

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VO072220\
 Data File : VX017477.D
 Acq On : 22 Jul 2020 19:55
 Operator : JC/SP
 Sample : L3395-09MS
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GAY18MS

Manual Integrations
 APPROVED

MMDadoda
 7/24/2020 8:36:29 AM

Quant Time: Jul 23 05:03:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 23 02:59:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	450066	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	414226	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	201260	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	139893	3.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.80%
7) Chloroethane-d5	1.69	69	108937	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.20%
11) 1,1-Dichloroethene-d2	2.34	63	286476	4.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.40%
20) 2-Butanone-d5	4.53	46	343727	52.56	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.12%
24) Chloroform-d	5.14	84	259541	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	6.03	65	145662	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
32) Benzene-d6	6.05	84	524979	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
36) 1,2-Dichloropropane-d6	7.37	67	163980	5.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.80%
41) Toluene-d8	8.70	98	465132	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
45) trans-1,3-Dichloropropene-	8.99	79	68438	5.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.40%
48) 2-Hexanone-d5	9.43	63	274215	58.98	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.96%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	118171	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.40%
65) 1,2-Dichlorobenzene-d4	12.36	152	182916	5.37	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.39	62	6781m	0.154	ug/L	
12) 1,1-Dichloroethene	2.35	96	142821	4.485	ug/L	96
13) Acetone	2.42	43	26326	4.989	ug/L	94
14) Carbon disulfide	2.55	76	95394	0.883	ug/L	99
18) trans-1,2-Dichloroethene	3.14	96	6322	0.186	ug/L	93
22) cis-1,2-Dichloroethene	4.56	96	18678	0.557	ug/L	73
30) Cyclohexane	5.54	56	12410	0.276	ug/L #	23
33) Benzene	6.11	78	743468	6.095	ug/L	100
34) Trichloroethene	7.19	95	178257	5.416	ug/L	98
35) Methylcyclohexane	7.44	83	9567	0.215	ug/L #	84
42) Toluene	8.76	91	968157	7.915	ug/L	98
53) Chlorobenzene	10.12	112	452656	5.439	ug/L	99
54) Ethylbenzene	10.24	91	118116	0.890	ug/L	96
55) m,p-xylene	10.34	106	130554	2.465	ug/L	95
56) o-xylene	10.68	106	39924	0.777	ug/L	92

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Quant Time: Jul 23 05:03:40 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 23 02:59:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

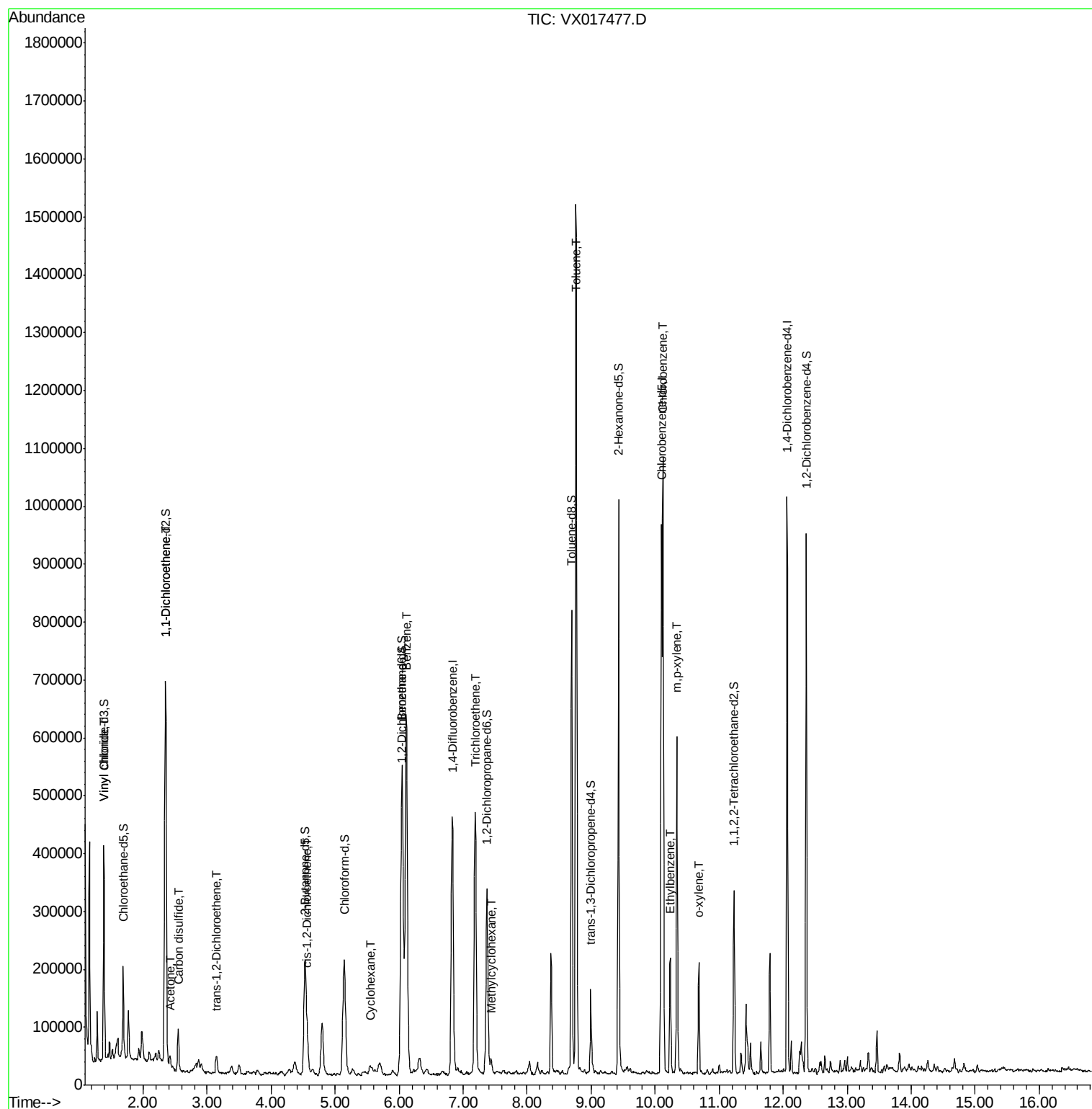
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Data File : VX017477.D
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Operator : JC/SP
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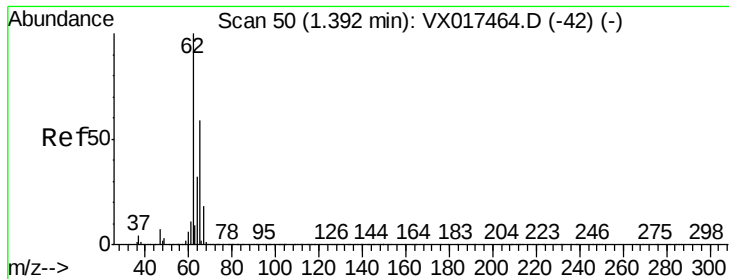
Instrument :
MSVOA_X
ClientSampleId :
GAY18MS

