

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072220\
 Data File : VX017468.D
 Acq On : 22 Jul 2020 16:17
 Operator : JC/SP
 Sample : L3395-19
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GAY27

Quant Time: Jul 23 03:01:48 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	355576	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	343918	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	161133	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	114549	4.14	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.80%
7) Chloroethane-d5	1.69	69	86678	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.80%
11) 1,1-Dichloroethene-d2	2.34	63	167818	3.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.40%
20) 2-Butanone-d5	4.53	46	240401	46.53	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.06%
24) Chloroform-d	5.14	84	210235	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	6.03	65	115694	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
32) Benzene-d6	6.05	84	398840	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
36) 1,2-Dichloropropane-d6	7.37	67	121627	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	8.70	98	357682	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
45) trans-1,3-Dichloropropene-	8.99	79	48270	4.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.60%
48) 2-Hexanone-d5	9.43	63	178204	46.16	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.32%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	81075	4.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.80%
65) 1,2-Dichlorobenzene-d4	12.36	152	136081	4.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.80%

Target Compounds

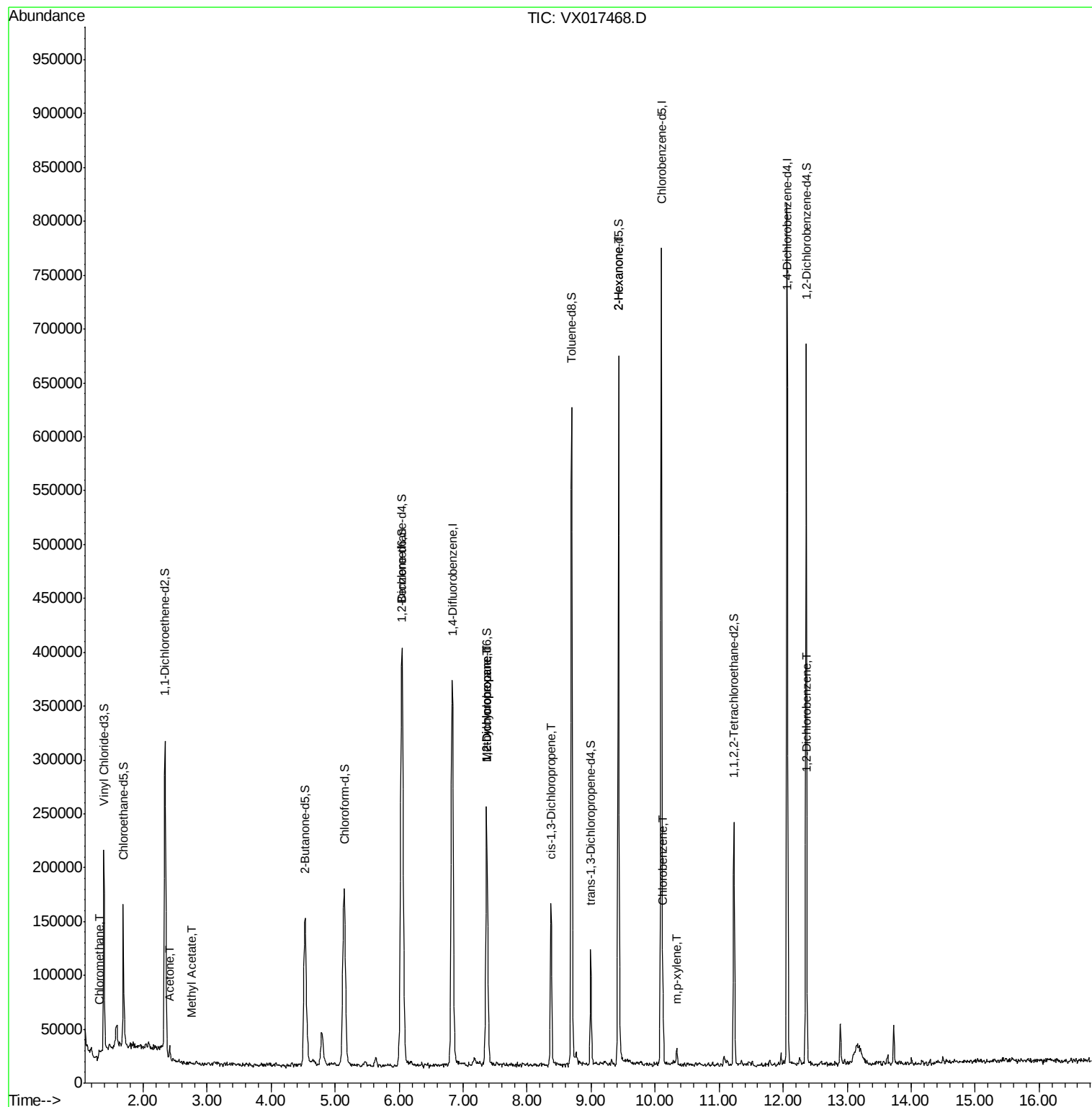
					Ovalue
3) Chloromethane	1.31	50	3217	0.088 ug/L	91
13) Acetone	2.42	43	11216	2.690 ug/L	89
15) Methyl Acetate	2.75	43	893	0.074 ug/L #	26
35) Methylcyclohexane	7.37	83	31102	0.841 ug/L #	17
37) 1,2-Dichloropropane	7.37	63	15121	0.594 ug/L #	91
39) cis-1,3-Dichloropropene	8.37	75	5231	0.142 ug/L #	82
50) 2-Hexanone	9.43	43	23607	2.172 ug/L #	80
53) Chlorobenzene	10.12	112	23241	0.336 ug/L	91
55) m,p-xylene	10.34	106	3988	0.091 ug/L	78
66) 1,2-Dichlorobenzene	12.38	146	2882	0.060 ug/L #	81

