

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052720\
 Data File : VX016469.D
 Acq On : 28 May 2020 00:22
 Operator : JC/SP
 Sample : L2738-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 25-28-COMP

Quant Time: May 28 03:05:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	214687	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.84	114	238773	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	134461	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	36366	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	40035	15.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	30.04%	
35) Dibromofluoromethane	5.47	113	44200	30.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	60.12%	
50) Toluene-d8	8.70	98	260194	45.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.94%	
62) 4-Bromofluorobenzene	11.12	95	49870	22.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	45.10%	

Target Compounds

						Qvalue
3) Chloromethane	1.31	50	662	0.259	ug/l #	77
5) Bromomethane	1.64	94	557	0.424	ug/l #	48
10) Methyl Iodide	2.50	142	222	3.145	ug/l #	76
11) Tert butyl alcohol	3.00	59	4044	5.915	ug/l	96
13) Acrolein	2.27	56	489	1.681	ug/l #	39
14) Allyl chloride	2.68	41	1539	0.405	ug/l #	70
15) Acrylonitrile	3.12	53	554	0.396	ug/l #	79
16) Acetone	2.42	43	25690	21.993	ug/l	96
17) Carbon Disulfide	2.55	76	11076	1.806	ug/l	97
20) Methylene Chloride	2.84	84	604	0.250	ug/l #	79
22) Diisopropyl ether	3.90	45	23338	3.198	ug/l #	1
23) Vinyl Acetate	3.90	43	50264	7.868	ug/l #	71
25) 2-Butanone	4.64	43	29106	14.705	ug/l	98
29) Tetrahydrofuran	5.10	42	377	0.295	ug/l #	36
31) Cyclohexane	5.64	56	4351	1.174	ug/l #	1
36) 1,1-Dichloropropene	5.64	75	16000	7.077	ug/l #	51
37) Ethyl Acetate	4.80	43	1148	0.423	ug/l #	81
38) Carbon Tetrachloride	5.64	117	21127	8.893	ug/l #	16
40) Benzene	6.11	78	1584	0.235	ug/l #	50
46) Dibromomethane	7.64	93	4019	3.491	ug/l	94
49) 1,4-Dioxane	7.62	88	19	0.401	ug/l #	1
51) 4-Methyl-2-Pentanone	8.62	43	4898	1.858	ug/l	96
52) Toluene	8.77	92	2389	0.563	ug/l	93
59) 2-Hexanone	9.47	43	1454	0.709	ug/l	98
67) Ethyl Benzene	10.23	91	1027	0.210	ug/l	99
68) m/p-Xylenes	10.34	106	664	0.367	ug/l	85
69) o-Xylene	10.69	106	373	0.213	ug/l	78
74) N-amyl acetate	10.90	43	1741	1.502	ug/l #	1
76) 1,2,3-Trichloropropane	11.12	75	24026	30.057	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.12	75	24026	73.936	ug/l #	14
84) 1,2,4-Trimethylbenzene	11.79	105	947	0.445	ug/l	80
85) sec-Butylbenzene	12.13	105	935	0.415	ug/l	88
86) p-Isopropyltoluene	12.05	119	3977	1.883	ug/l	94
89) n-Butylbenzene	12.37	91	837	0.476	ug/l #	48

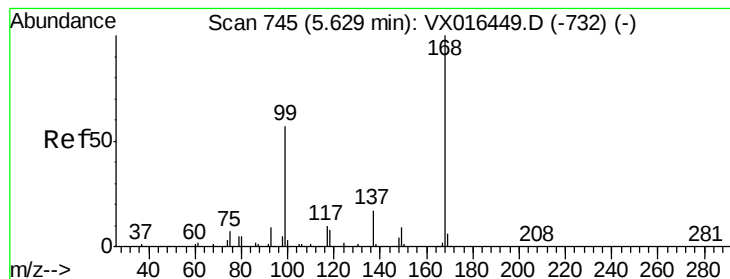
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052720\
Data File : VX016469.D
Acq On : 28 May 2020 00:22
Operator : JC/SP
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Quant Time: May 28 03:05:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	12.57	117	97	0.266	ug/l #	6
92) 1,2-Dibromo-3-Chloropropan	12.99	75	45	0.220	ug/l #	1
95) Naphthalene	13.82	128	718	0.284	ug/l #	81

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 747

Delta R.T. 0.01 min

Lab File: VX016469.D

Acq: 28 May 2020 00:22

Instrument :

MSVOA_X

ClientSampleId :

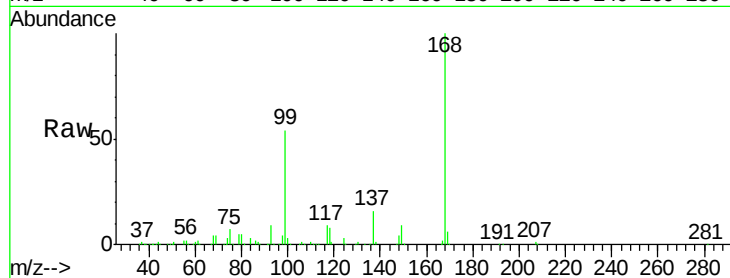
25-28-COMP

Tot Ion:168 Resp: 214687

Ion Ratio Lower Upper

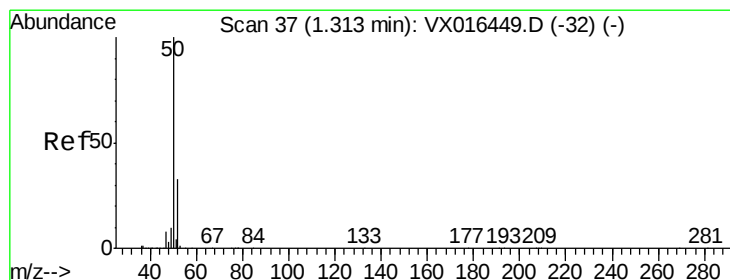
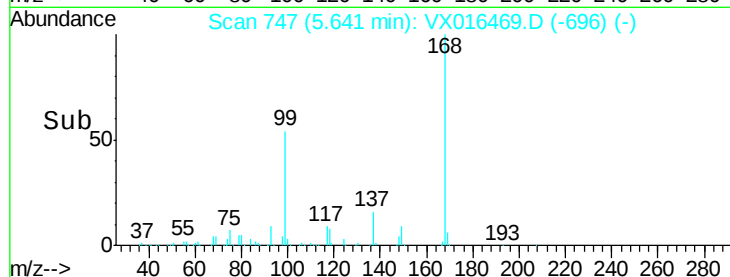
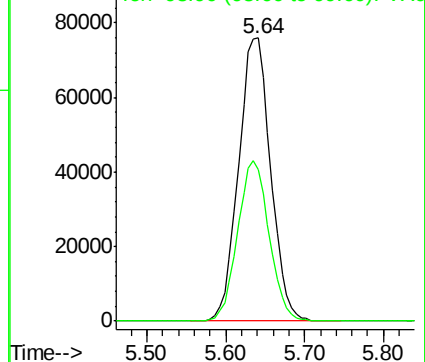
168 100

99 53.6 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.259 ug/l

RT: 1.31 min Scan# 36

Delta R.T. -0.01 min

Lab File: VX016469.D

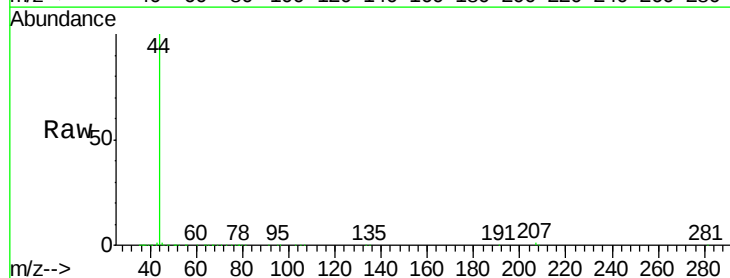
Acq: 28 May 2020 00:22

Tgt Ion: 50 Resp: 662

Ion Ratio Lower Upper

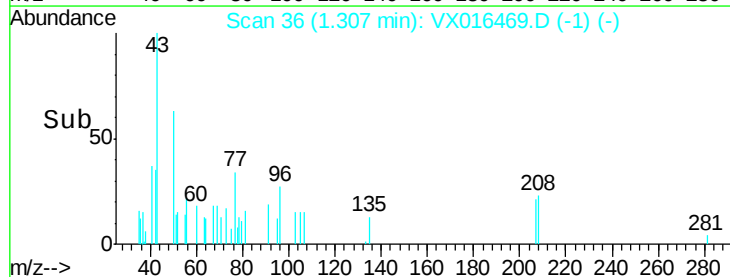
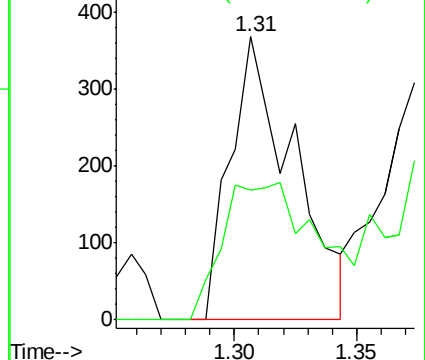
50 100

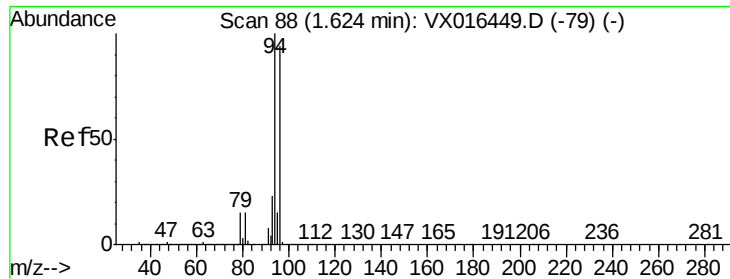
52 45.9 26.2 39.2#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: 0.424 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX016469.D

Acq: 28 May 2020 00:22

Instrument :

MSVOA_X

ClientSampleId :

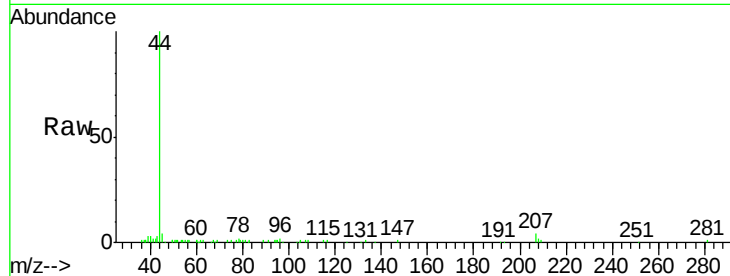
25-28-COMP

Tot Ion: 94 Resp: 557

Ion Ratio Lower Upper

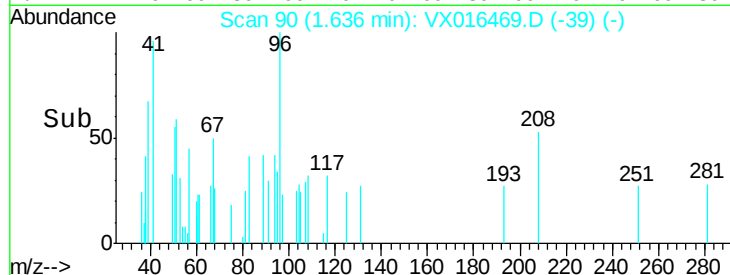
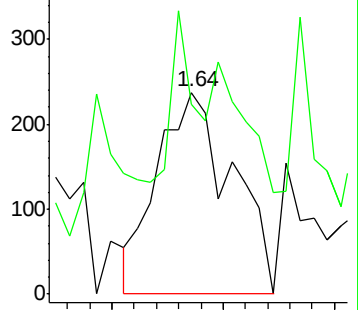
94 100

96 43.7 75.1 112.7#

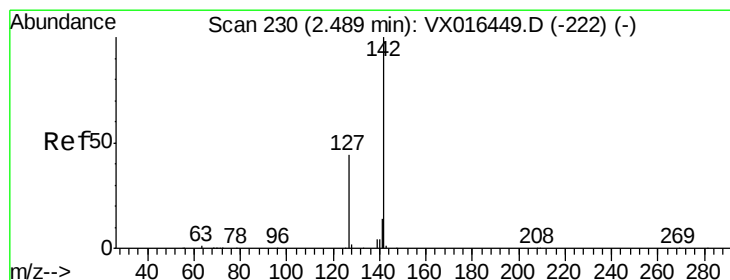


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->



#10

Methyl Iodide

Concen: 3.145 ug/l

RT: 2.50 min Scan# 232

Delta R.T. 0.01 min

Lab File: VX016469.D

Acq: 28 May 2020 00:22

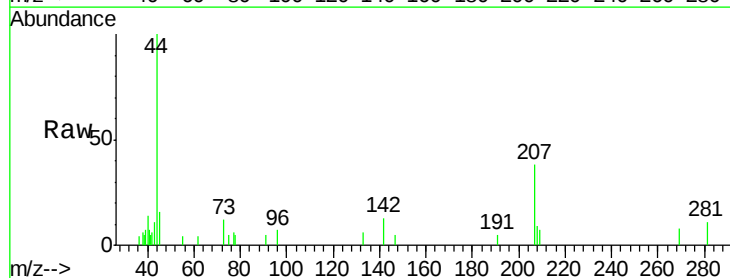
Tgt Ion: 142 Resp: 222

Ion Ratio Lower Upper

142 100

127 30.6 35.3 52.9#

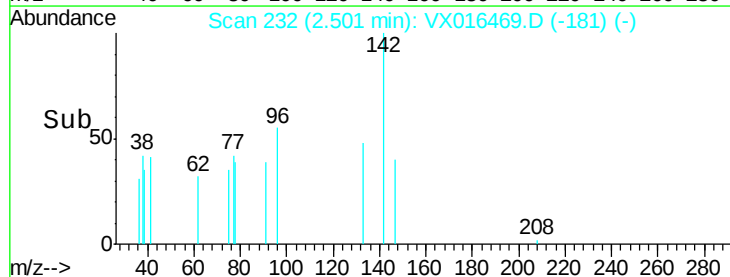
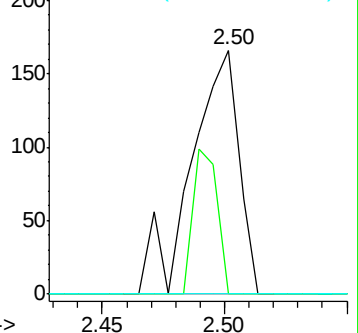
141 0.0 11.4 17.2#



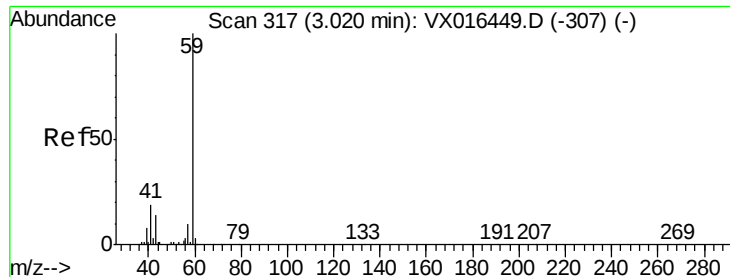
Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