Manual Integrations
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7/24/2020 8:36:29 AM

Quant Time: Jul 23 05:03:40 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 23 02:59:48 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.154 ug/L m

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017477.D

Acq: 22 Jul 2020 19:55

Instrument :

MSVOA_X

ClientSampleId :

GAY18MS

Tot Ion: 62 Resp: 6781

Ion Ratio Lower Upper

62 100

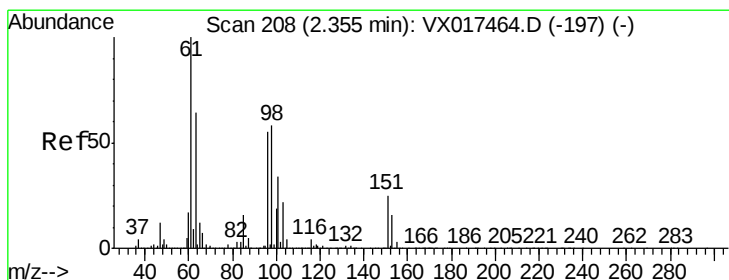
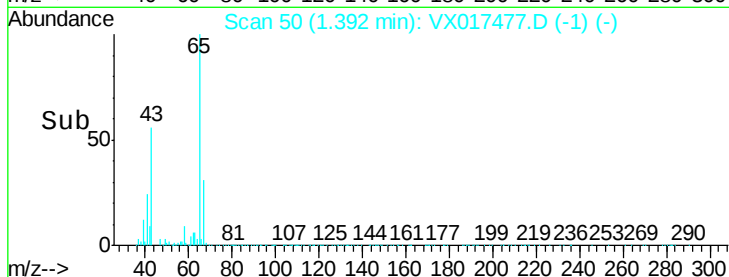
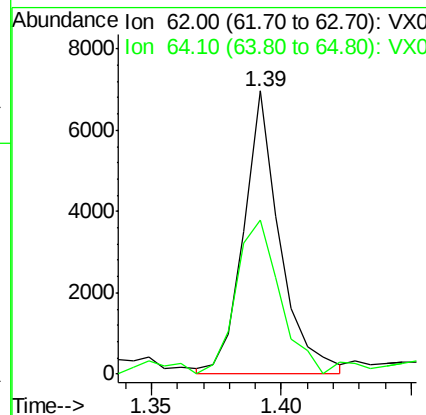
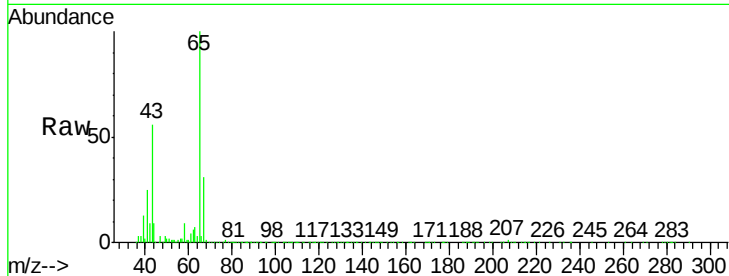
64 54.3 23.2 43.2#

Manual Integrations

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#12

1,1-Dichloroethene

Concen: 4.485 ug/L

RT: 2.35 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX017477.D

Acq: 22 Jul 2020 19:55

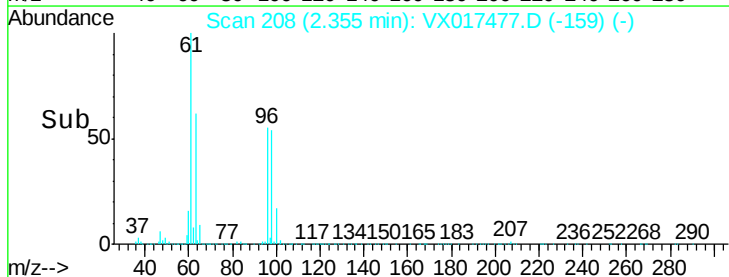
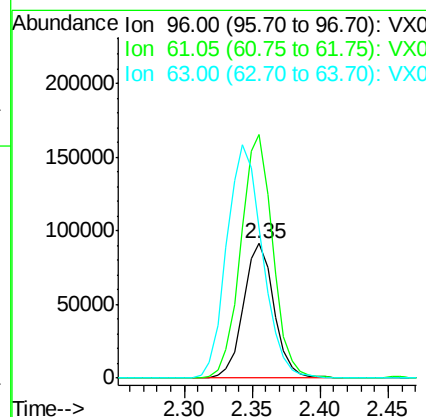
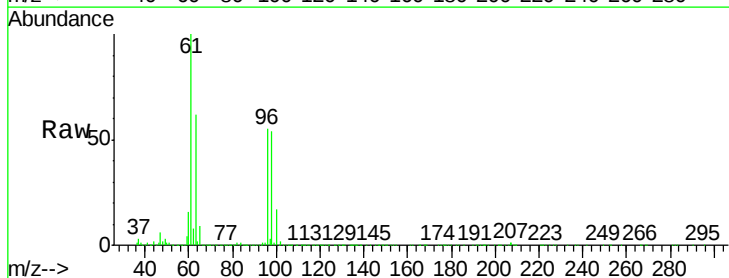
Tgt Ion: 96 Resp: 142821