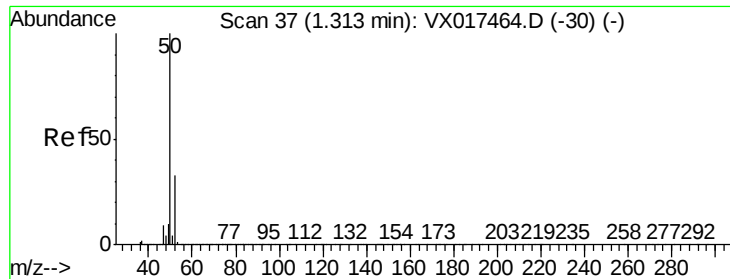
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.088 ug/L

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017468.D

Acq: 22 Jul 2020 16:17

Instrument :

MSVOA_X

ClientSampleId :

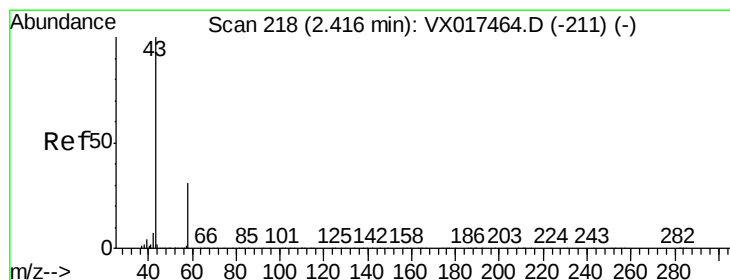
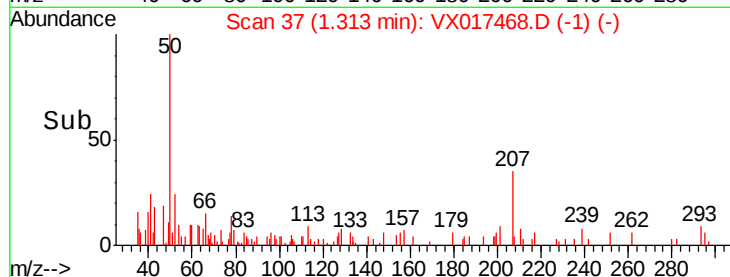
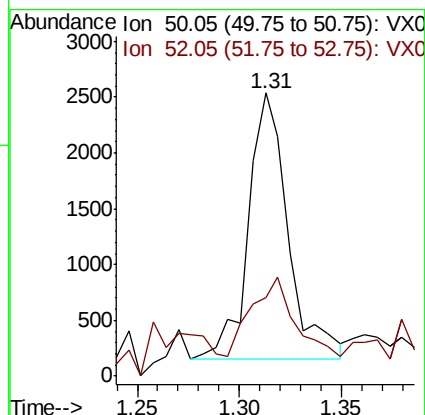
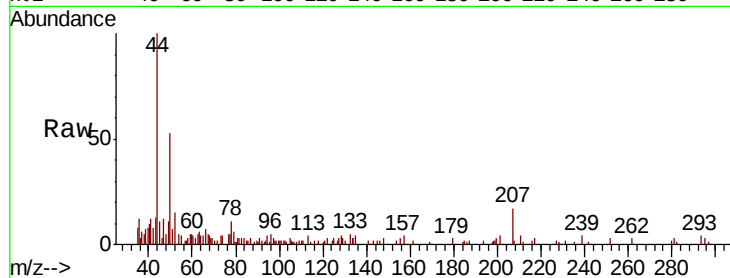
GAY27

Tot Ion: 50 Resp: 3217

Ion Ratio Lower Upper

50 100

52 28.0 23.2 43.2



#13

Acetone

Concen: 2.690 ug/L

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX017468.D

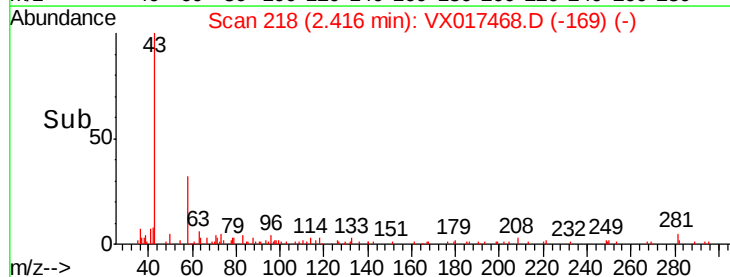
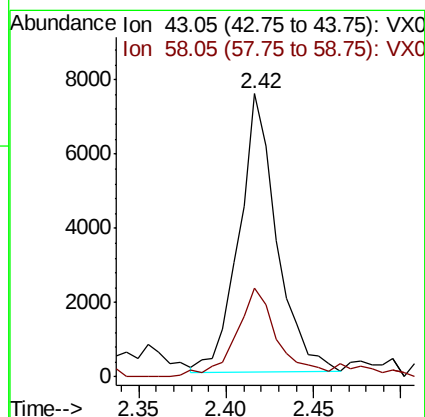
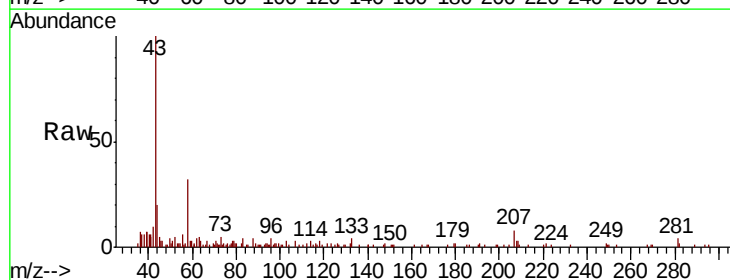
Acq: 22 Jul 2020 16:17

