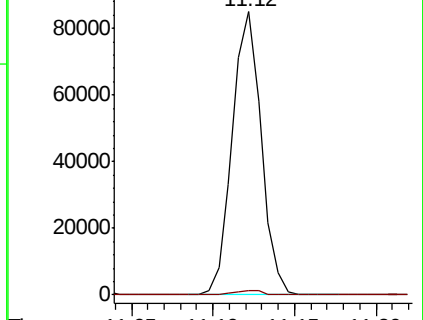
75 100

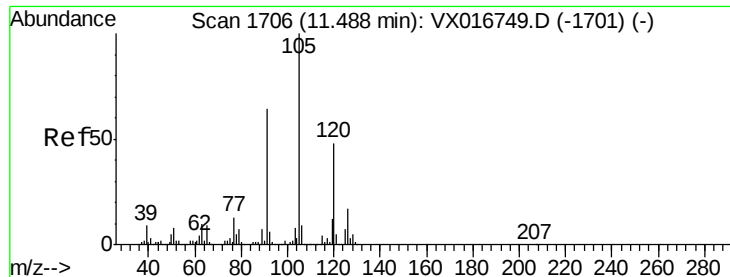
77 1.6 20.3 60.9#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

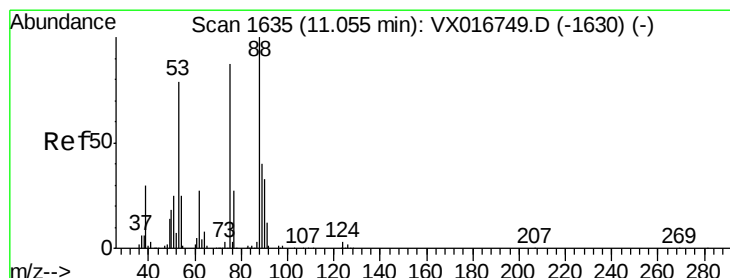
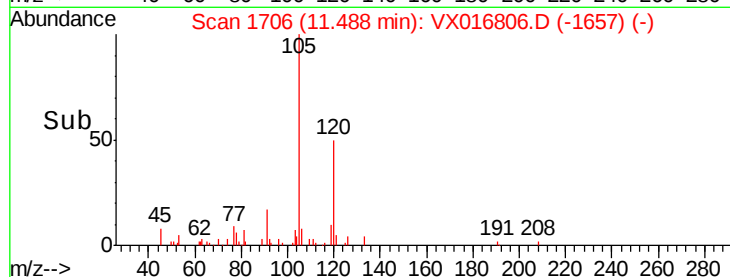
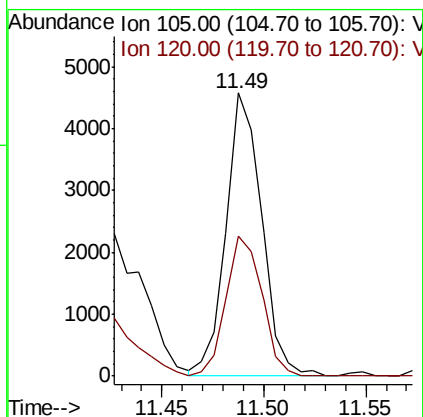
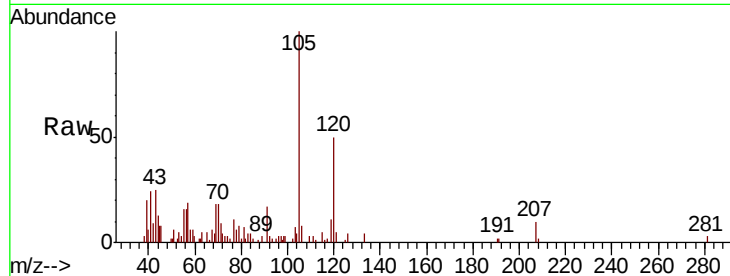




#80
 1,3,5-Trimethylbenzene
 Concen: 0.418 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX016806.D
 Acq: 17 Jun 2020 02:50