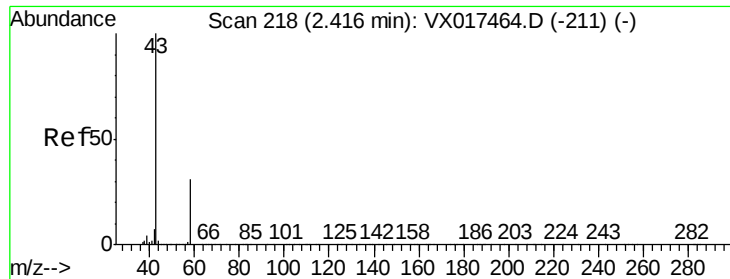
Ion Ratio Lower Upper

96 100

61 180.9 126.5 234.9

63 111.8 85.6 159.0





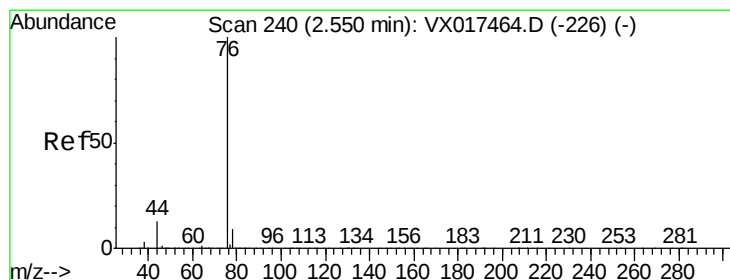
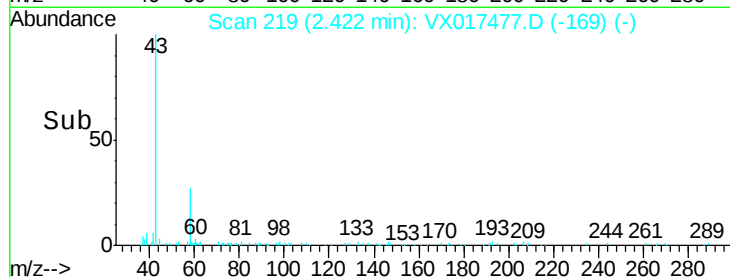
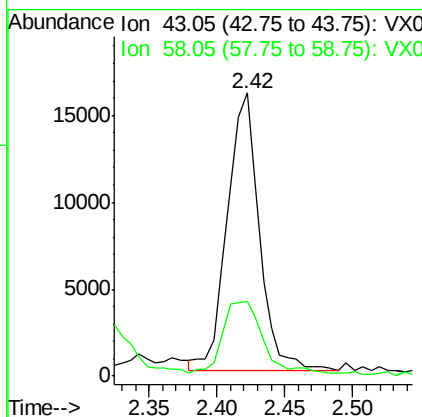
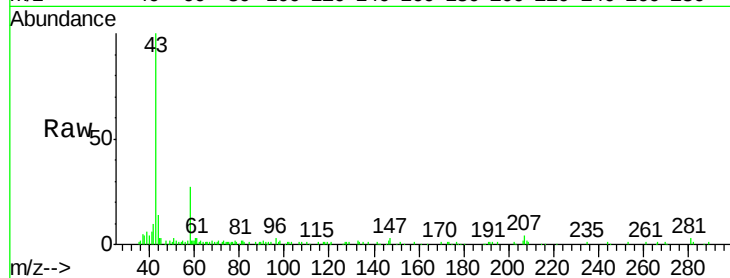
#13
Acetone
Concen: 4.989 ug/L
RT: 2.42 min Scan# 219
Delta R.T. 0.01 min
Lab File: VX017477.D
Acq: 22 Jul 2020 19:55

Instrument :
MSVOA_X
ClientSampleId :
GAY18MS

Tot Ion	Ratio	Lower	Upper
43	100		
58	32.4	0.0	58.6

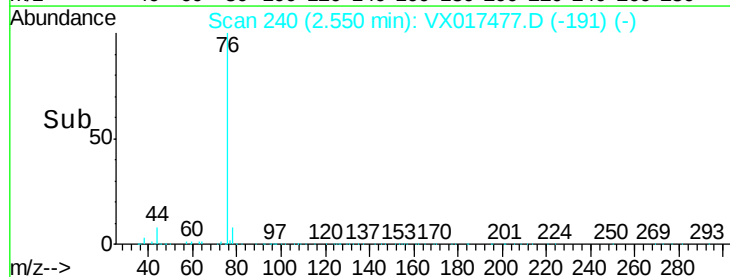
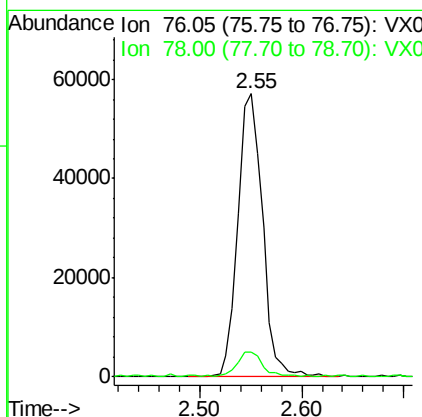
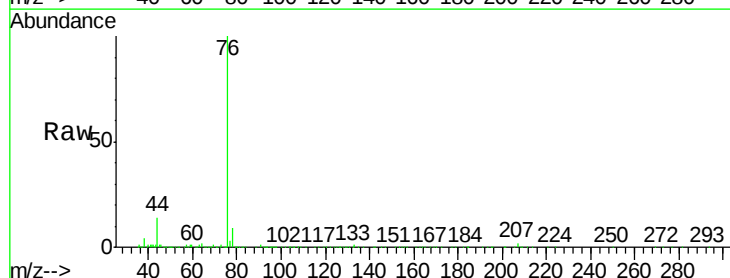
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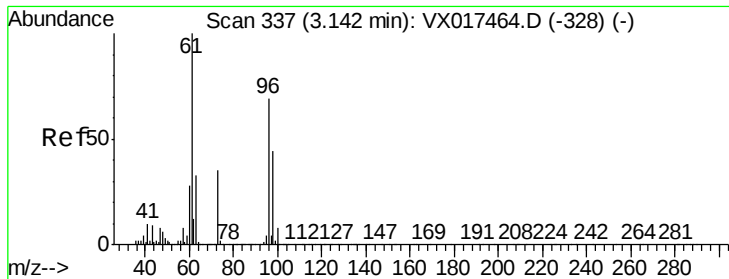
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#14
Carbon disulfide
Concen: 0.883 ug/L
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX017477.D
Acq: 22 Jul 2020 19:55