Time-->

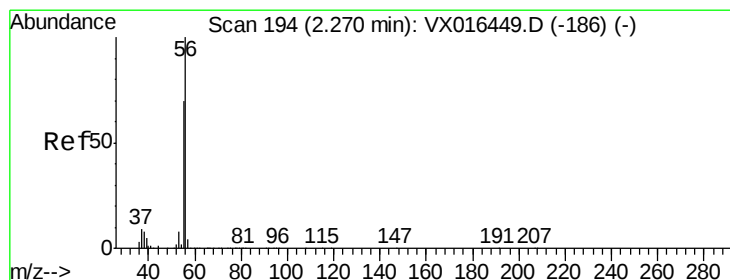
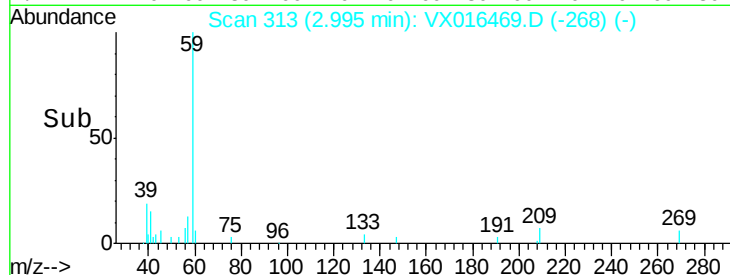
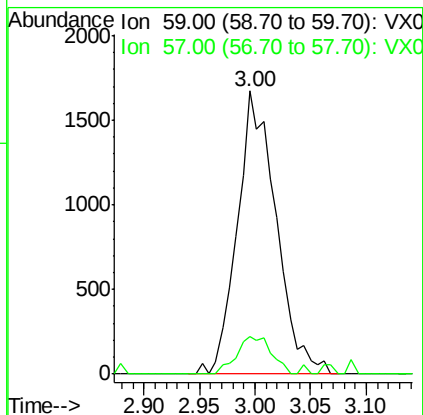
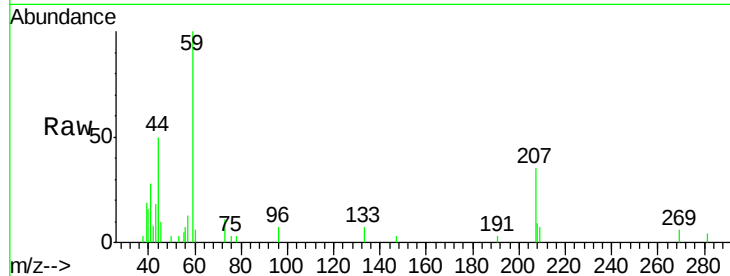


#11

Tert butyl alcohol
 Concen: 5.915 ug/l
 RT: 3.00 min Scan# 313
 Delta R.T. -0.02 min
 Lab File: VX016469.D
 Acq: 28 May 2020 00:22

Instrument :
 MSVOA_X
 ClientSampleId :
 25-28-COMP

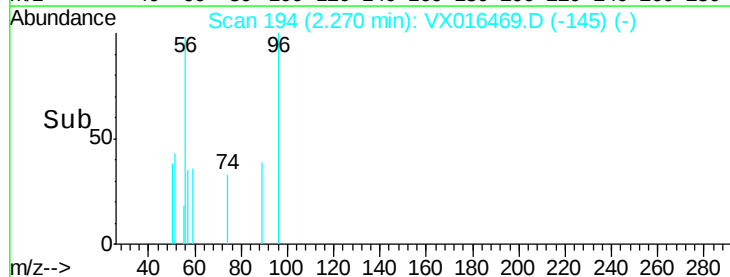
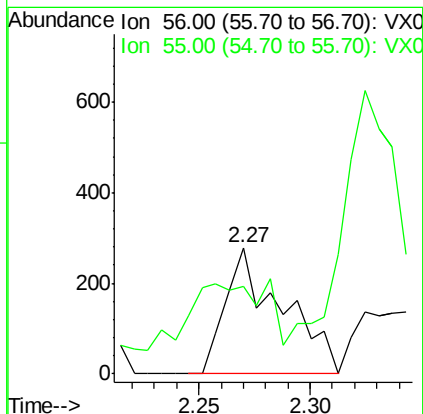
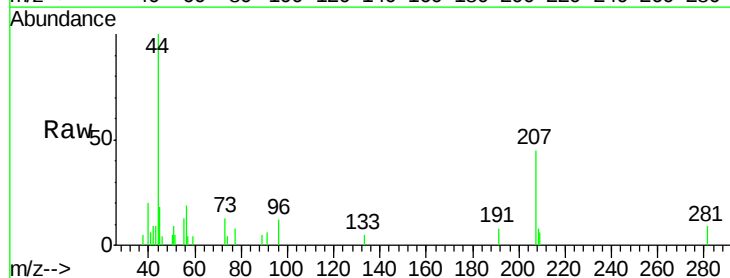
Tot Ion: 59 Resp: 4044
 Ion Ratio Lower Upper
 59 100
 57 11.8 8.2 12.4

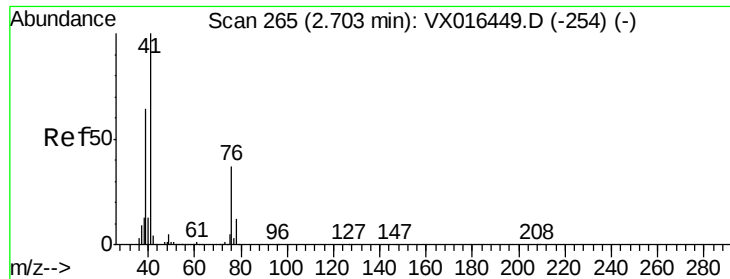


#13

Acrolein
 Concen: 1.681 ug/l
 RT: 2.27 min Scan# 194
 Delta R.T. -0.00 min
 Lab File: VX016469.D
 Acq: 28 May 2020 00:22

Tgt Ion: 56 Resp: 489
 Ion Ratio Lower Upper
 56 100
 55 123.7 58.3 87.5#

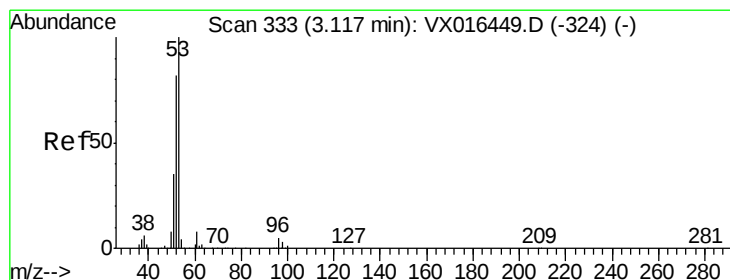
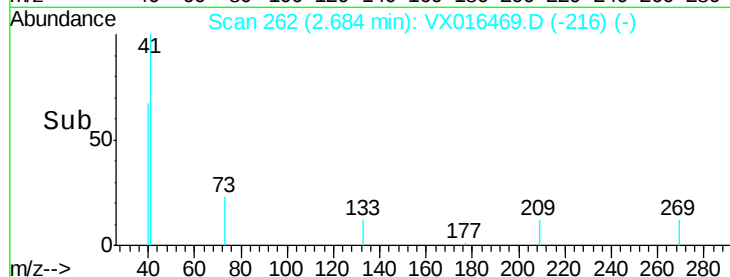
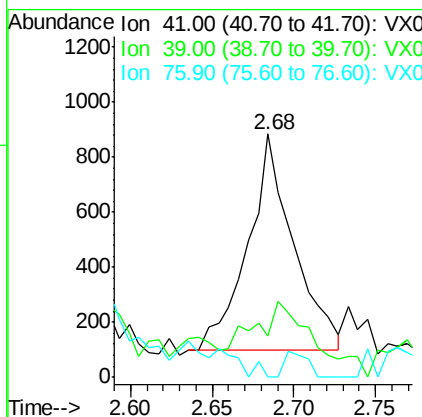
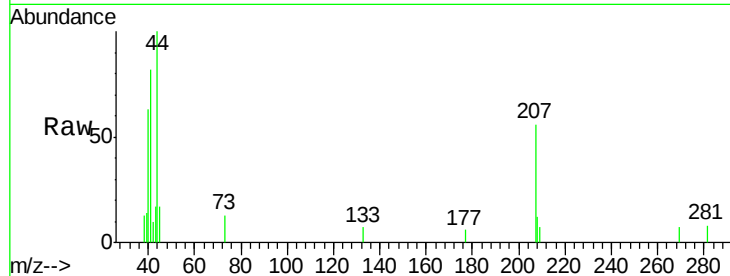




#14
Allvl chloride
Concen: 0.405 ug/l
RT: 2.68 min Scan# 262
Delta R.T. -0.02 min
Lab File: VX016469.D
Acq: 28 May 2020 00:22

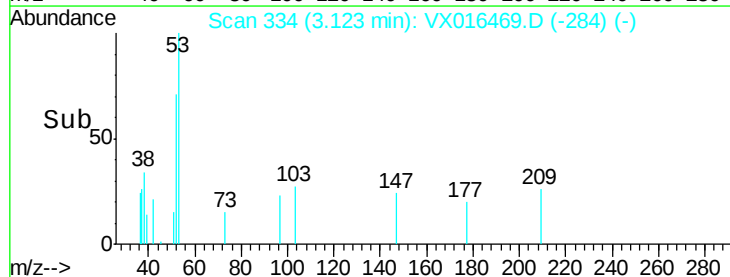
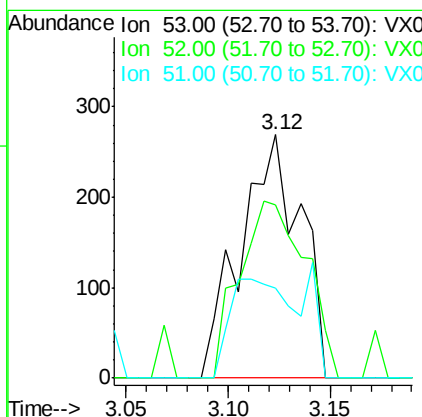
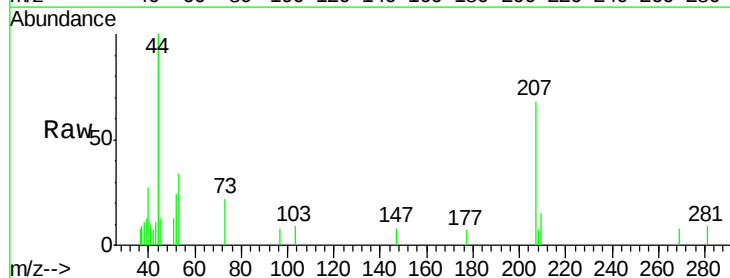
Instrument :
MSVOA_X
ClientSampleId :
25-28-COMP

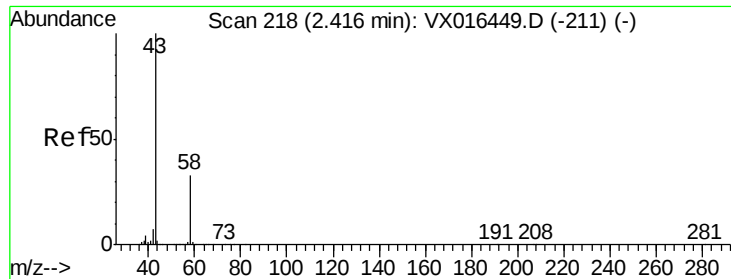
Tot Ion: 41 Resp: 1539
Ion Ratio Lower Upper
41 100
39 49.6 47.7 71.5
76 0.0 26.6 40.0#



#15
Acrylonitrile
Concen: 0.396 ug/l
RT: 3.12 min Scan# 334
Delta R.T. 0.01 min
Lab File: VX016469.D
Acq: 28 May 2020 00:22

Tgt Ion: 53 Resp: 554
Ion Ratio Lower Upper
53 100
52 80.3 66.7 100.1
51 0.0 28.6 43.0#





#16

Acetone

Concen: 21.993 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016469.D

Acq: 28 May 2020 00:22

Instrument :

MSVOA_X

ClientSampleId :

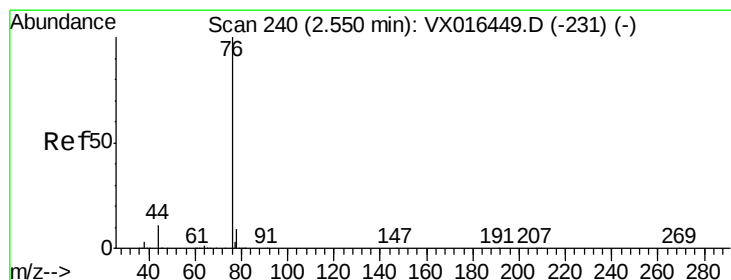
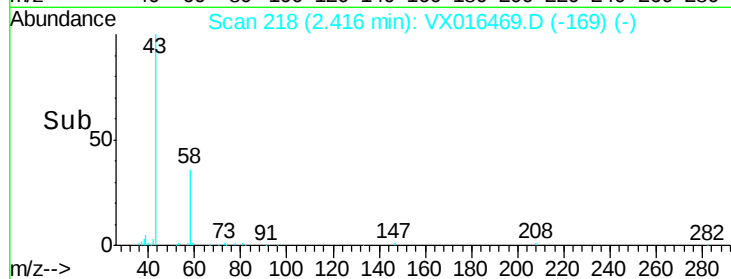
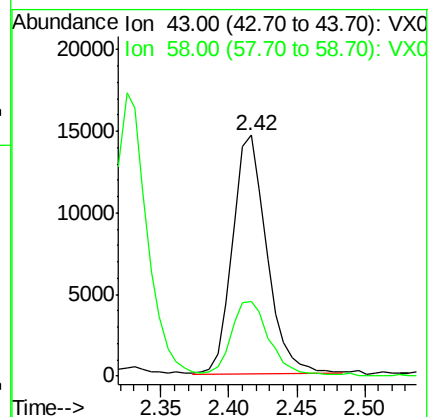
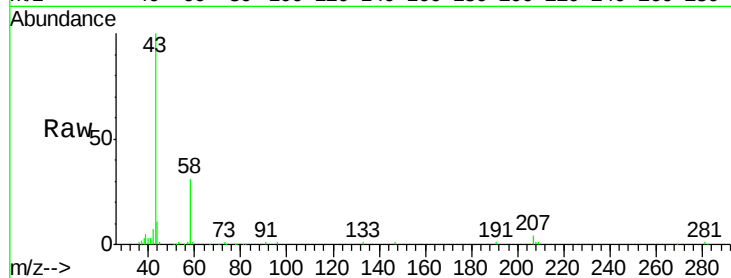
25-28-COMP

Tot Ion: 43 Resp: 25690

Ion Ratio Lower Upper

43 100

58 30.5 26.1 39.1



#17

Carbon Disulfide

Concen: 1.806 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX016469.D

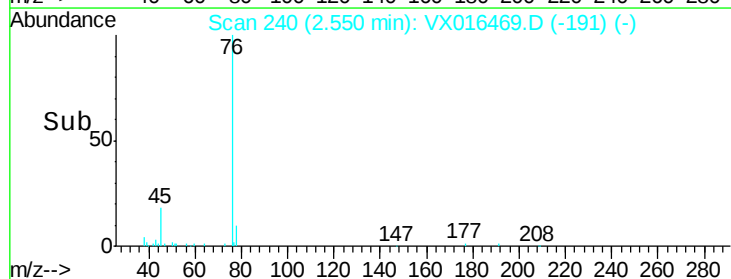
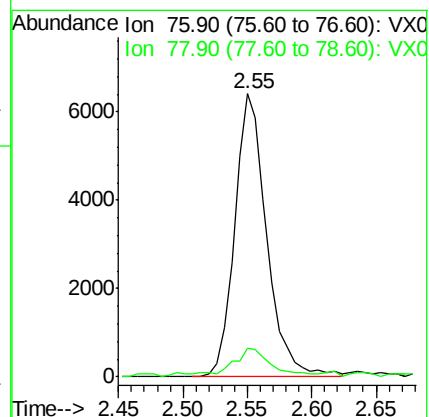
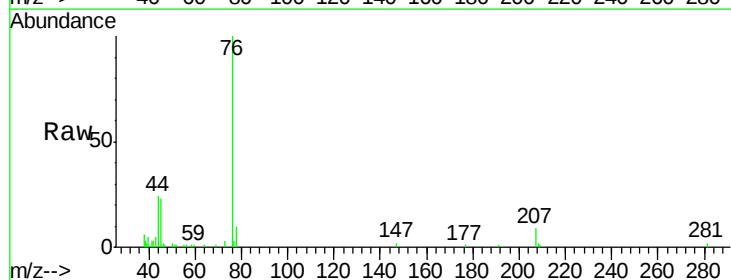
Acq: 28 May 2020 00:22