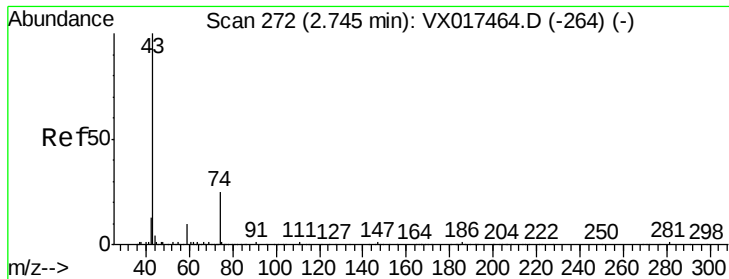
Tgt Ion: 43 Resp: 11216

Ion Ratio Lower Upper

43 100

58 35.4 0.0 58.6

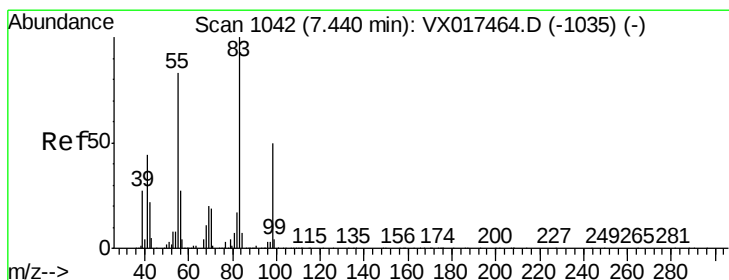
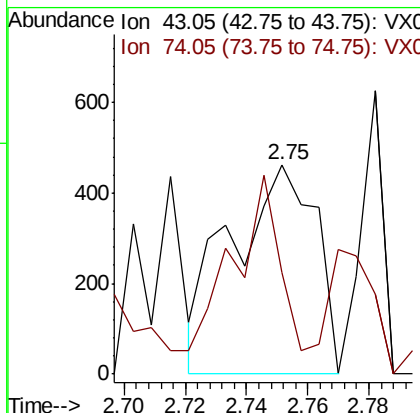
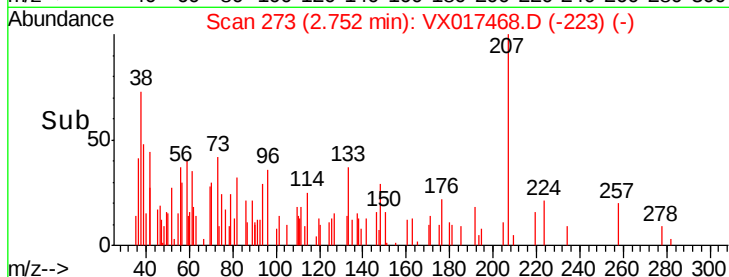
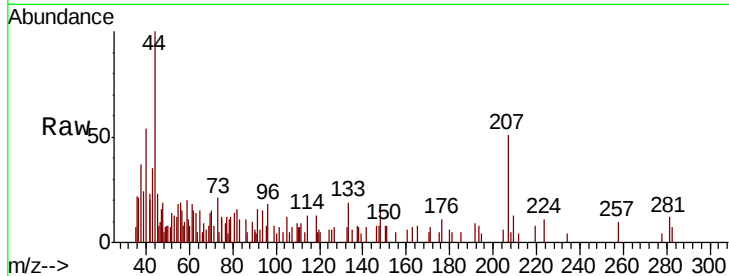




#15
Methyl Acetate
Concen: 0.074 ug/L
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX017468.D
Acq: 22 Jul 2020 16:17