Tgt Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.3	10.9





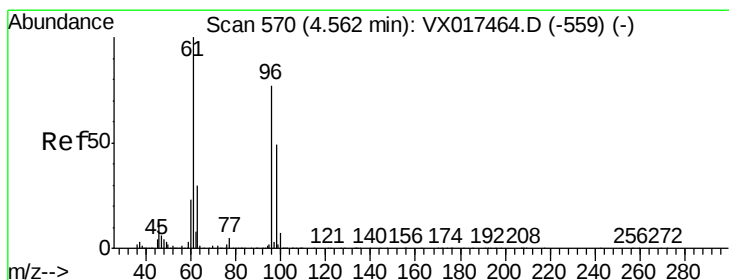
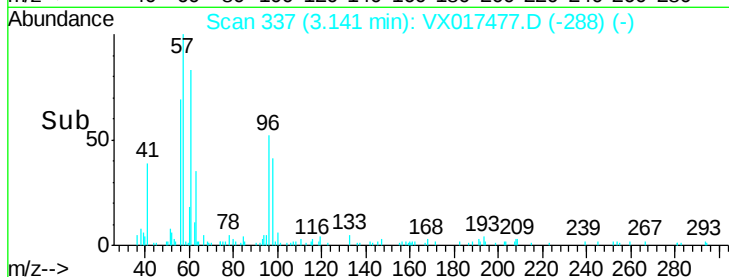
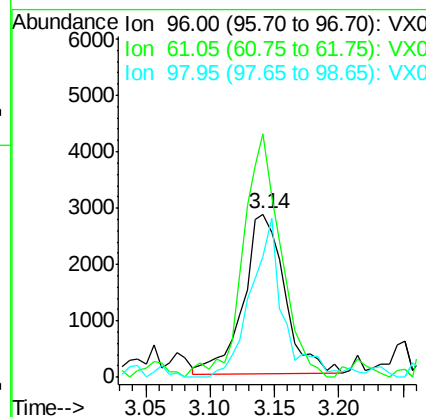
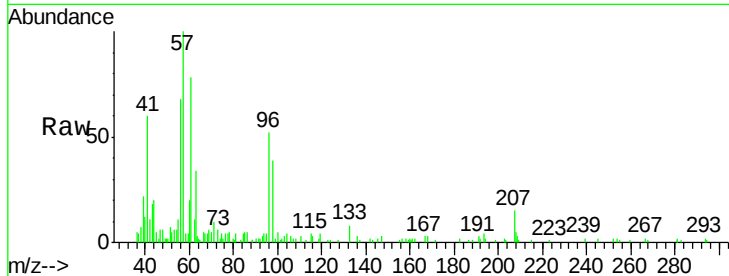
#18
trans-1,2-Dichloroethene
Concen: 0.186 ug/L
RT: 3.14 min Scan# 337
Delta R.T. -0.00 min
Lab File: VX017477.D
Acq: 22 Jul 2020 19:55

Instrument :
MSVOA_X
ClientSampleId :
GAY18MS

Tot Ion	Ratio	Lower	Upper
96	100		
61	149.2	99.8	185.4
98	74.0	46.4	86.2

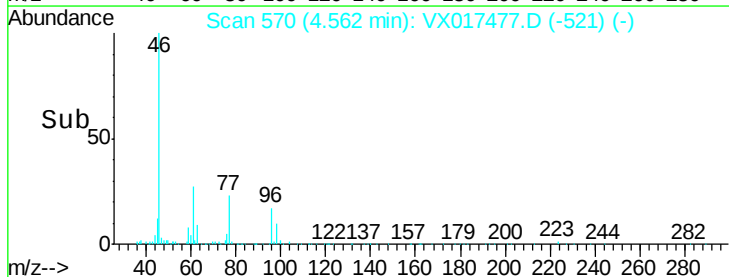
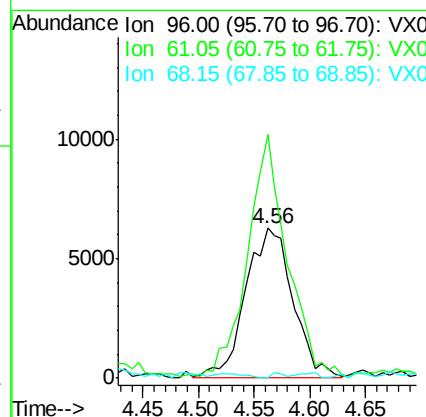
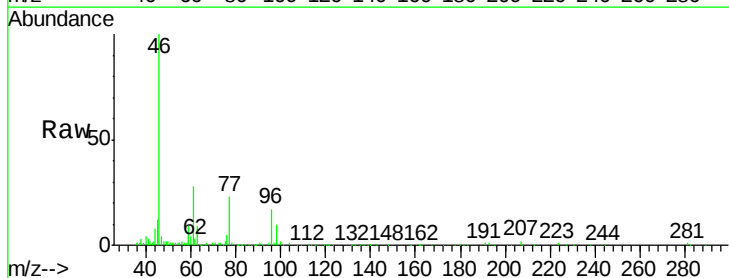
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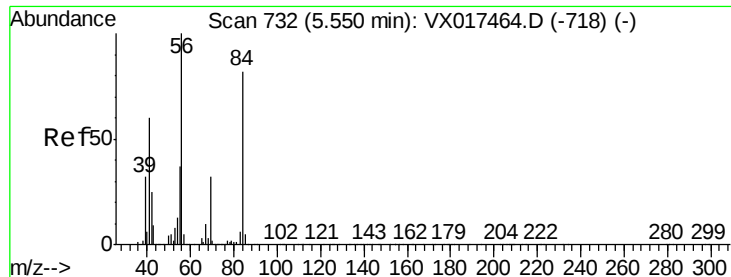
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#22
cis-1,2-Dichloroethene
Concen: 0.557 ug/L
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX017477.D
Acq: 22 Jul 2020 19:55