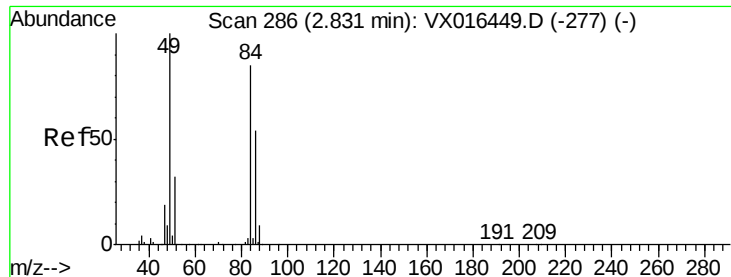
Tgt Ion: 76 Resp: 11076

Ion Ratio Lower Upper

76 100

78 10.1 7.4 11.0

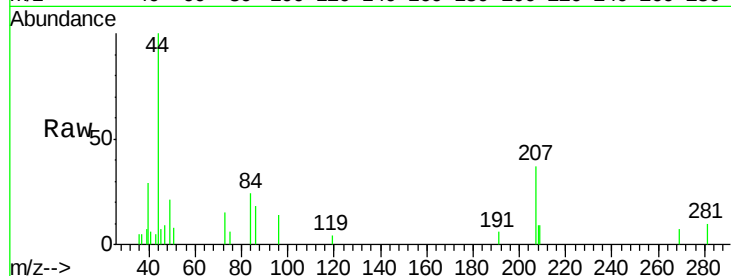




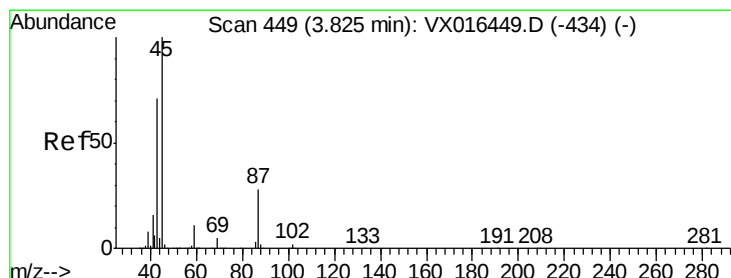
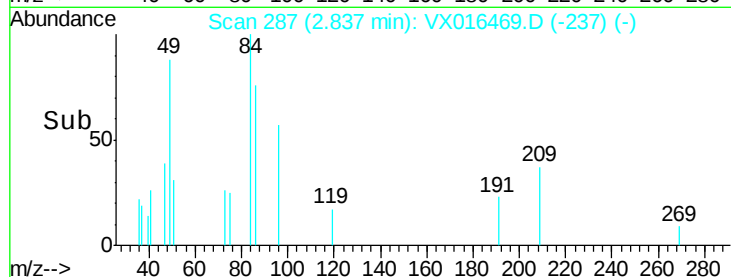
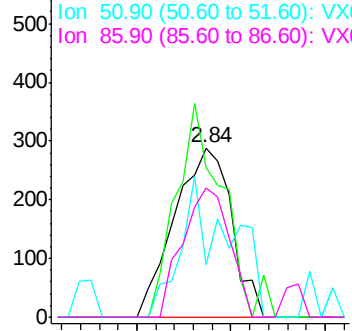
#20
Methvlene Chloride
Concen: 0.250 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX016469.D
Acq: 28 May 2020 00:22

Instrument :
MSVOA_X
ClientSampled :
25-28-COMP

Tot Ion:	84	Resp:	604
Ion	Ratio	Lower	Upper
84	100		
49	88.2	94.5	141.7#
51	31.3	30.2	45.4
86	76.4	51.1	76.7

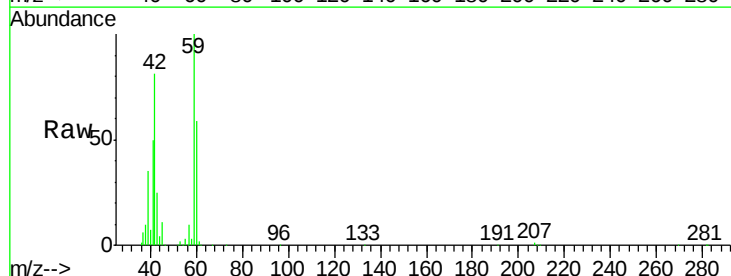


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

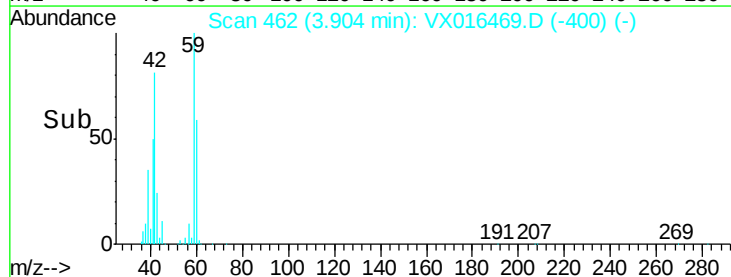
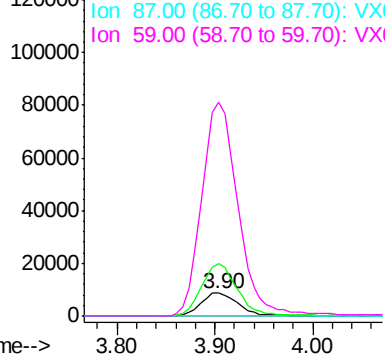


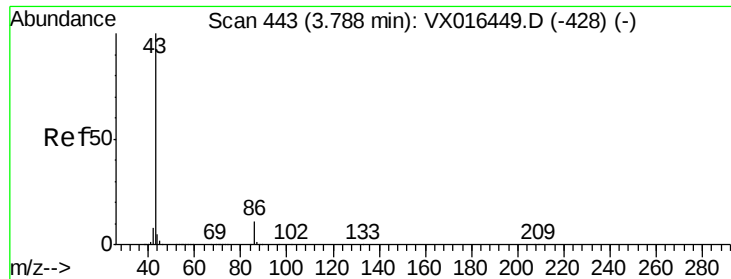
#22
Diisopropyl ether
Concen: 3.198 ug/l
RT: 3.90 min Scan# 462
Delta R.T. 0.08 min
Lab File: VX016469.D
Acq: 28 May 2020 00:22

Tgt Ion:	45	Resp:	23338
Ion	Ratio	Lower	Upper
45	100		
43	228.1	57.0	85.6#
87	0.0	22.5	33.7#
59	936.0	9.1	13.7#



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

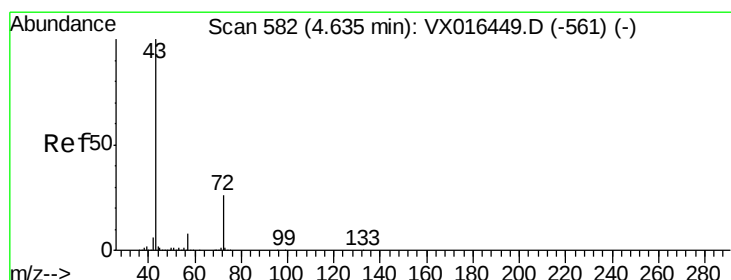
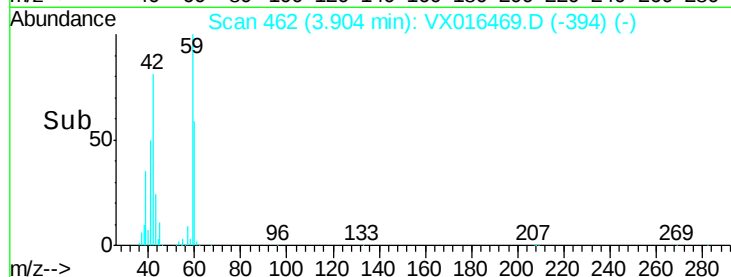
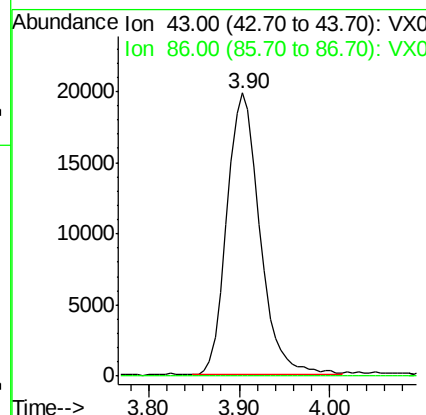
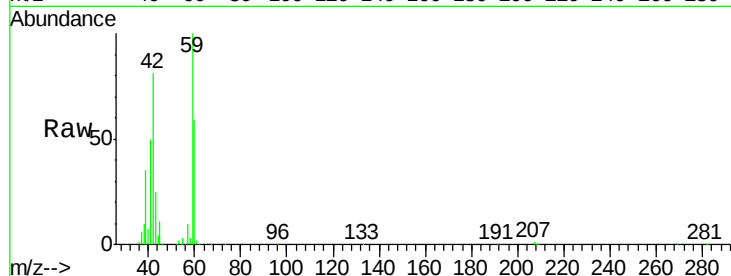




#23
 Vinyl Acetate
 Concen: 7.868 ug/l
 RT: 3.90 min Scan# 462
 Delta R.T. 0.12 min
 Lab File: VX016469.D
 Acq: 28 May 2020 00:22

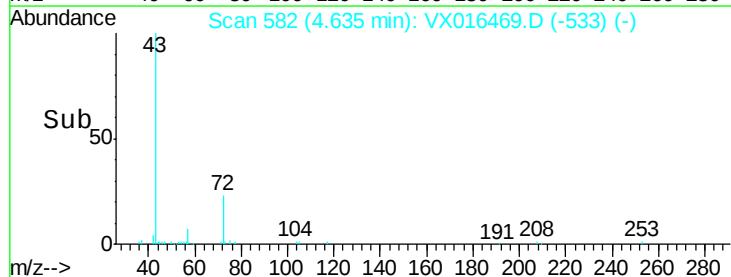
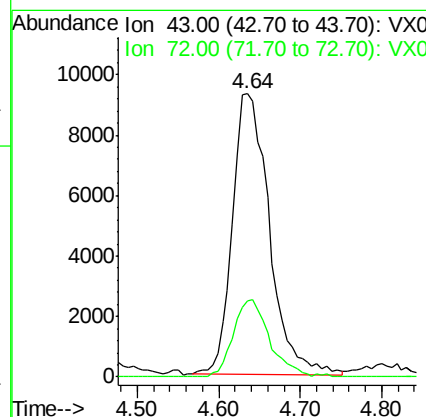
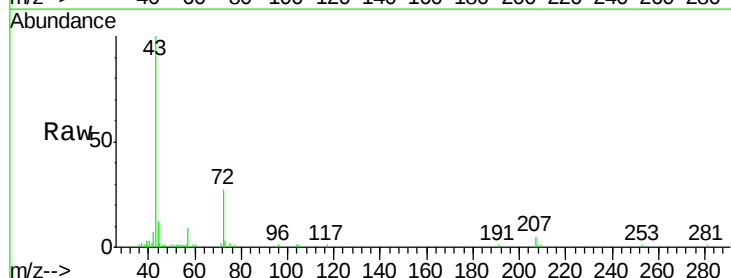
Instrument :
 MSVOA_X
 ClientSampleId :
 25-28-COMP

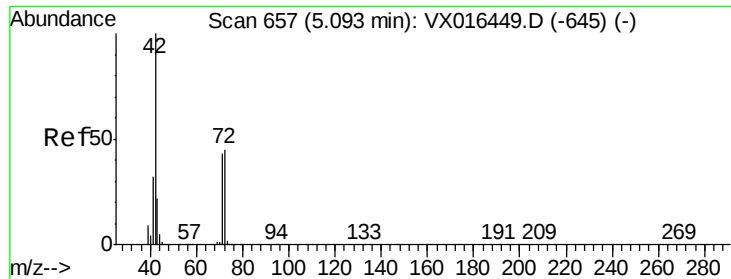
Tot Ion: 43 Resp: 50264
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.6 13.0#



#25
 2-Butanone
 Concen: 14.705 ug/l
 RT: 4.64 min Scan# 582
 Delta R.T. -0.00 min
 Lab File: VX016469.D
 Acq: 28 May 2020 00:22

Tgt Ion: 43 Resp: 29106
 Ion Ratio Lower Upper
 43 100
 72 27.1 21.0 31.6

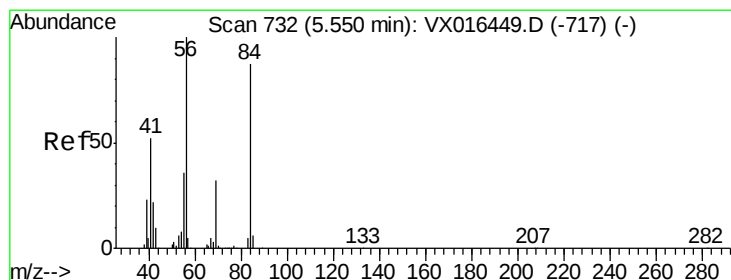
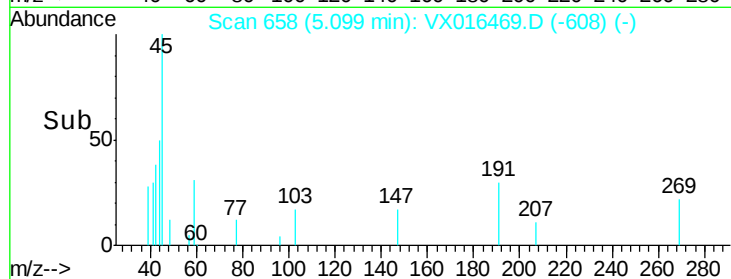
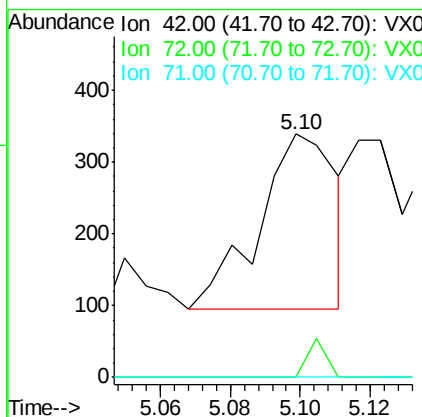
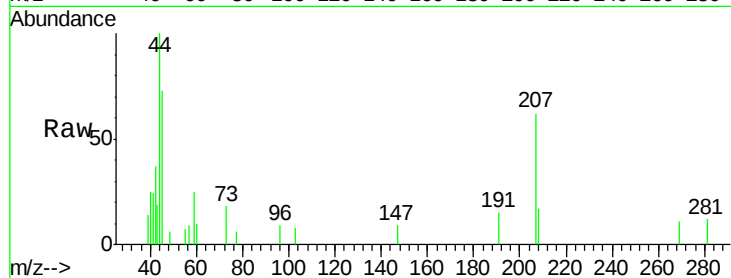




#29
Tetrahydrofuran
Concen: 0.295 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX016469.D
Acq: 28 May 2020 00:22

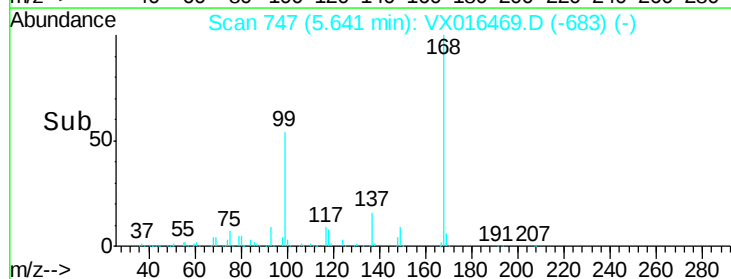
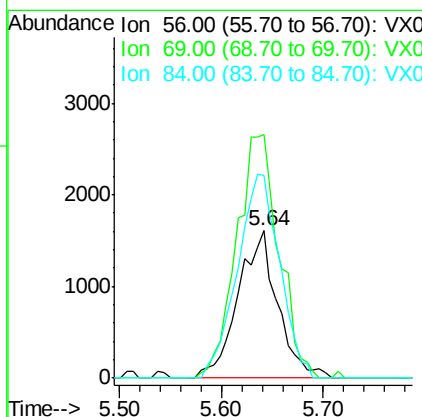
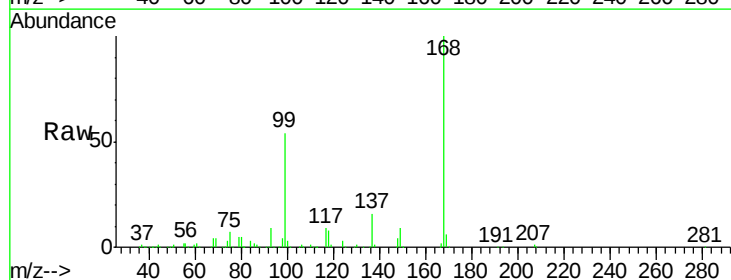
Instrument :
MSVOA_X
ClientSampleId :
25-28-COMP