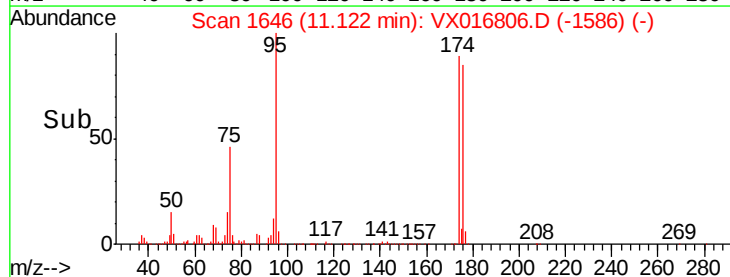
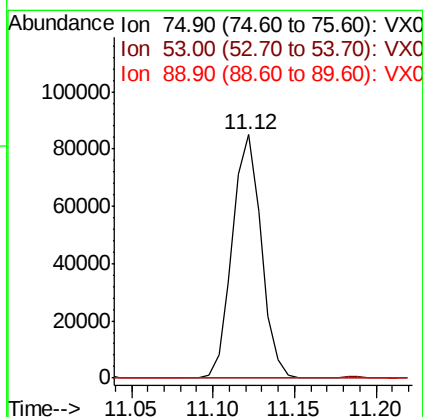
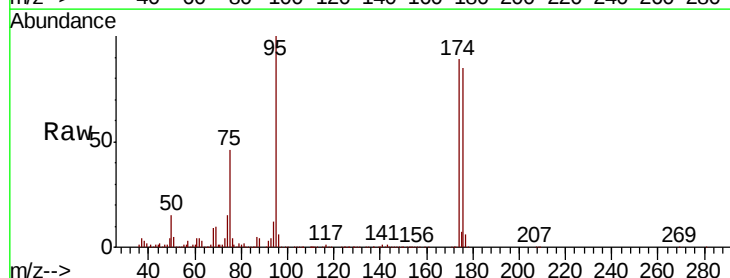
Instrument :
 MSVOA_X
 ClientSampled :
 31030

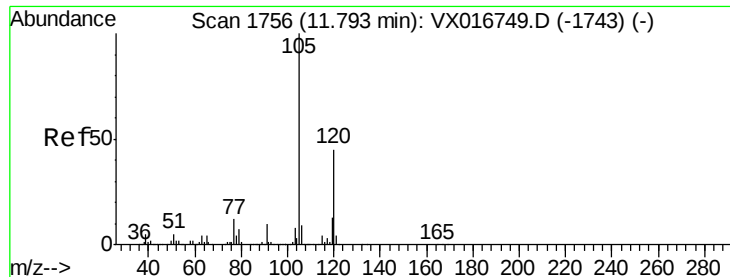
Tot Ion:105 Resp: 5550
 Ion Ratio Lower Upper
 105 100
 120 49.8 24.4 73.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 52.151 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.07 min
 Lab File: VX016806.D
 Acq: 17 Jun 2020 02:50

Tgt Ion: 75 Resp: 105084
 Ion Ratio Lower Upper
 75 100
 53 0.4 71.4 107.0#
 89 0.0 39.1 58.7#





#84

1,2,4-Trimethylbenzene

Concen: 0.875 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016806.D

Acq: 17 Jun 2020 02:50

Instrument :

MSVOA_X

ClientSampleId :