Tgt Ion	Ratio	Lower	Upper
96	100		
61	162.4	91.6	170.2
68	0.0	0.0	0.0





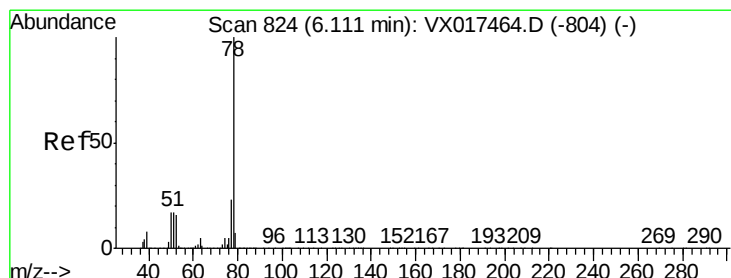
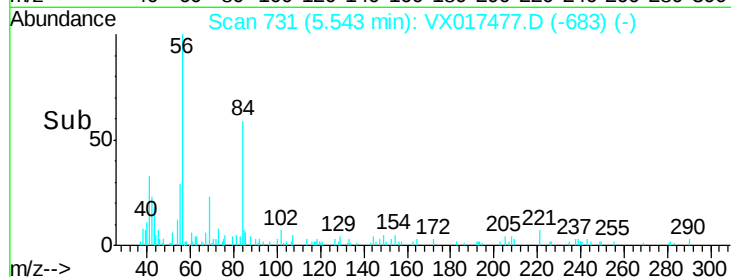
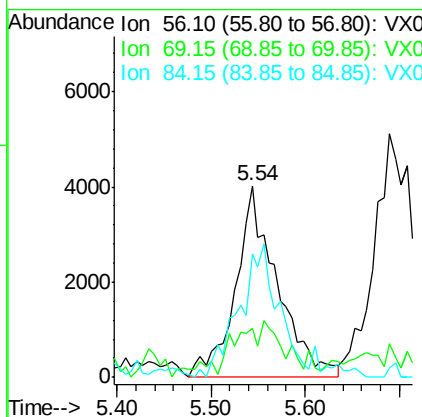
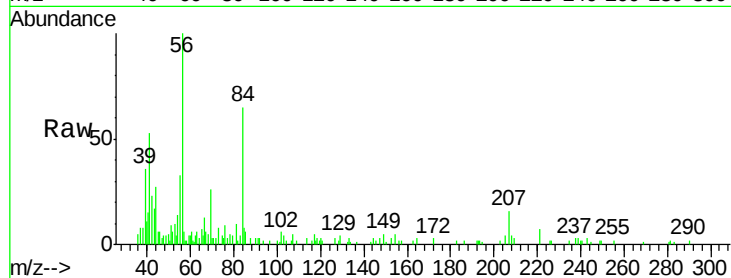
#30
Cyclohexane
Concen: 0.276 ug/L
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX017477.D
Acq: 22 Jul 2020 19:55

Instrument :
MSVOA_X
ClientSampleId :
GAY18MS

Tot Ion	Ratio	Lower	Upper
56	100		
69	15.5	25.4	38.2#
84	0.0	69.3	103.9#

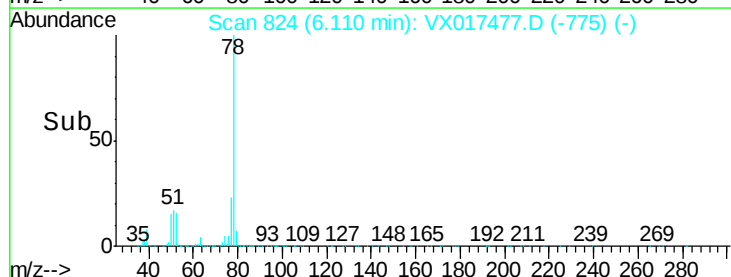
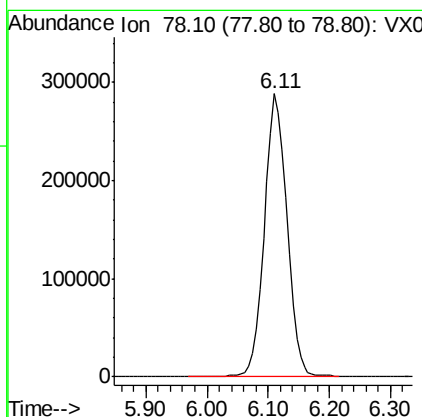
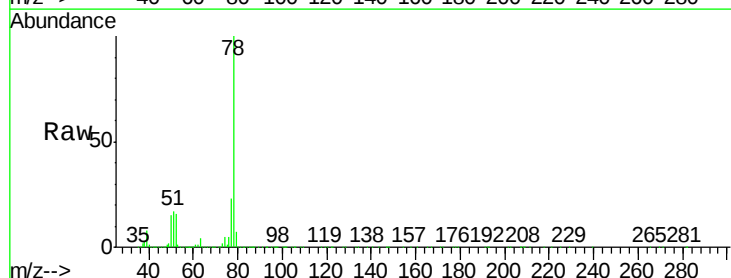
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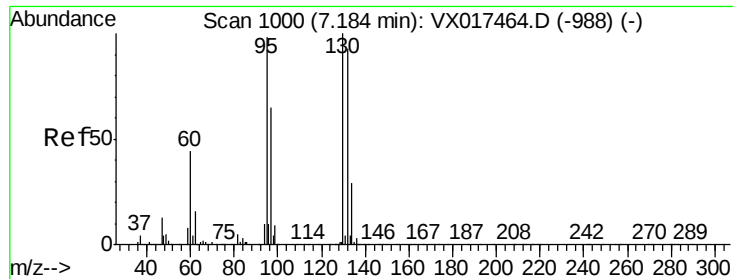
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#33
Benzene
Concen: 6.095 ug/L
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX017477.D
Acq: 22 Jul 2020 19:55