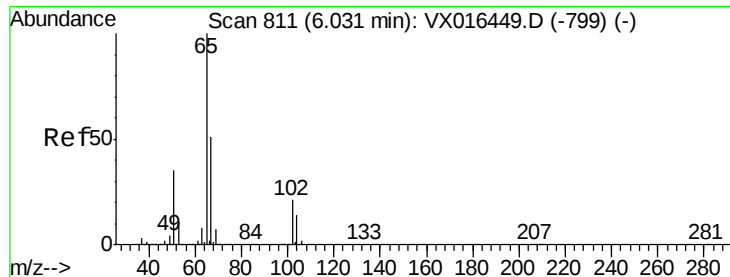
Tot Ion: 42 Resp: 377
Ion Ratio Lower Upper
42 100
72 5.3 37.0 55.4#
71 0.0 34.1 51.1#



#31
Cyclohexane
Concen: 1.174 ug/l
RT: 5.64 min Scan# 747
Delta R.T. 0.09 min
Lab File: VX016469.D
Acq: 28 May 2020 00:22

Tgt Ion: 56 Resp: 4351
Ion Ratio Lower Upper
56 100
69 165.6 25.7 38.5#
84 138.1 70.0 105.0#





#33

1,2-Dichloroethane-d4

Concen: 15.016 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX016469.D

Acq: 28 May 2020 00:22

Instrument :

MSVOA_X

ClientSampleId :

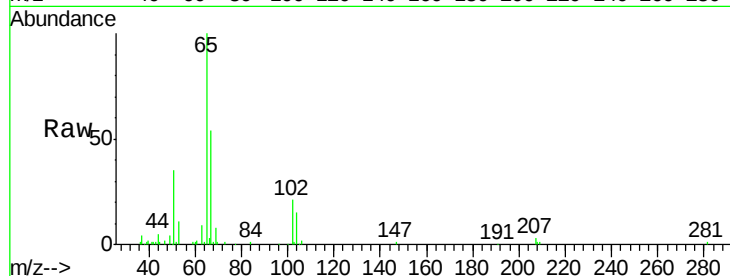
25-28-COMP

Tot Ion: 65 Resp: 40035

Ion Ratio Lower Upper

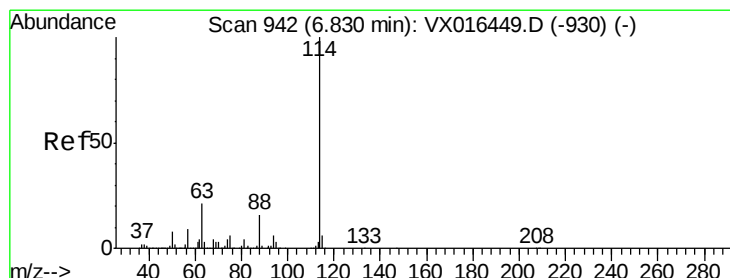
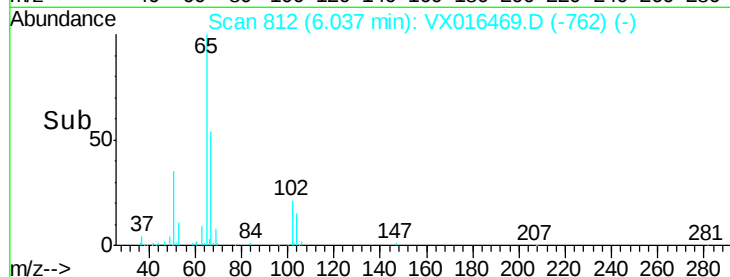
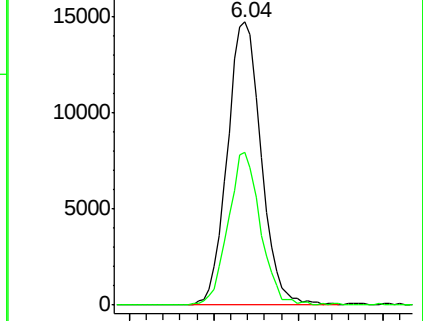
65 100

67 51.4 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: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016469.D

Acq: 28 May 2020 00:22

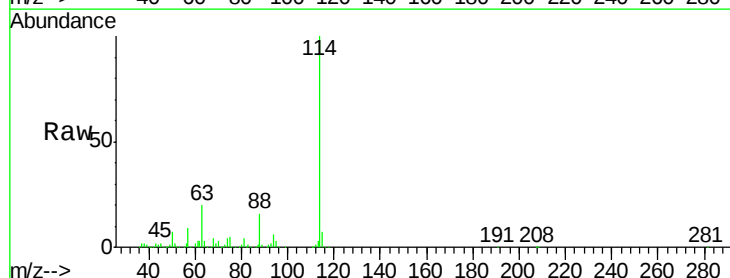
Tgt Ion: 114 Resp: 238773

Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.6

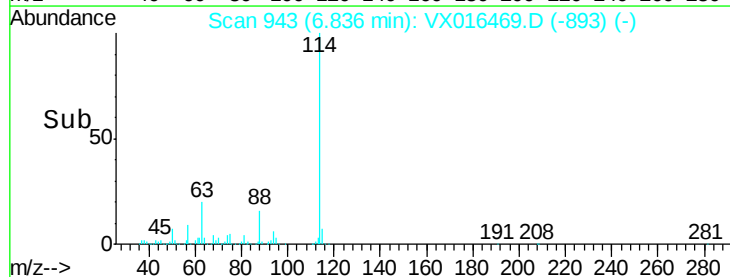
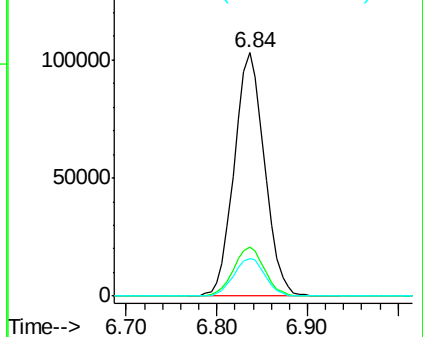
88 15.6 0.0 32.8

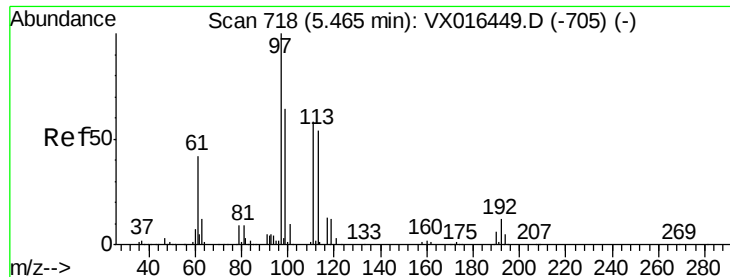


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 30.063 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016469.D

Acq: 28 May 2020 00:22

Instrument :

MSVOA_X

ClientSampleId :

25-28-COMP

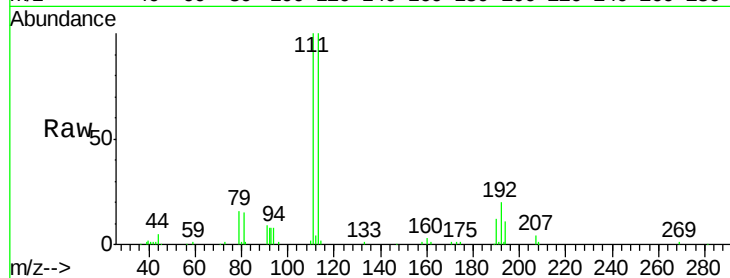
Tot Ion:113 Resp: 44200

Ion Ratio Lower Upper

113 100

111 103.0 83.0 124.6

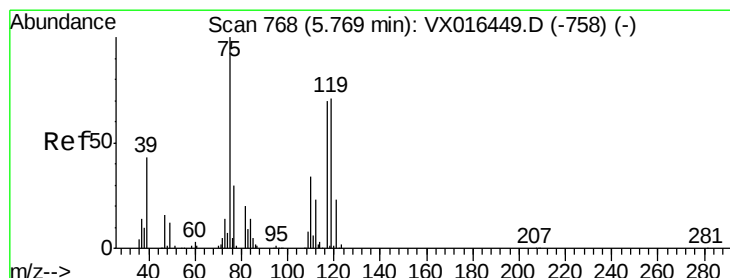
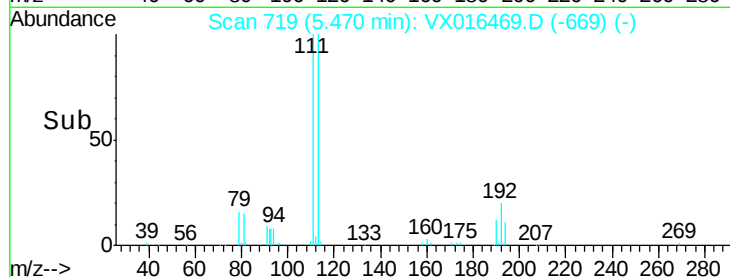
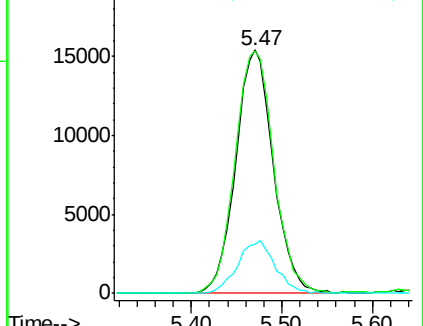
192 21.5 17.7 26.5



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 7.077 ug/l

RT: 5.64 min Scan# 747

Delta R.T. -0.13 min

Lab File: VX016469.D

Acq: 28 May 2020 00:22

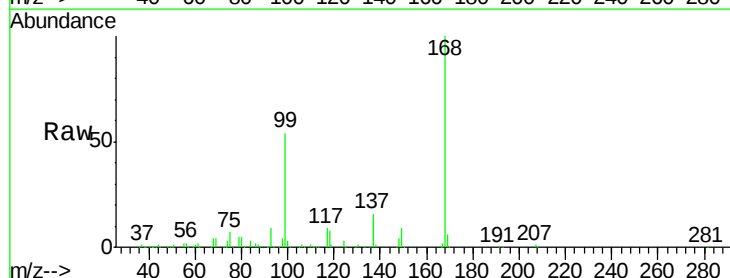
Tgt Ion: 75 Resp: 16000

Ion Ratio Lower Upper

75 100

110 9.4 17.4 52.3#

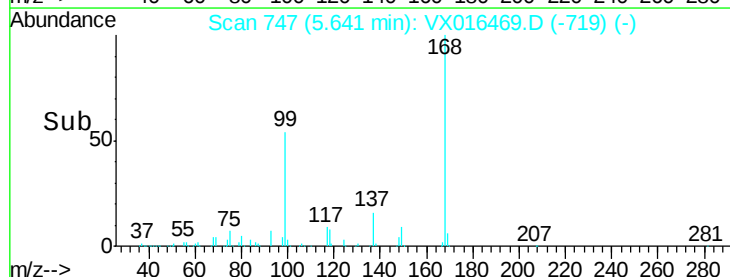
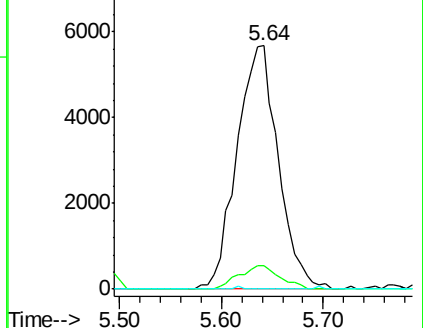
77 0.0 24.2 36.4#

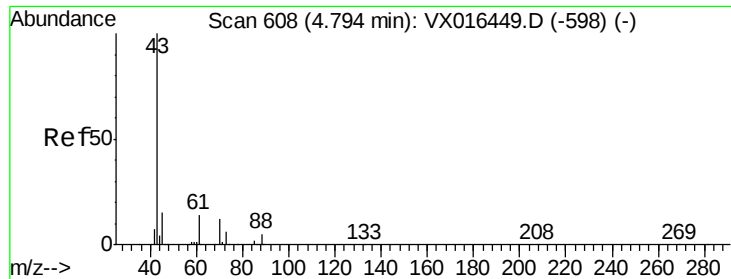


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

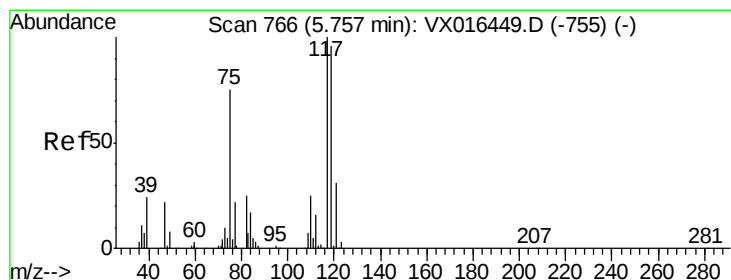
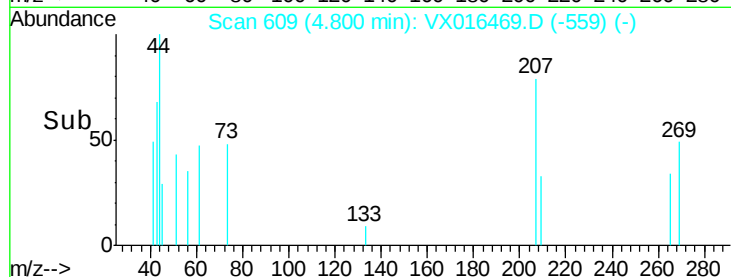
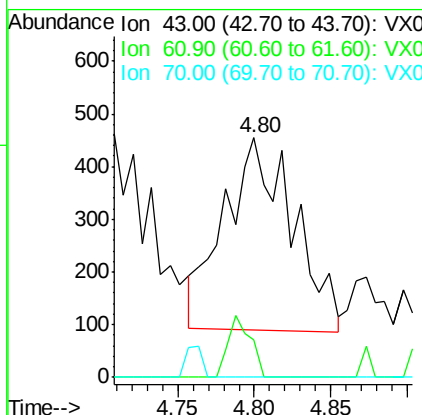
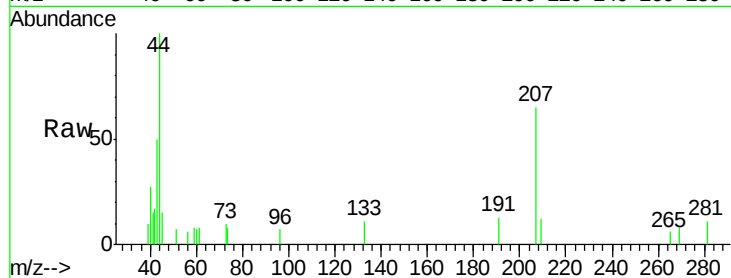




#37
Ethyl Acetate
Concen: 0.423 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX016469.D
Acq: 28 May 2020 00:22

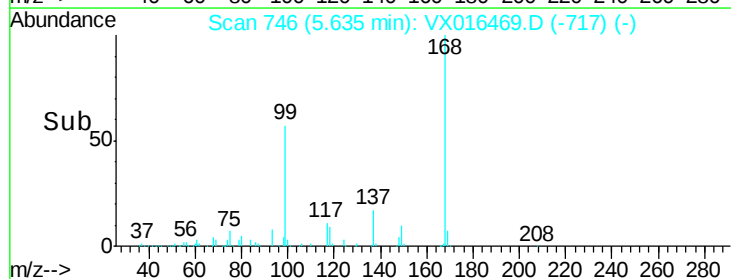
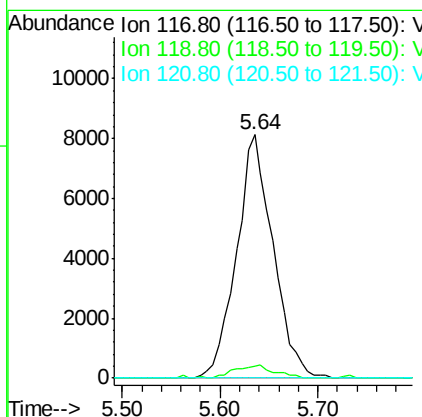
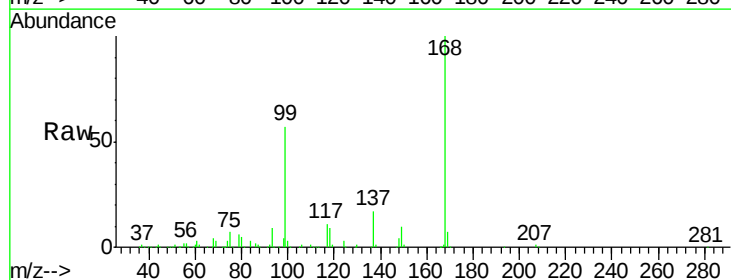
Instrument :
MSVOA_X
ClientSampled :
25-28-COMP