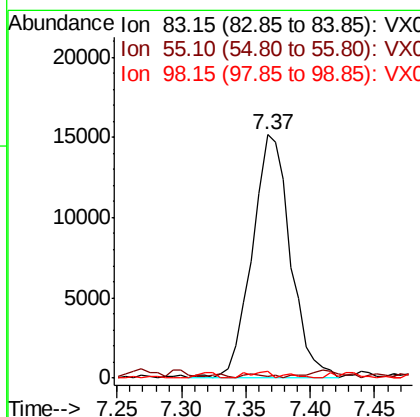
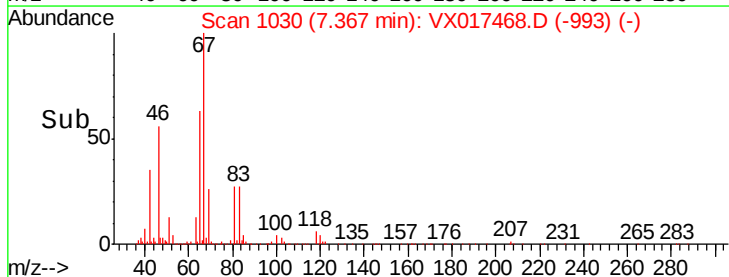
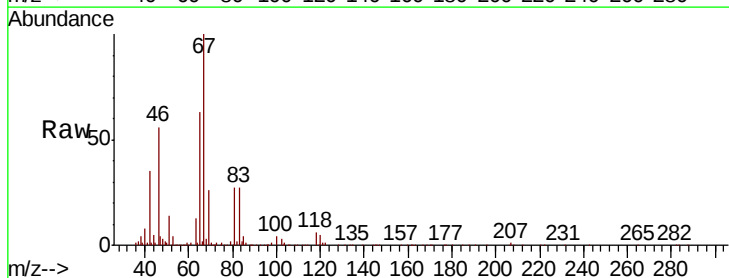
Instrument :
MSVOA_X
ClientSampleId :
GAY27

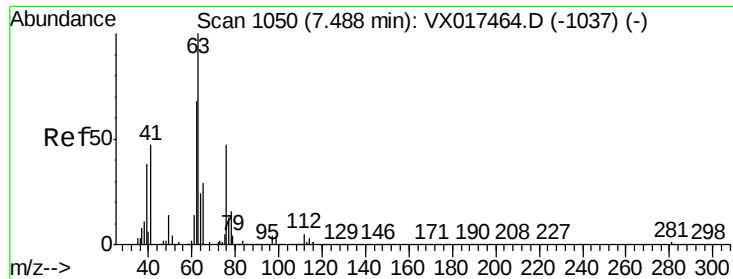
Tot Ion: 43 Resp: 893
Ion Ratio Lower Upper
43 100
74 57.4 17.6 26.4#



#35
Methylcyclohexane
Concen: 0.841 ug/L
RT: 7.37 min Scan# 1030
Delta R.T. -0.07 min
Lab File: VX017468.D
Acq: 22 Jul 2020 16:17

Tgt Ion: 83 Resp: 31102
Ion Ratio Lower Upper
83 100
55 1.2 65.4 98.2#
98 1.5 39.8 59.8#