Tgt Ion: 78 Resp: 743468





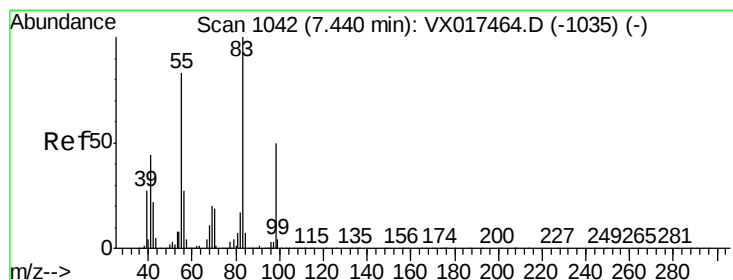
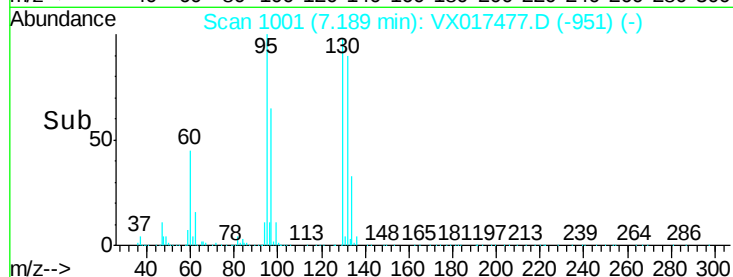
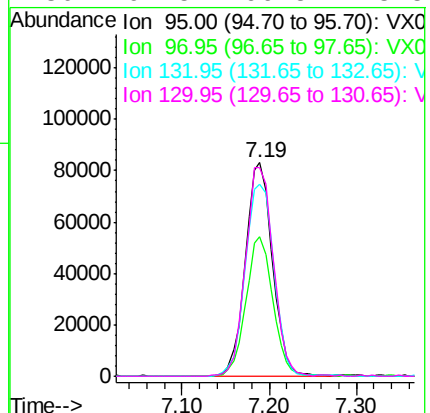
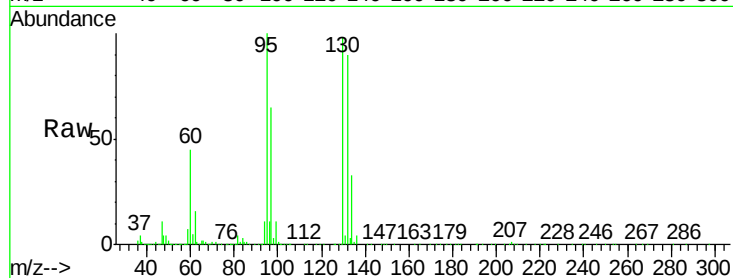
#34
 Trichloroethene
 Concen: 5.416 ug/L
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.01 min
 Lab File: VX017477.D
 Acq: 22 Jul 2020 19:55

Instrument :
 MSVOA_X
 ClientSampleId :
 GAY18MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
95	100		178257		
97	65.2	45.9	85.3		
132	90.0	65.5	121.7		
130	97.5	66.5	123.5		

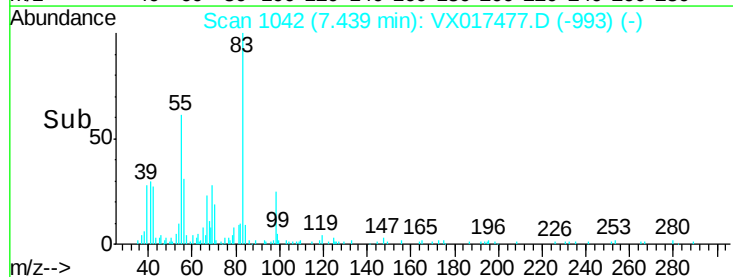
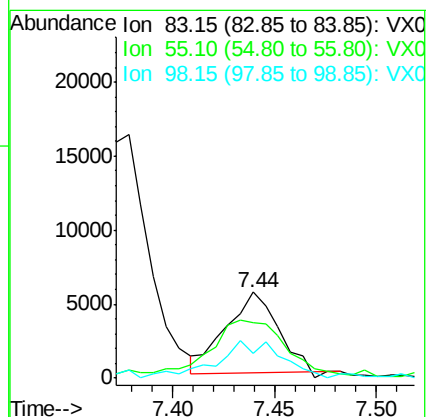
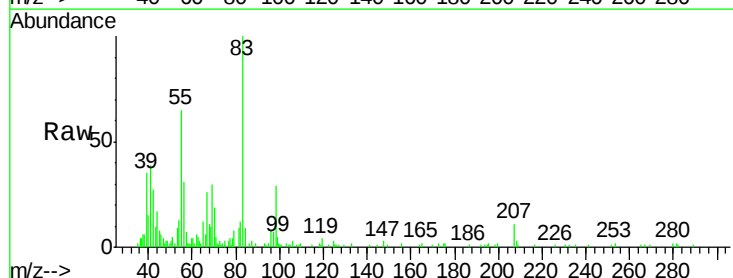
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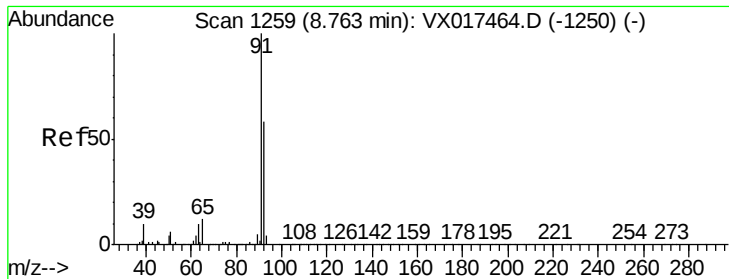
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#35
 Methylcyclohexane
 Concen: 0.215 ug/L
 RT: 7.44 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: VX017477.D
 Acq: 22 Jul 2020 19:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100		9567		
55	98.3	65.4	98.2#		
98	58.4	39.8	59.8		





#42

Toluene

Concen: 7.915 ug/L

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX017477.D

Acq: 22 Jul 2020 19:55

Instrument :

MSVOA_X

ClientSampleId :