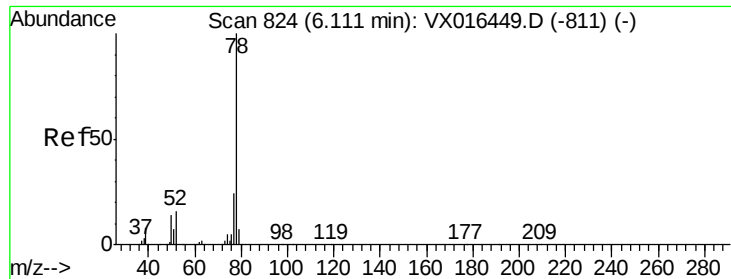
Tot Ion: 43 Resp: 1148
Ion Ratio Lower Upper
43 100
61 10.3 11.3 16.9#
70 0.0 9.3 13.9#



#38
Carbon Tetrachloride
Concen: 8.893 ug/l
RT: 5.64 min Scan# 746
Delta R.T. -0.12 min
Lab File: VX016469.D
Acq: 28 May 2020 00:22

Tgt Ion: 117 Resp: 21127
Ion Ratio Lower Upper
117 100
119 4.9 76.3 114.5#
121 0.0 24.6 37.0#





#40

Benzene

Concen: 0.235 ug/l

RT: 6.11 min Scan# 824

Delta R.T. -0.00 min

Lab File: VX016469.D

Acq: 28 May 2020 00:22

Instrument :

MSVOA_X

ClientSampled :

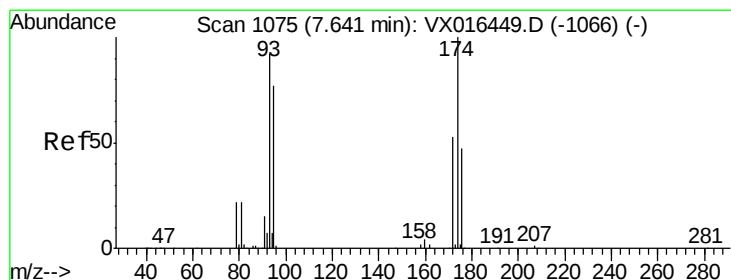
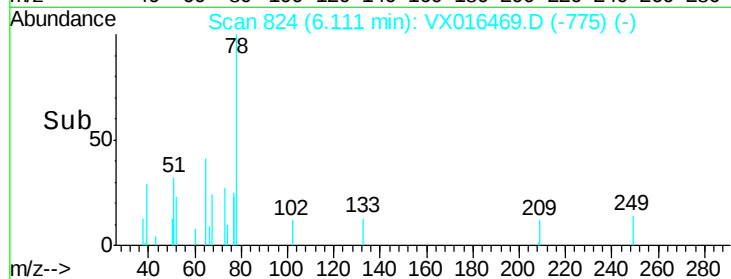
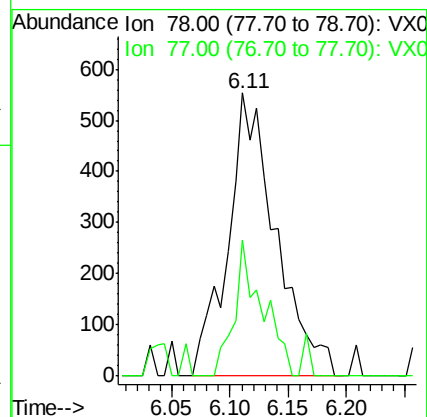
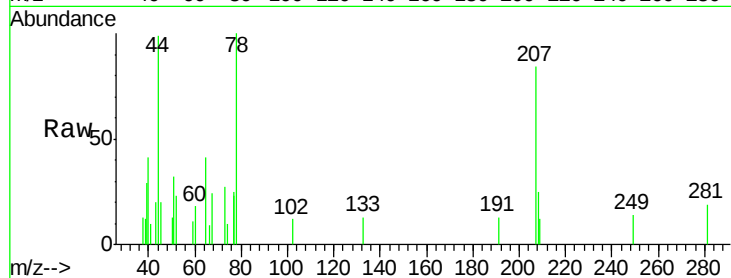
25-28-COMP

Tot Ion: 78 Resp: 1584

Ion Ratio Lower Upper

78 100

77 48.1 18.9 28.3#



#46

Dibromomethane

Concen: 3.491 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016469.D

Acq: 28 May 2020 00:22

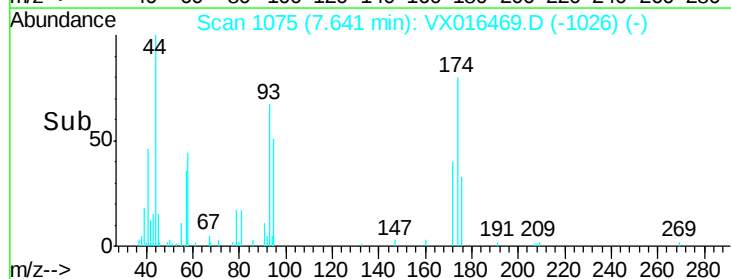
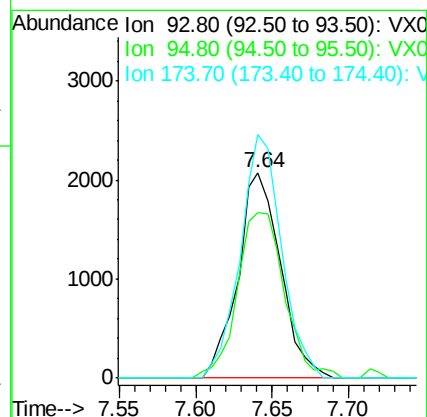
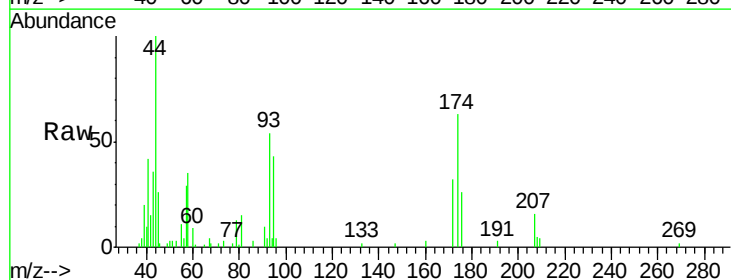
Tgt Ion: 93 Resp: 4019

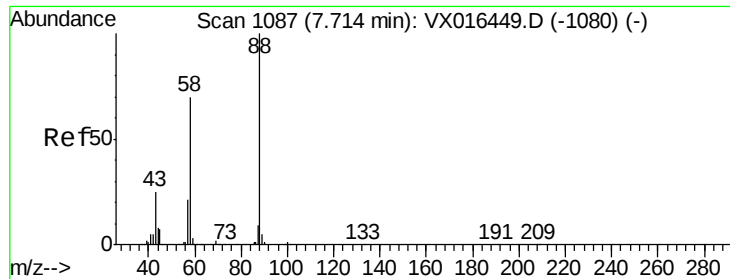
Ion Ratio Lower Upper

93 100

95 88.8 66.6 100.0

174 114.6 86.2 129.4





#49

1,4-Dioxane

Concen: 0.401 ug/l

RT: 7.62 min Scan# 1071

Delta R.T. -0.10 min

Lab File: VX016469.D

Acq: 28 May 2020 00:22

Instrument :

MSVOA_X

ClientSampled :

25-28-COMP

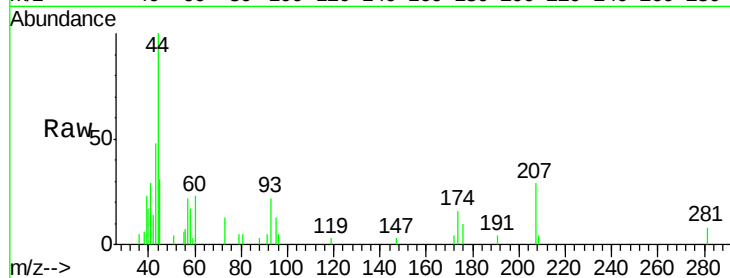
Tot Ion: 88 Resp: 19

Ion Ratio Lower Upper

88 100

43 12426.3 24.2 36.4#

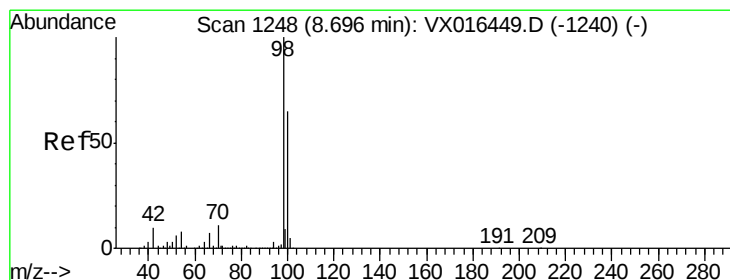
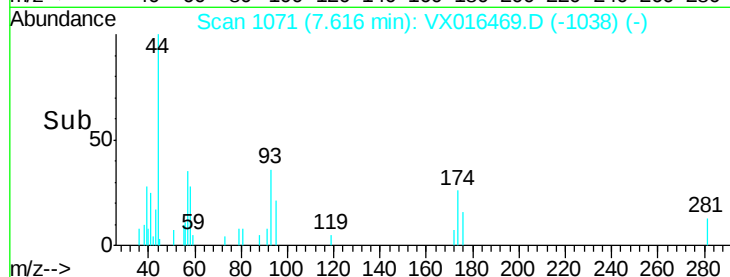
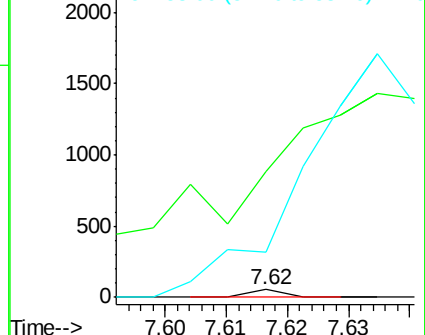
58 17889.5 56.5 84.7#



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 45.469 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016469.D

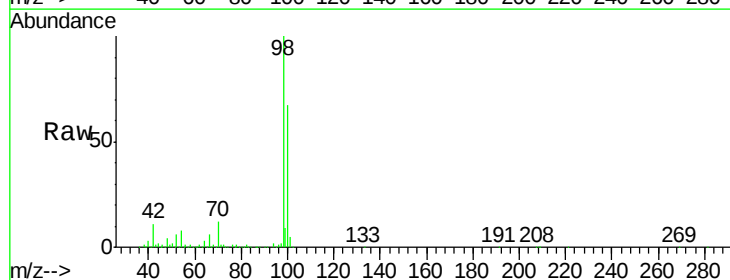
Acq: 28 May 2020 00:22

Tgt Ion: 98 Resp: 260194

Ion Ratio Lower Upper

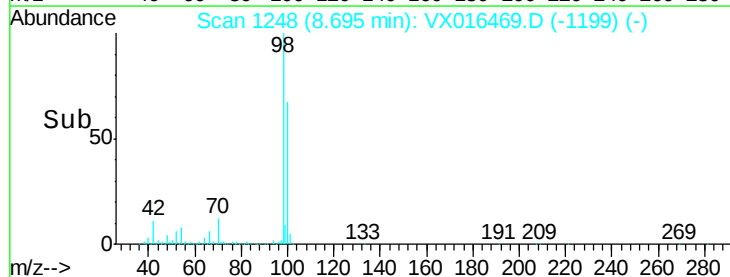
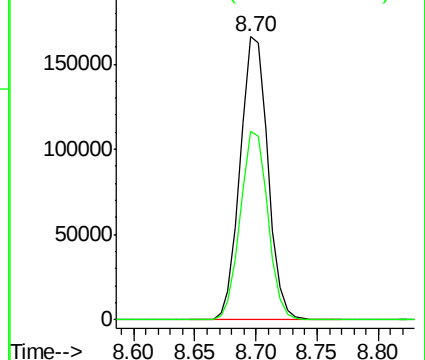
98 100

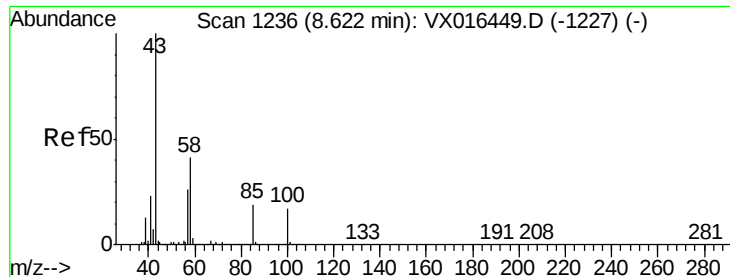
100 66.4 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 1.858 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016469.D

Acq: 28 May 2020 00:22

Instrument :

MSVOA_X

ClientSampleId :

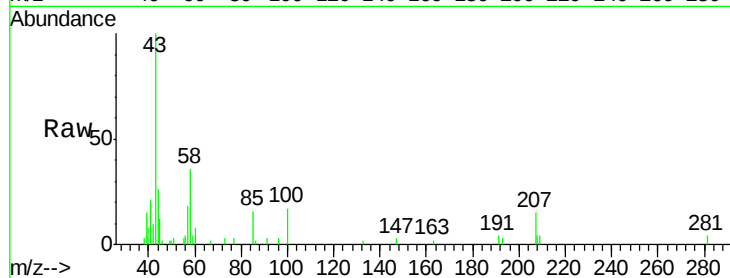
25-28-COMP

Tot Ion: 43 Resp: 4898

Ion Ratio Lower Upper

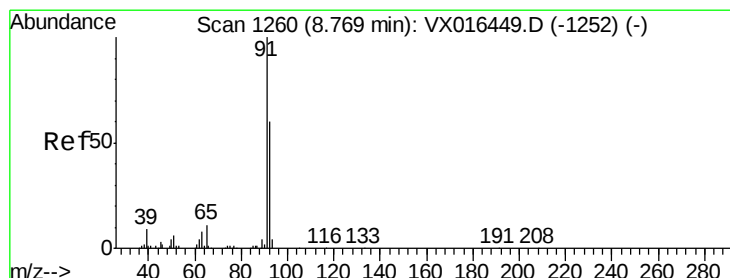
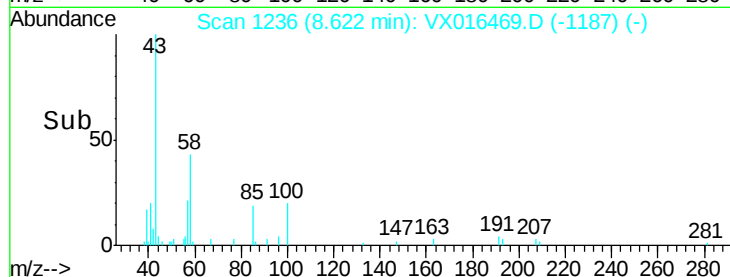
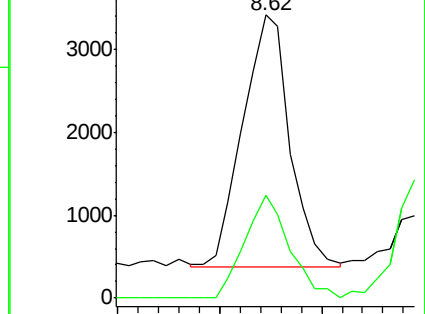
43 100

58 38.6 33.0 49.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 0.563 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX016469.D