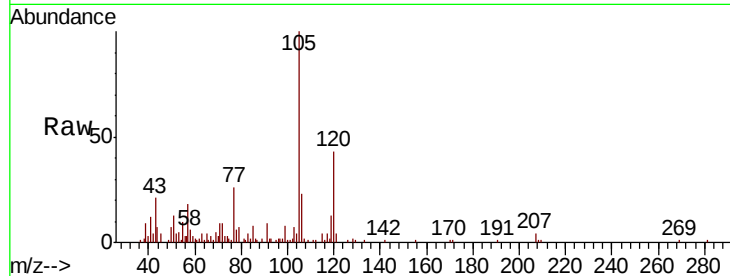
31030

Tot Ion:105 Resp: 11746

Ion Ratio Lower Upper

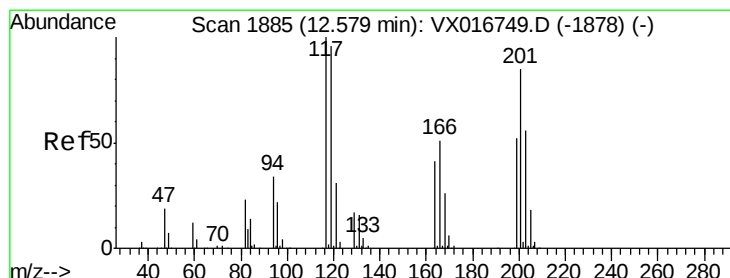
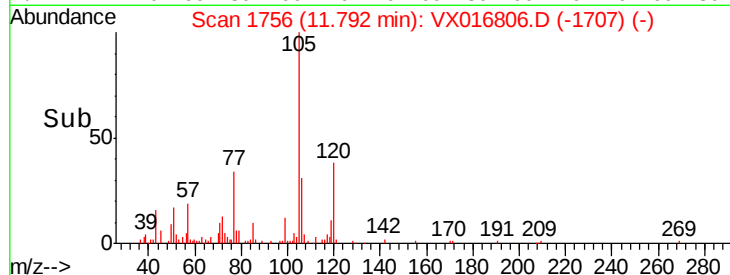
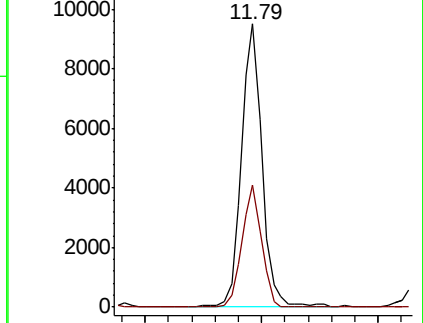
105 100

120 40.8 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#90

Hexachloroethane

Concen: 0.273 ug/l

RT: 12.58 min Scan# 1886

Delta R.T. 0.01 min

Lab File: VX016806.D

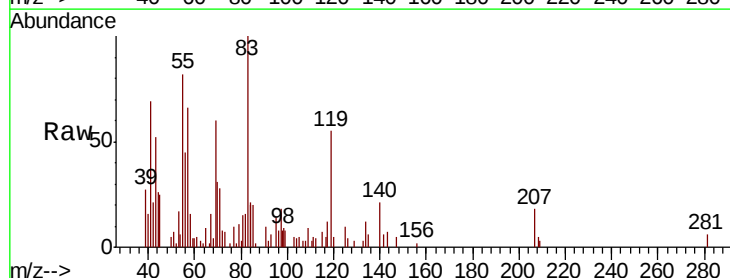
Acq: 17 Jun 2020 02:50

Tgt Ion:117 Resp: 685

Ion Ratio Lower Upper

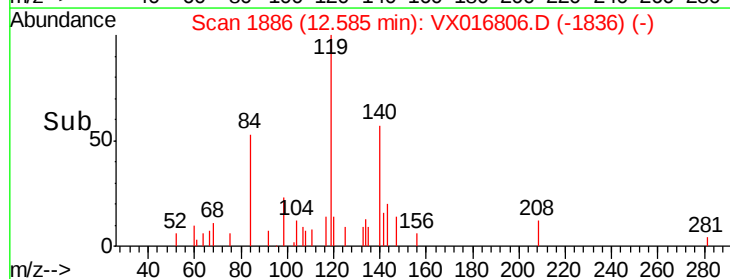
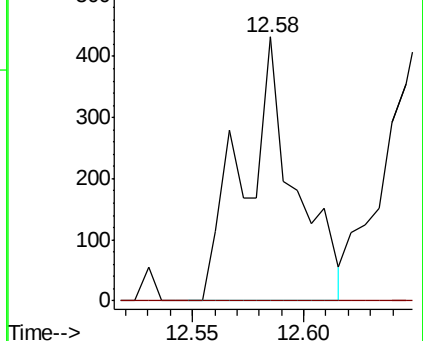
117 100