GAY18MS

Tot Ion: 91 Resp: 968157

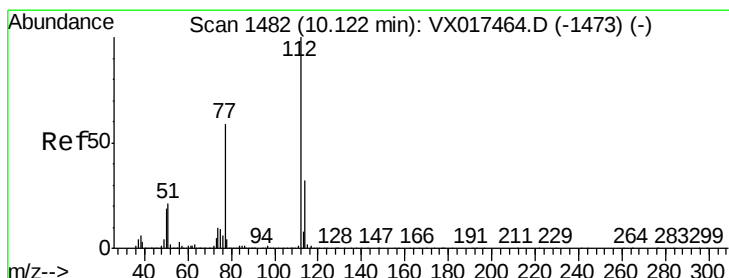
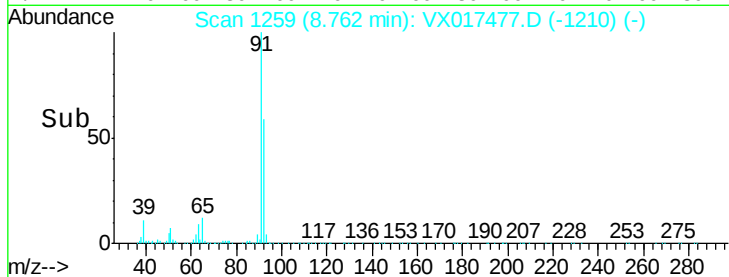
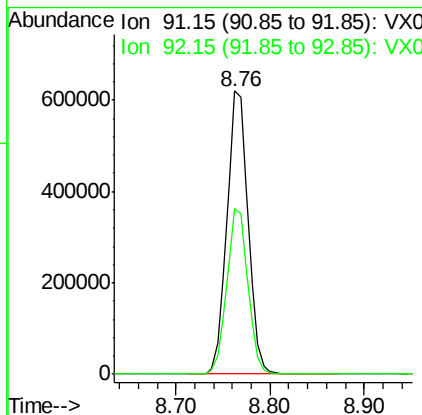
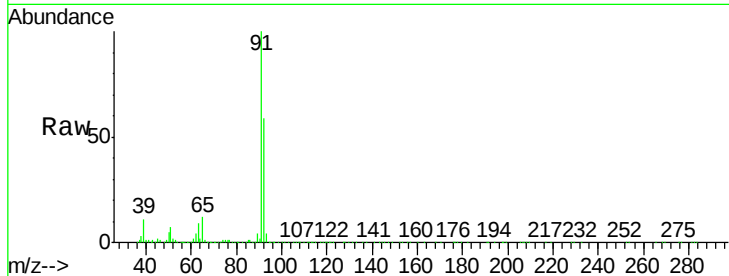
Ion Ratio Lower Upper

91 100

92 58.6 39.9 74.1

Manual Integrations
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#53

Chlorobenzene

Concen: 5.439 ug/L

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX017477.D

Acq: 22 Jul 2020 19:55

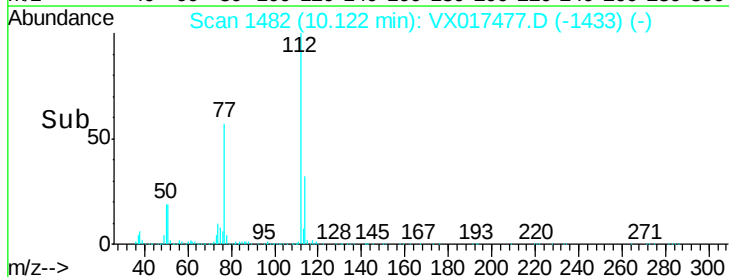
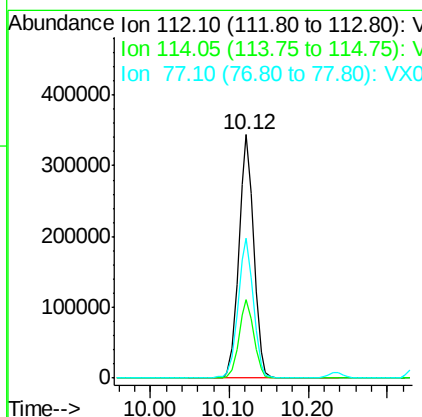
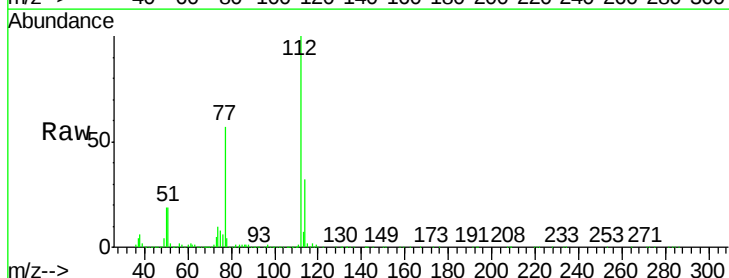
Tgt Ion: 112 Resp: 452656

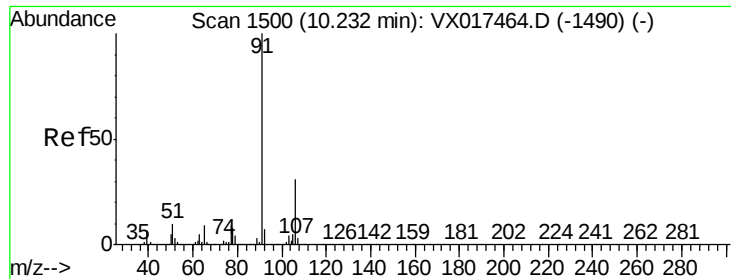
Ion Ratio Lower Upper

112 100

114 32.0 23.1 42.9

77 57.5 46.2 69.2





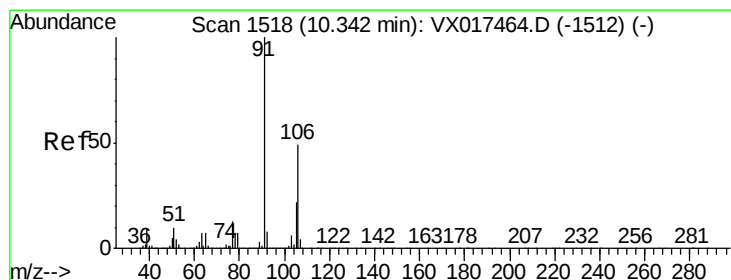
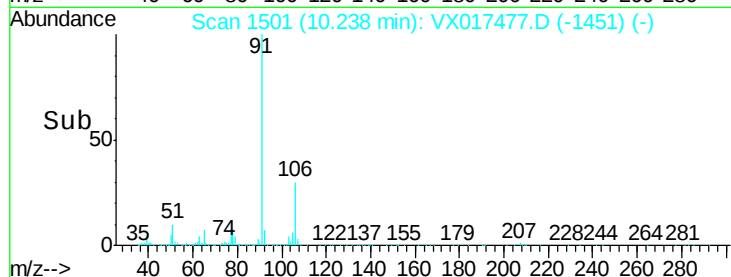
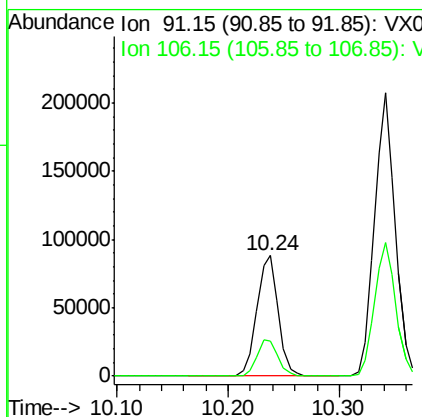
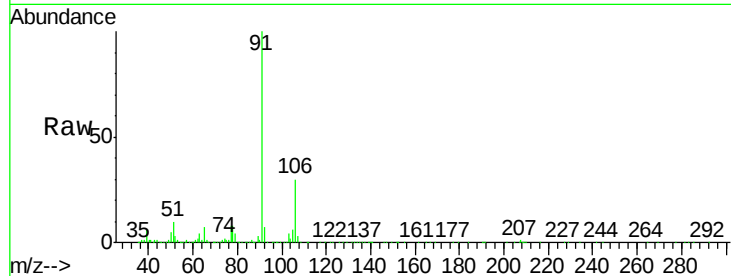
#54
Ethylbenzene
Concen: 0.890 ug/L
RT: 10.24 min Scan# 1501
Delta R.T. 0.01 min
Lab File: VX017477.D
Acq: 22 Jul 2020 19:55