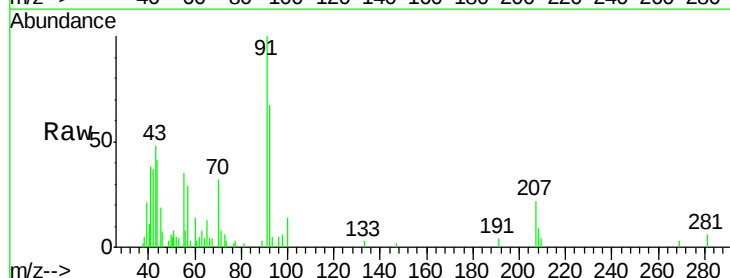
Acq: 28 May 2020 00:22

Tgt Ion: 92 Resp: 2389

Ion Ratio Lower Upper

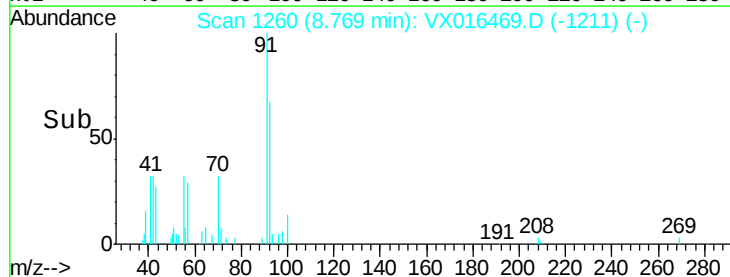
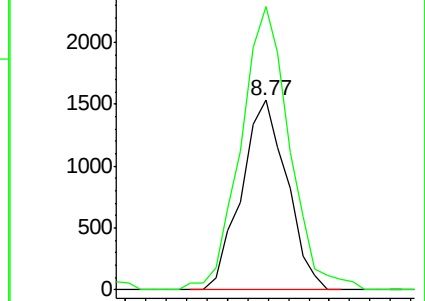
92 100

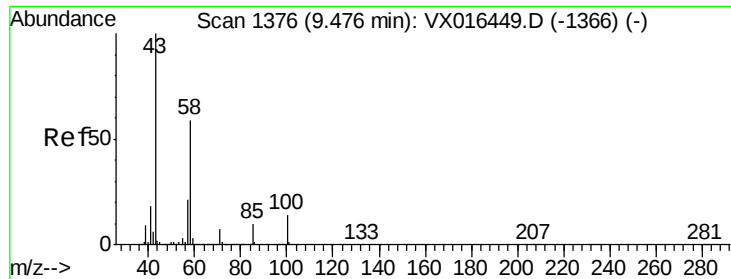
91 159.2 135.0 202.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

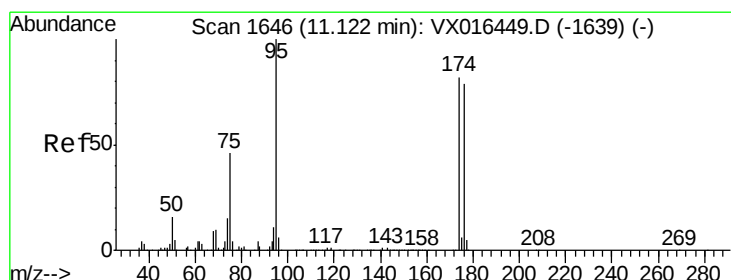
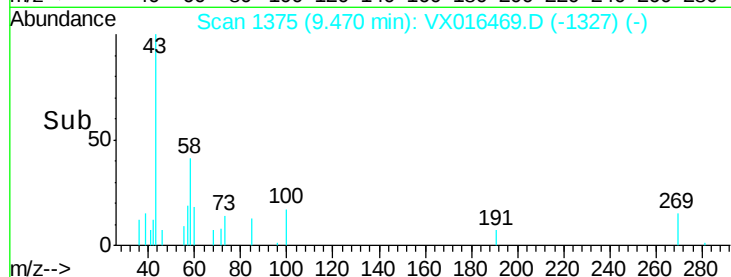
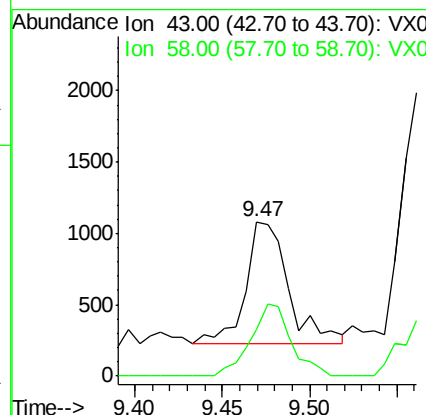
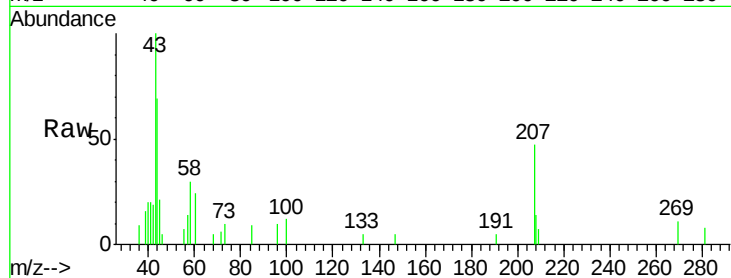




#59
2-Hexanone
Concen: 0.709 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016469.D
Acq: 28 May 2020 00:22

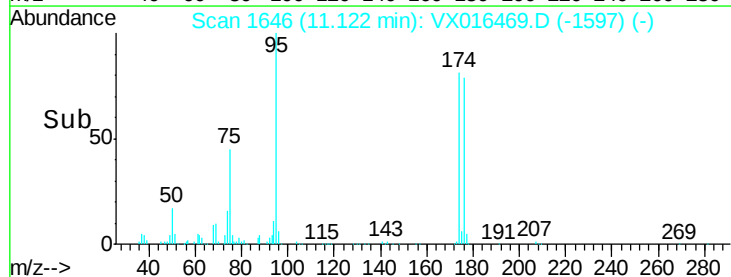
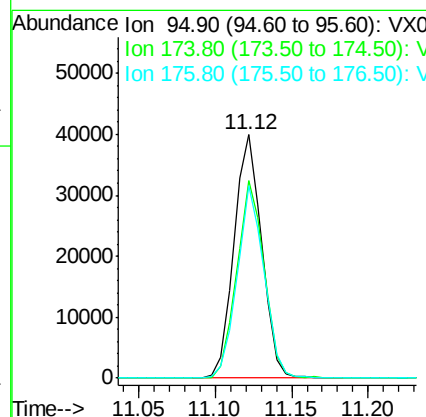
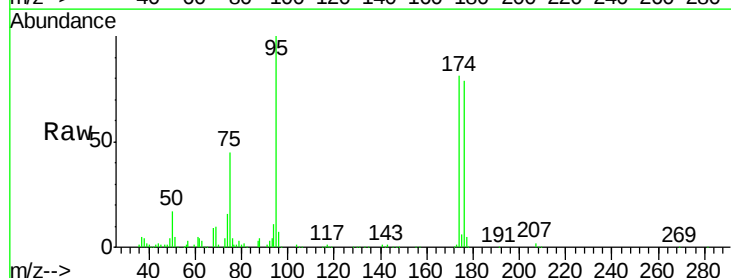
Instrument :
MSVOA_X
ClientSampleId :
25-28-COMP

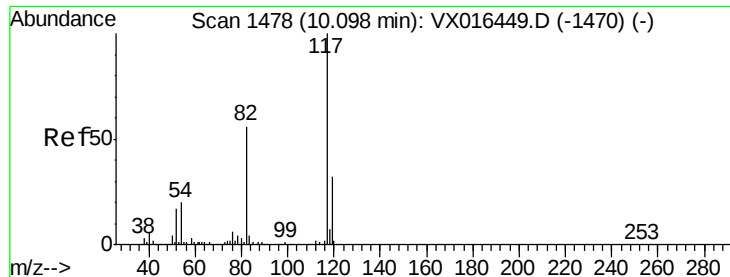
Tot Ion: 43 Resp: 1454
Ion Ratio Lower Upper
43 100
58 56.5 28.8 86.4



#62
4-Bromofluorobenzene
Concen: 22.554 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016469.D
Acq: 28 May 2020 00:22

Tgt Ion: 95 Resp: 49870
Ion Ratio Lower Upper
95 100
174 80.5 0.0 163.0
176 76.7 0.0 156.8

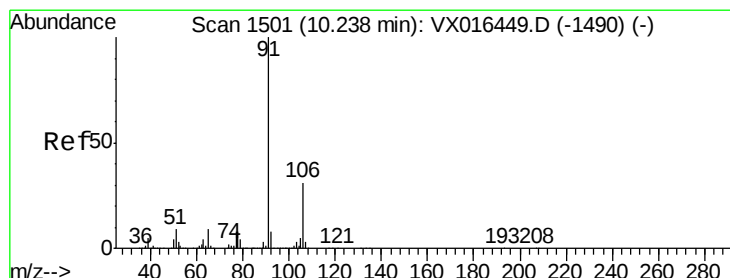
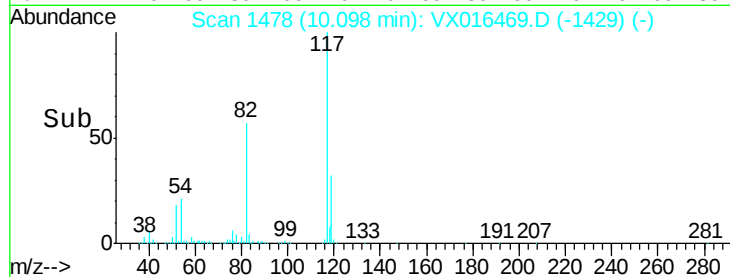
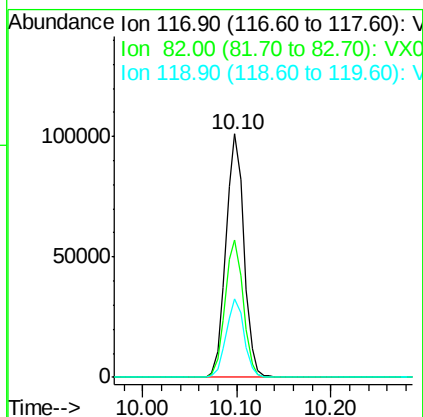
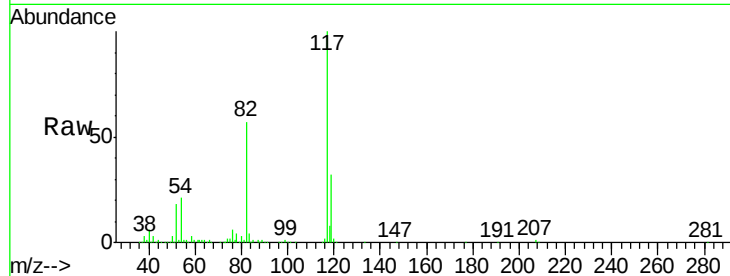




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016469.D
Acq: 28 May 2020 00:22

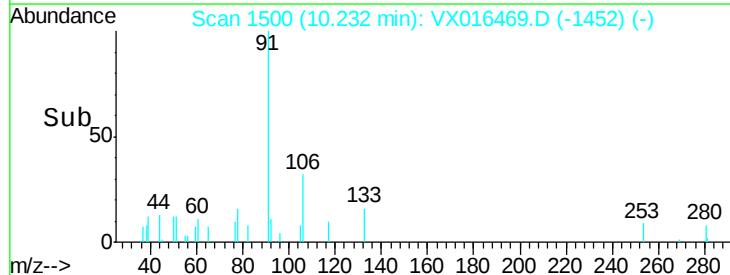
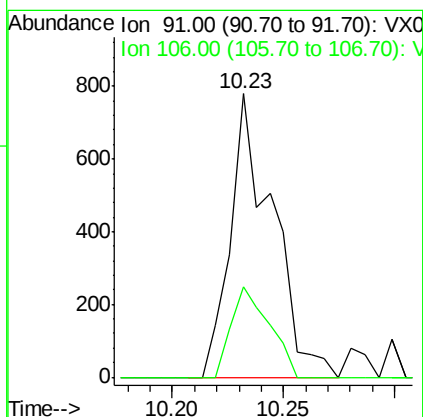
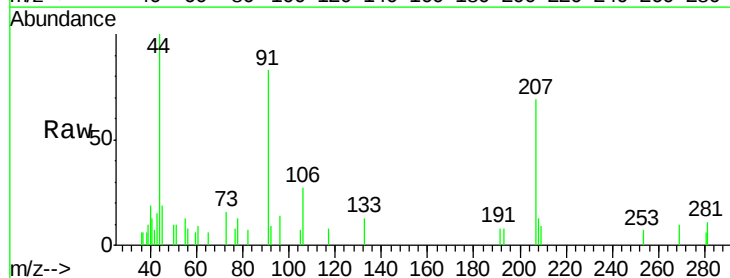
Instrument :
MSVOA_X
ClientSampled :
25-28-COMP

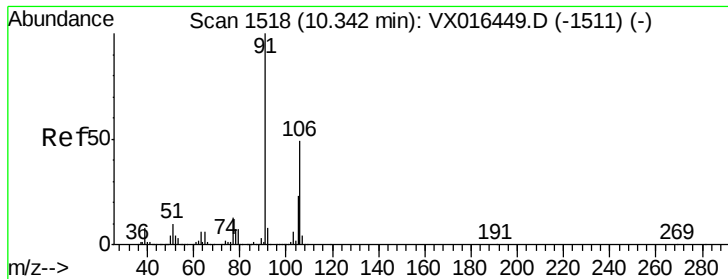
Tot Ion:117 Resp: 134461
Ion Ratio Lower Upper
117 100
82 56.6 45.0 67.6
119 32.2 25.8 38.8



#67
Ethyl Benzene
Concen: 0.210 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX016469.D
Acq: 28 May 2020 00:22

Tgt Ion: 91 Resp: 1027
Ion Ratio Lower Upper
91 100
106 32.0 25.0 37.4

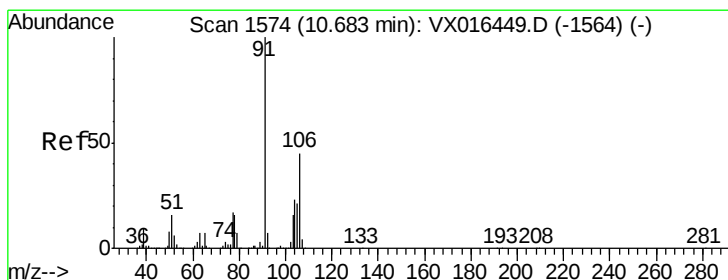
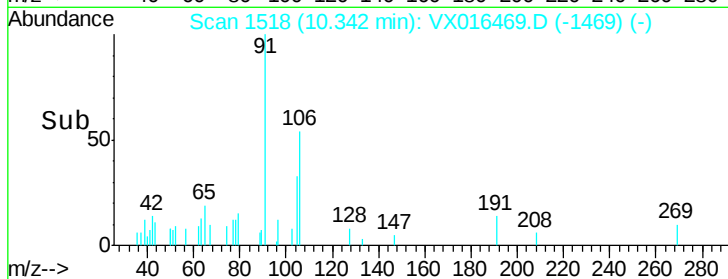
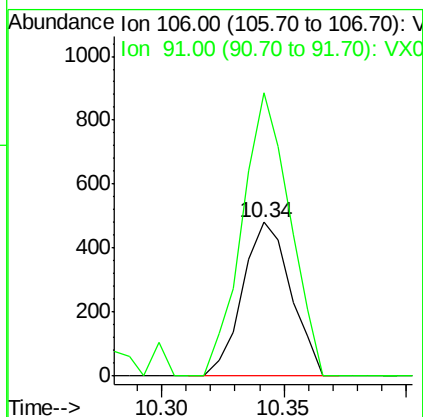
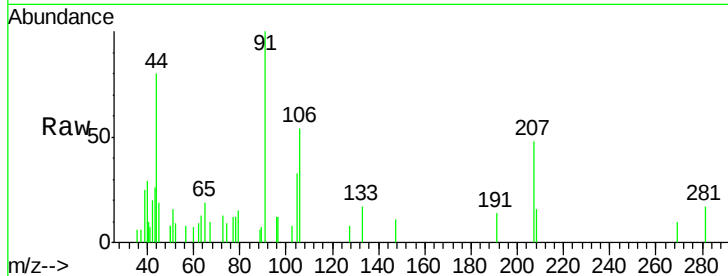