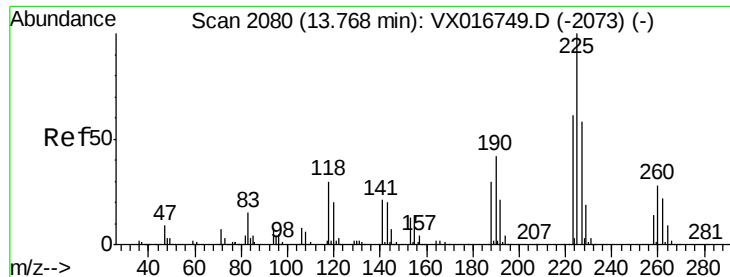
201 0.0 45.6 136.9#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#94

Hexachlorobutadiene

Concen: 0.536 ug/l

RT: 13.76 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX016806.D

Acq: 17 Jun 2020 02:50

Instrument :

MSVOA_X

ClientSampleId :

31030

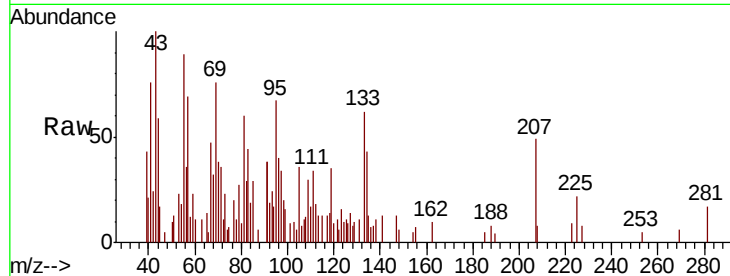
Tot Ion:225 Resp: 288

Ion Ratio Lower Upper

225 100

223 54.5 31.1 93.5

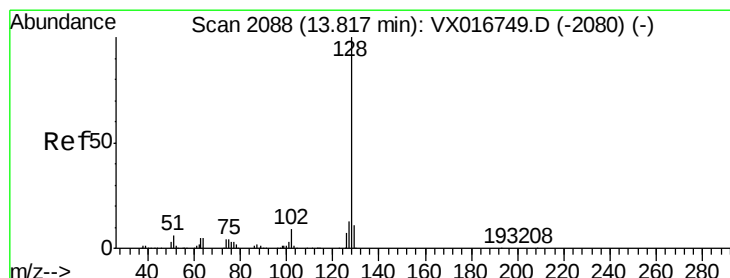
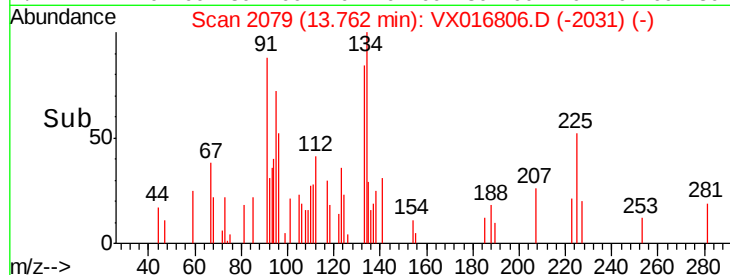
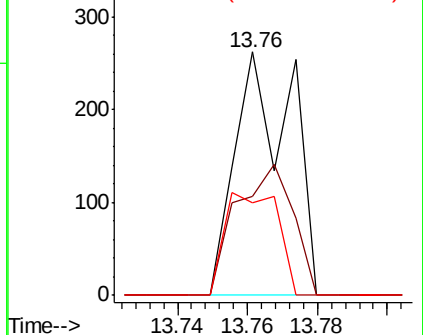
227 39.9 30.9 92.7



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 12.909 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016806.D

Acq: 17 Jun 2020 02:50

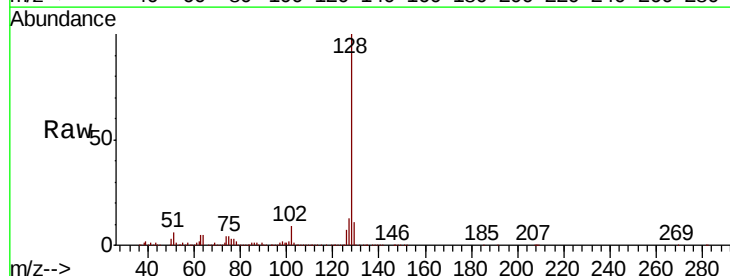
Tgt Ion:128 Resp: 213986

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

129 10.9 8.8 13.2



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