Instrument :
MSVOA_X
ClientSampled :
GAY18MS

Tot Ion	Ratio	Lower	Upper
91	100		
106	29.7	22.5	41.7

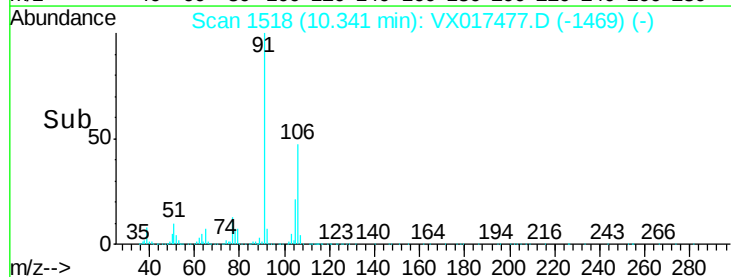
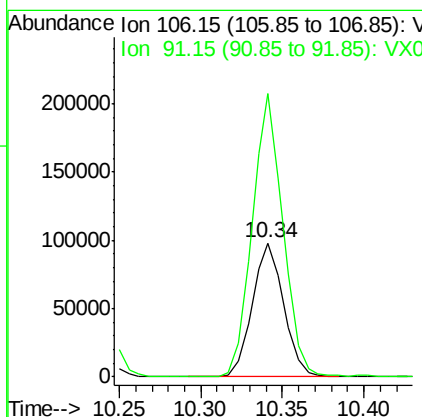
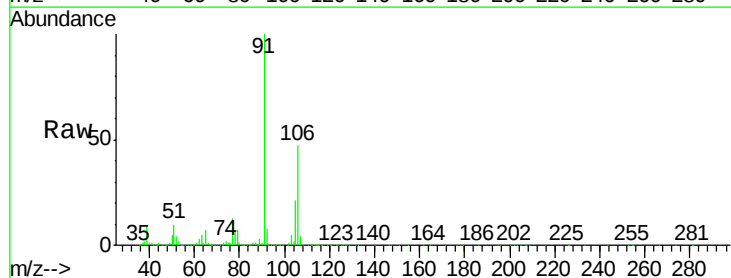
Manual Integrations
APPROVED

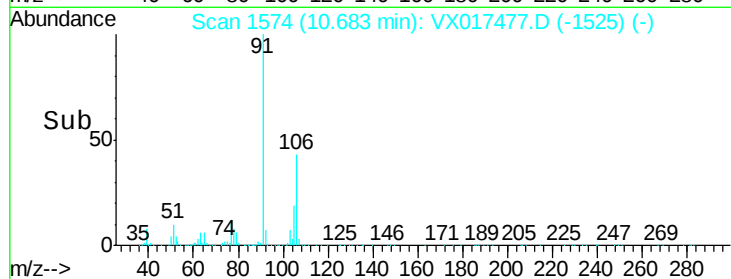
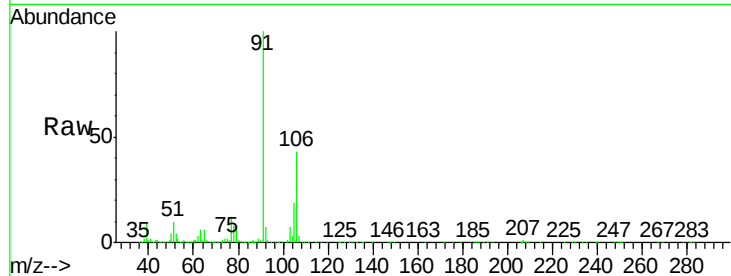
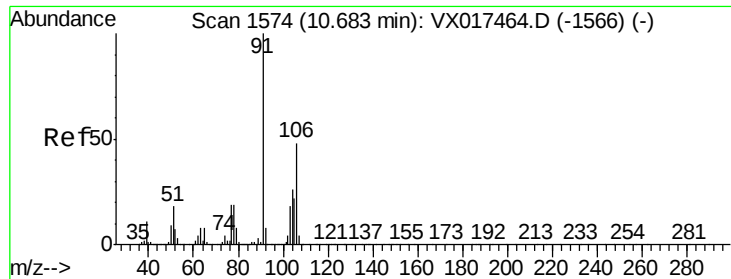
MMDadoda
7/24/2020 8:36:29 AM



#55
m,p-xylene
Concen: 2.465 ug/L
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017477.D
Acq: 22 Jul 2020 19:55

Tgt Ion	Ratio	Lower	Upper
106	100		
91	211.4	142.7	264.9





#56
o-xylene
Concen: 0.777 ug/L
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017477.D
Acq: 22 Jul 2020 19:55

Tot Ion	Ratio	Resp	Lower	Upper
106	100	39924		
91	232.3	153.4	284.8	

Instrument :
MSVOA_X
ClientSampleId :
GAY18MS

Manual Integrations
APPROVED

MMDadoda
7/24/2020 8:36:29 AM