#68
m/p-Xylenes
Concen: 0.367 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016469.D
Acq: 28 May 2020 00:22

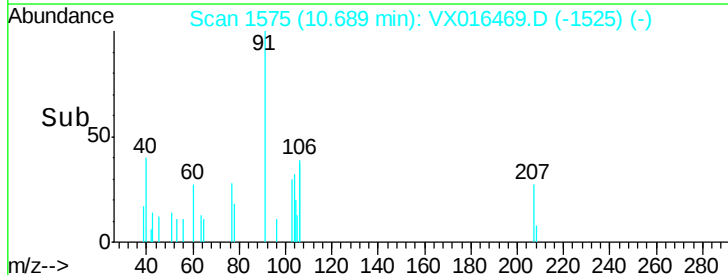
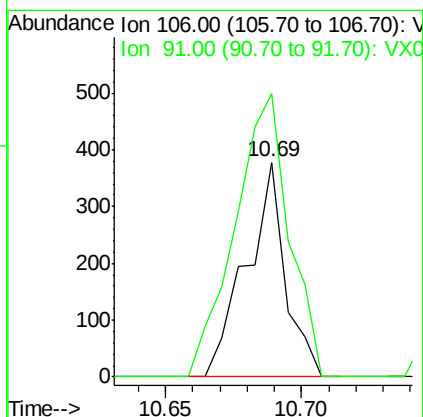
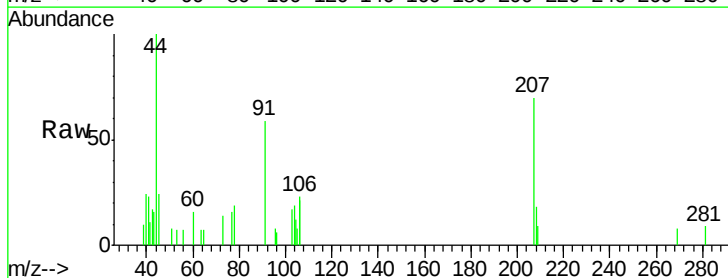
Instrument :
MSVOA_X
ClientSampleId :
25-28-COMP

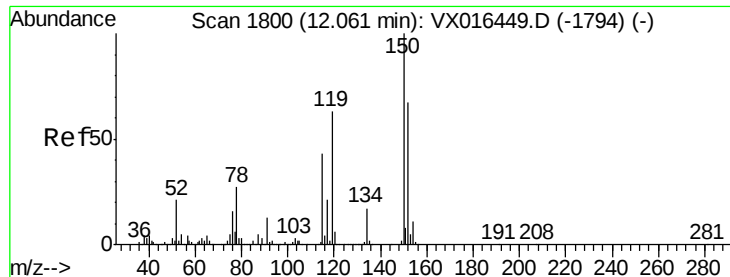
Tot Ion:106 Resp: 664
Ion Ratio Lower Upper
106 100
91 182.1 163.8 245.8



#69
o-Xylene
Concen: 0.213 ug/l
RT: 10.69 min Scan# 1575
Delta R.T. 0.01 min
Lab File: VX016469.D
Acq: 28 May 2020 00:22

Tgt Ion:106 Resp: 373
Ion Ratio Lower Upper
106 100
91 184.2 109.6 328.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016469.D

Acq: 28 May 2020 00:22

Instrument :

MSVOA_X

ClientSampleId :

25-28-COMP

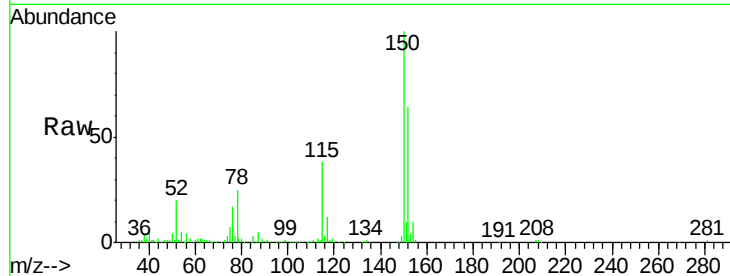
Tot Ion:152 Resp: 36366

Ion Ratio Lower Upper

152 100

115 59.8 39.9 119.6

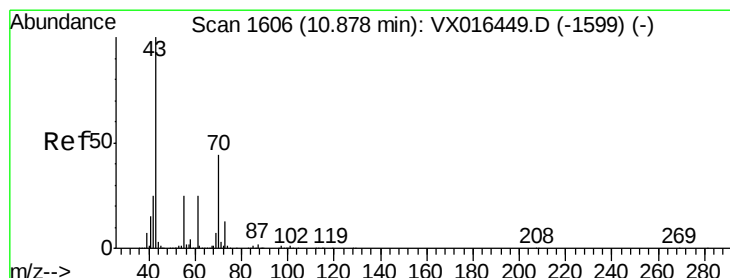
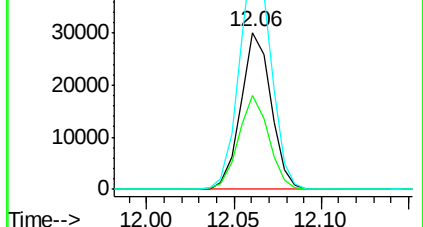
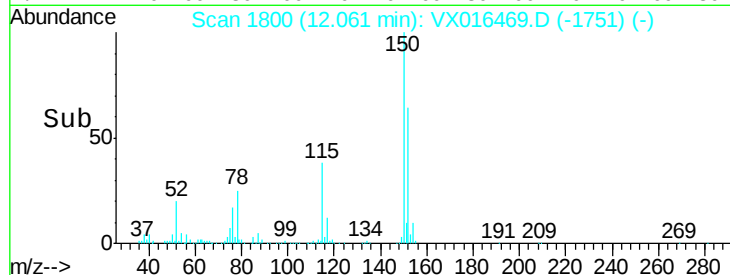
150 153.0 0.0 341.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#74

N-ethyl acetate

Concen: 1.502 ug/l

RT: 10.90 min Scan# 1609

Delta R.T. 0.02 min

Lab File: VX016469.D

Acq: 28 May 2020 00:22

Tgt Ion: 43 Resp: 1741

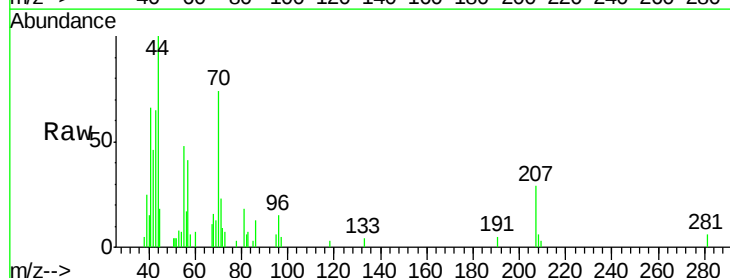
Ion Ratio Lower Upper

43 100

70 106.1 36.1 54.1#

55 117.2 20.2 30.4#

61 0.0 20.3 30.5#

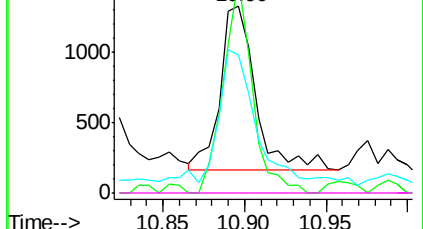
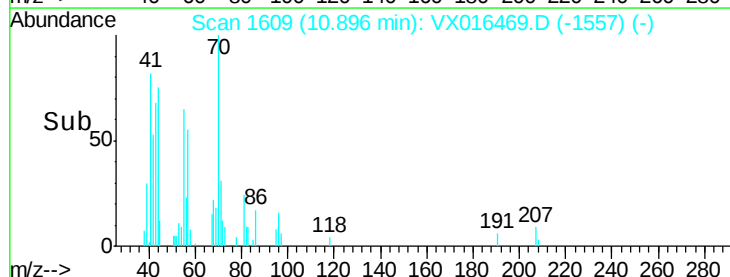


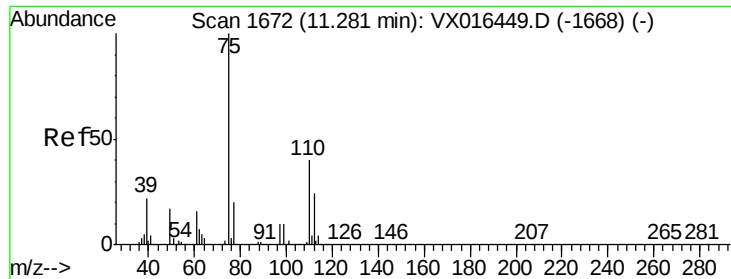
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#76

1,2,3-Trichloropropane

Concen: 30.057 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016469.D

Acq: 28 May 2020 00:22

Instrument :

MSVOA_X

ClientSampleId :

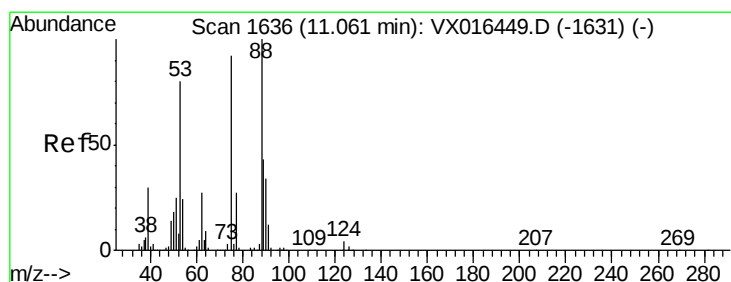
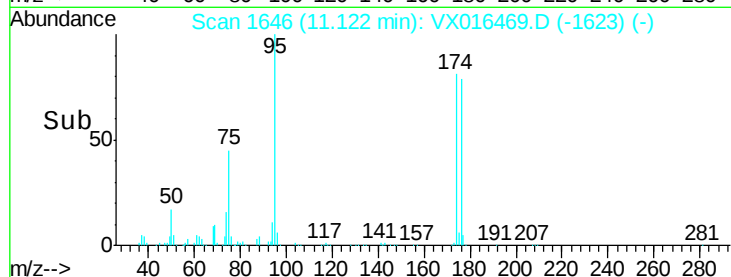
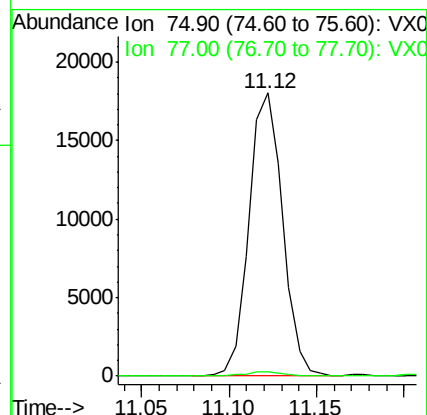
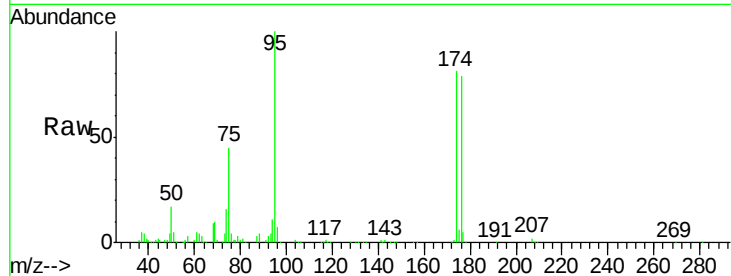
25-28-COMP

Tot Ion: 75 Resp: 24026

Ion Ratio Lower Upper

75 100

77 1.9 21.3 63.7#



#81

trans-1,4-Dichloro-2-butene

Concen: 73.936 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX016469.D

Acq: 28 May 2020 00:22

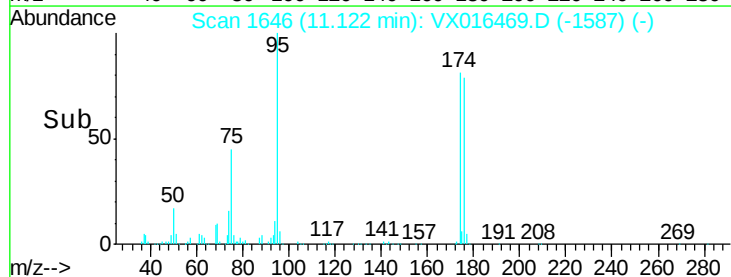
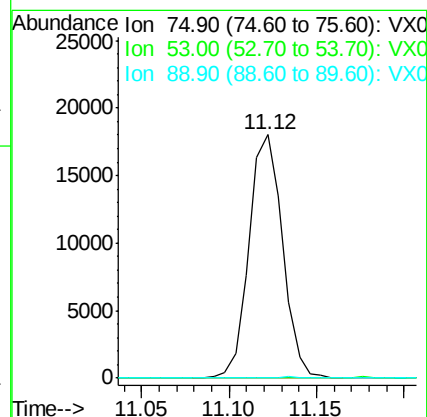
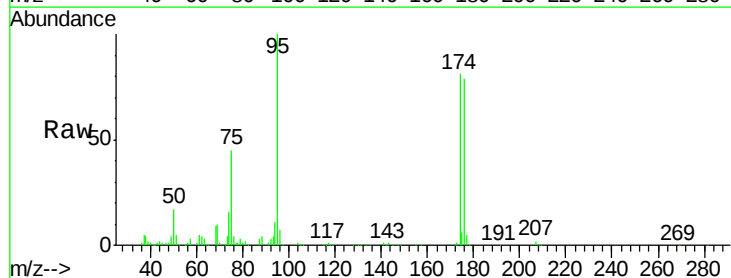
Tgt Ion: 75 Resp: 24026

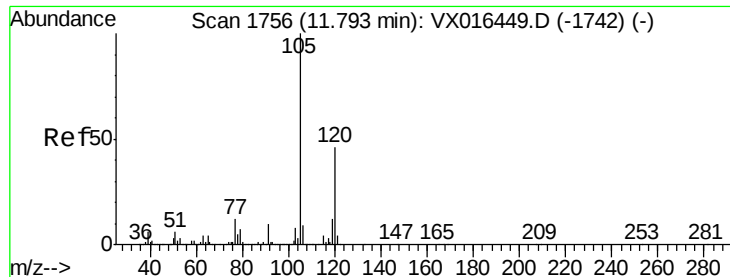
Ion Ratio Lower Upper

75 100

53 0.0 71.3 106.9#

89 0.2 36.6 55.0#

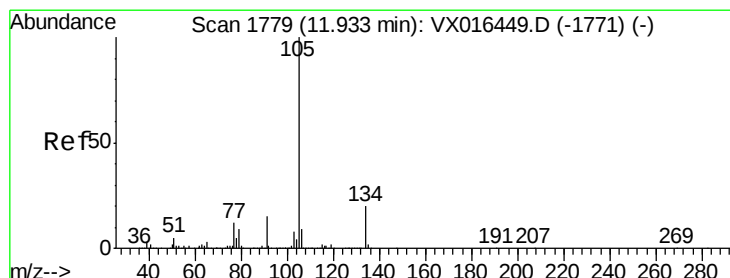
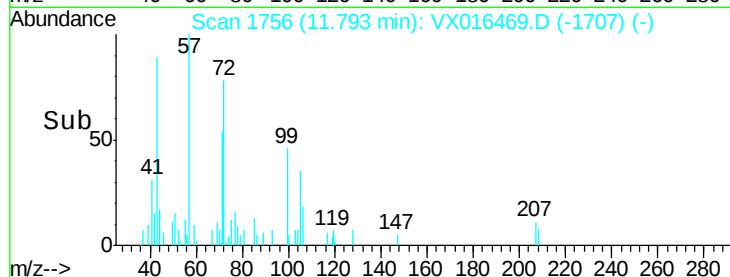
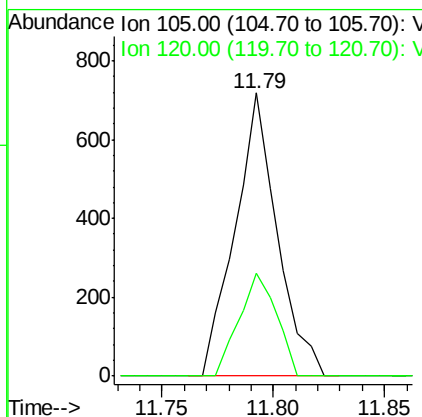
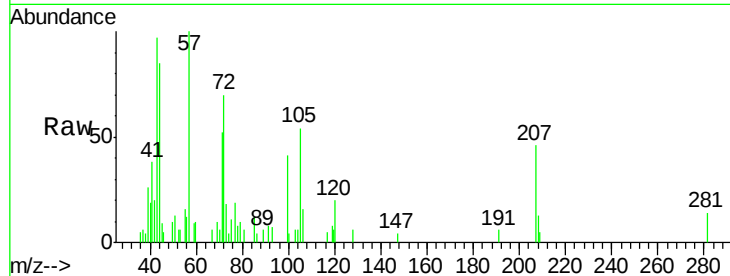




#84
 1,2,4-Trimethylbenzene
 Concen: 0.445 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016469.D
 Acq: 28 May 2020 00:22

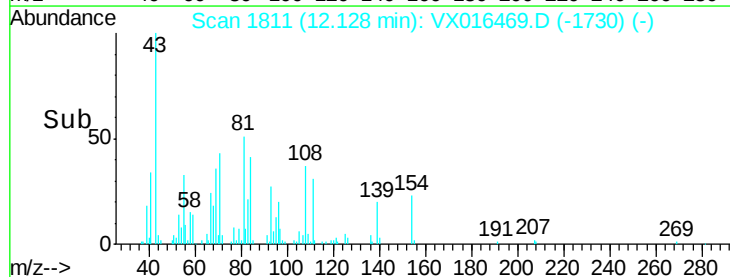
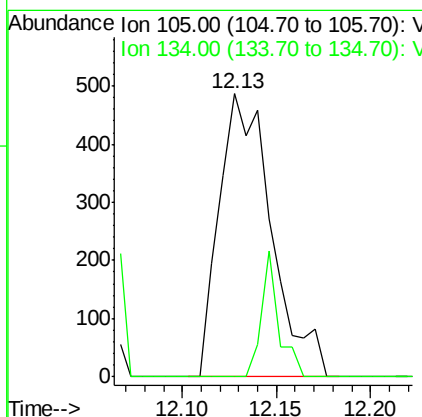
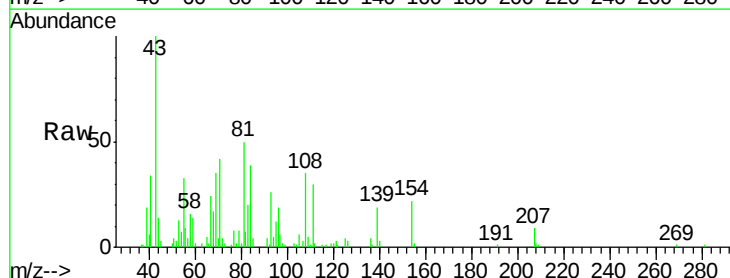
Instrument :
 MSVOA_X
 ClientSampleId :
 25-28-COMP

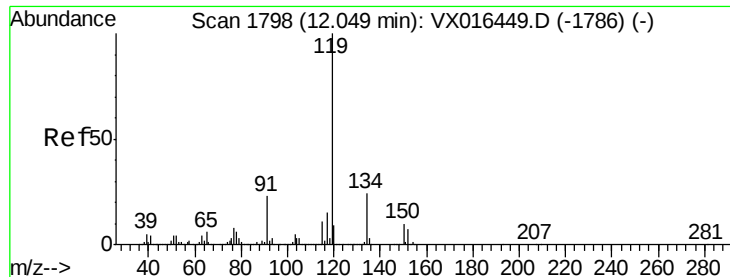
Tot Ion:105 Resp: 947
 Ion Ratio Lower Upper
 105 100
 120 32.2 22.6 67.7



#85
 sec-Butylbenzene
 Concen: 0.415 ug/l
 RT: 12.13 min Scan# 1811
 Delta R.T. 0.19 min
 Lab File: VX016469.D
 Acq: 28 May 2020 00:22

Tgt Ion:105 Resp: 935
 Ion Ratio Lower Upper
 105 100
 134 14.7 10.1 30.3

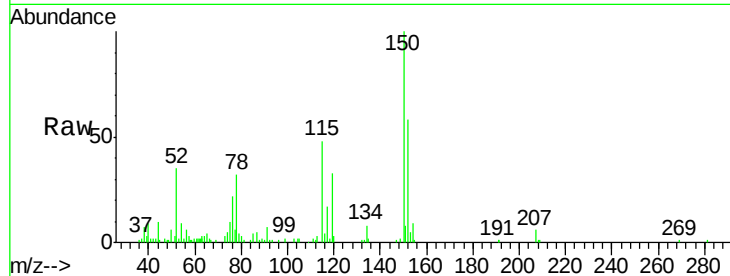




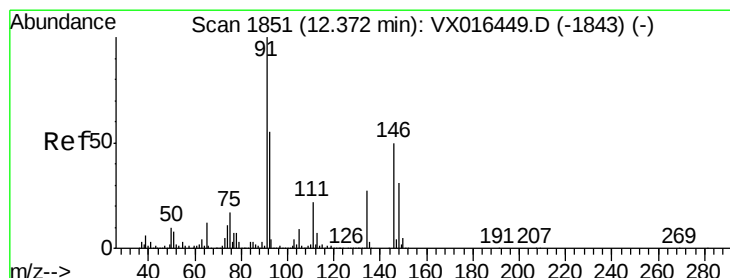
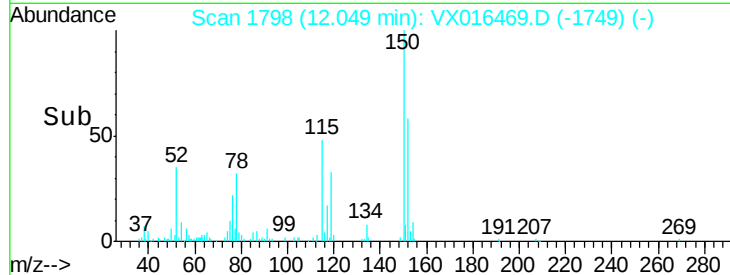
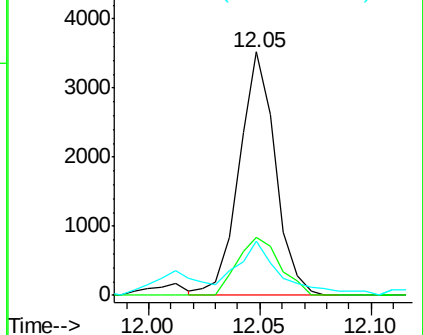
#86
 p-Isopropyltoluene
 Concen: 1.883 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016469.D
 Acq: 28 May 2020 00:22

Instrument :
 MSVOA_X
 ClientSampleId :
 25-28-COMP

Tot Ion:119 Resp: 3977
 Ion Ratio Lower Upper
 119 100
 134 28.0 12.7 38.0
 91 27.0 11.7 35.0

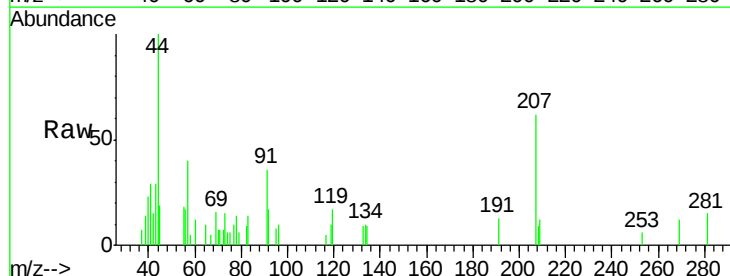


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

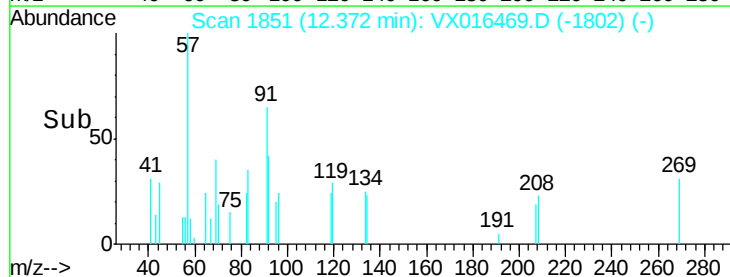
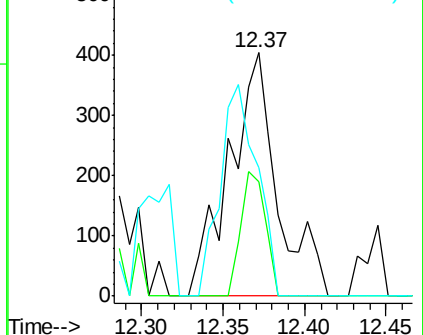


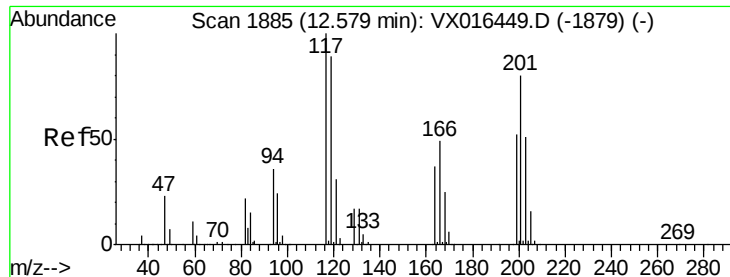
#89
 n-Butylbenzene
 Concen: 0.476 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX016469.D
 Acq: 28 May 2020 00:22

Tgt Ion: 91 Resp: 837
 Ion Ratio Lower Upper
 91 100
 92 25.9 27.2 81.5#
 134 66.5 13.1 39.3#



Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 92.00 (91.70 to 92.70): VX0
 Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 0.266 ug/l

RT: 12.57 min Scan# 1884

Delta R.T. -0.01 min

Lab File: VX016469.D

Acq: 28 May 2020 00:22

Instrument :

MSVOA_X

ClientSampled :

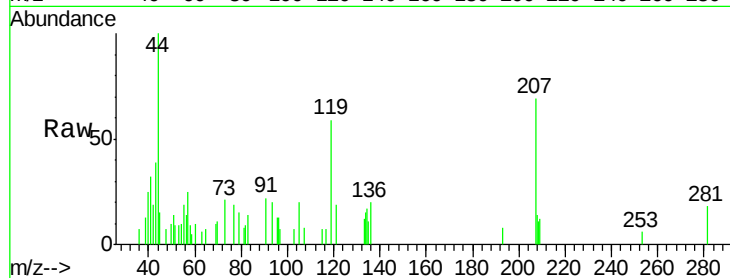
25-28-COMP

Tot Ion:117 Resp: 97

Ion Ratio Lower Upper

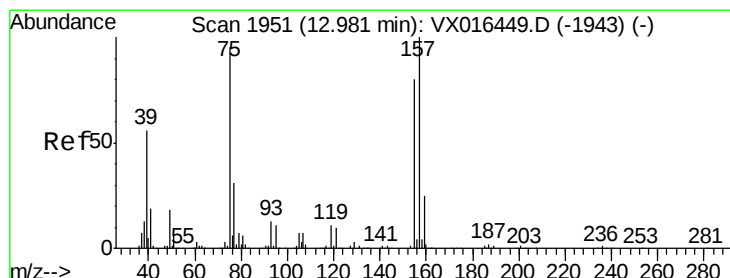
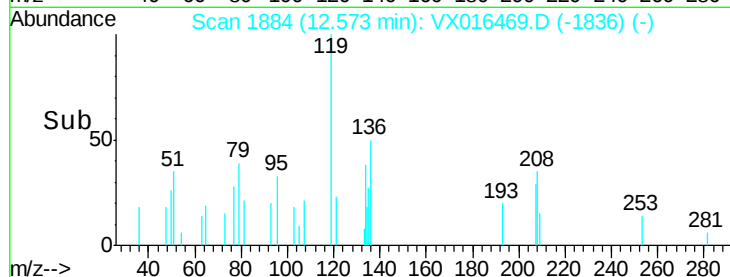
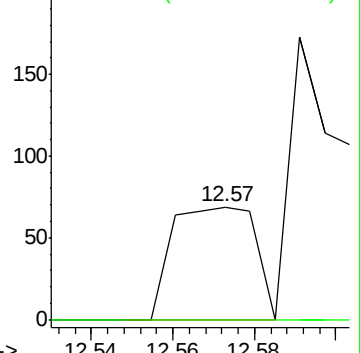
117 100

201 0.0 43.1 129.3#



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: 0.220 ug/l

RT: 12.99 min Scan# 1952

Delta R.T. 0.01 min

Lab File: VX016469.D

Acq: 28 May 2020 00:22

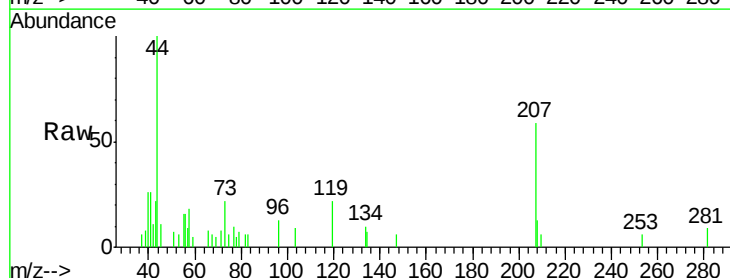
Tgt Ion: 75 Resp: 45

Ion Ratio Lower Upper

75 100

155 0.0 44.1 132.4#

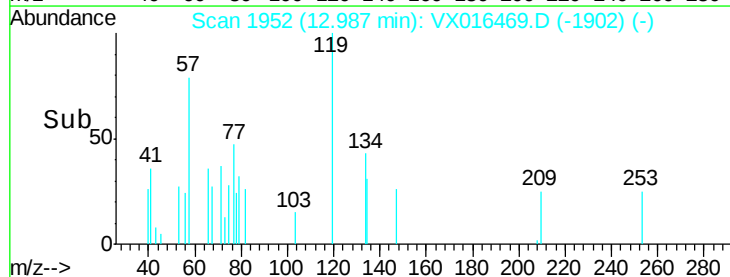
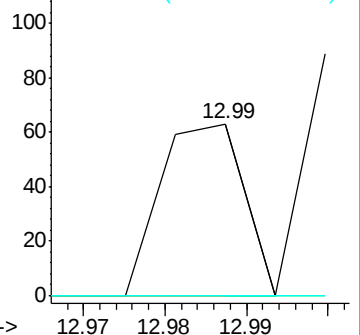
157 0.0 57.8 173.3#

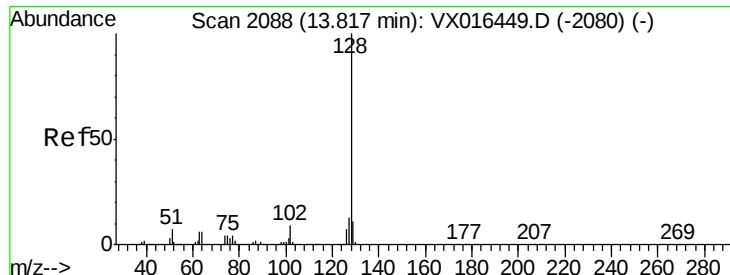


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 0.284 ug/l

RT: 13.82 min Scan# 2089

Delta R.T. 0.01 min

Lab File: VX016469.D

Acq: 28 May 2020 00:22

Instrument :

MSVOA_X

ClientSampleId :

25-28-COMP

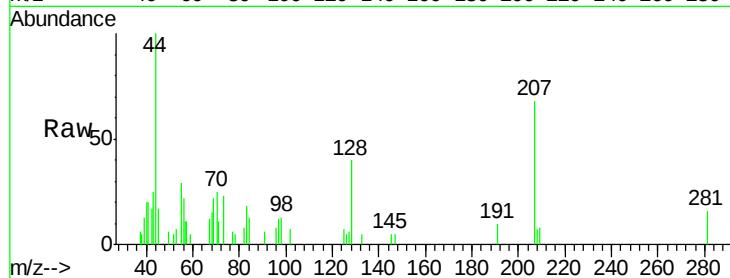
Tot Ion:128 Resp: 718

Ion Ratio Lower Upper

128 100

127 9.1 10.6 15.8#

129 0.0 8.6 13.0#



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