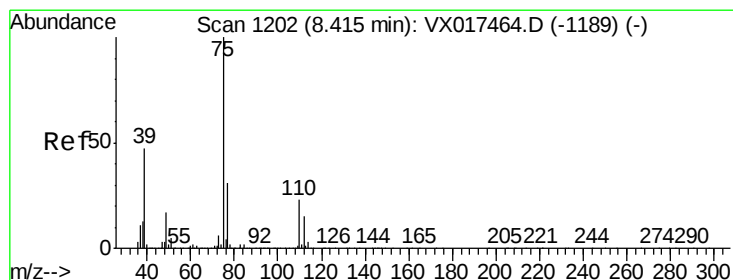
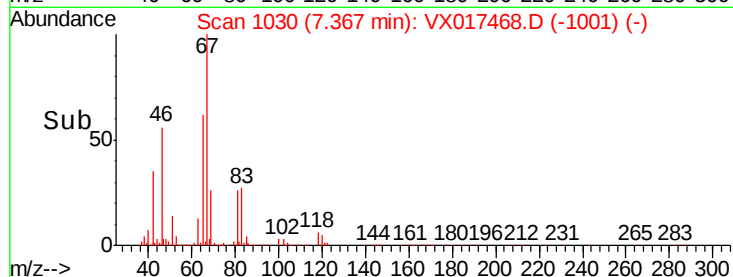
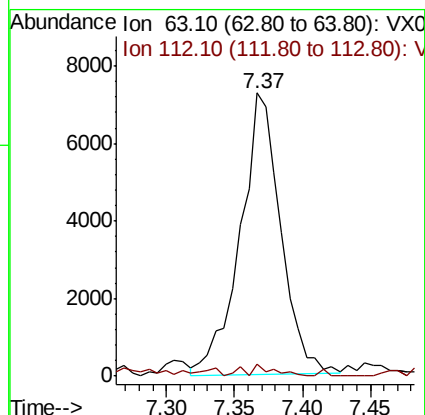
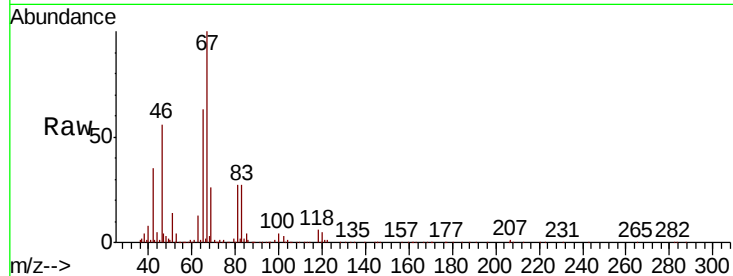




#37
 1,2-Dichloropropane
 Concen: 0.594 ug/L
 RT: 7.37 min Scan# 1030
 Delta R.T. -0.12 min
 Lab File: VX017468.D
 Acq: 22 Jul 2020 16:17

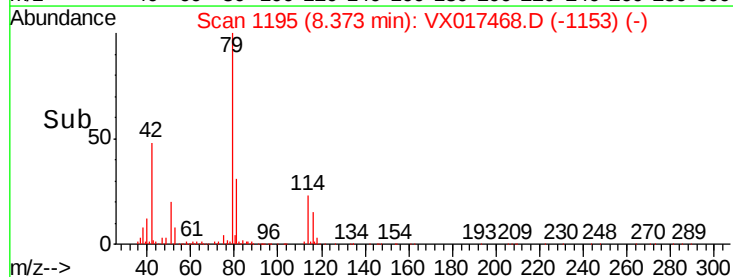
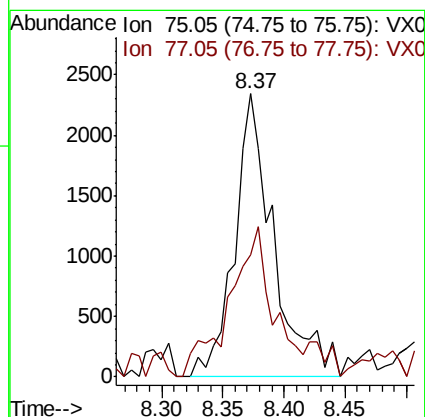
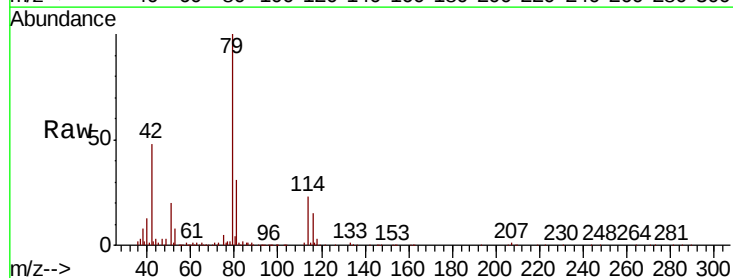
Instrument :
 MSVOA_X
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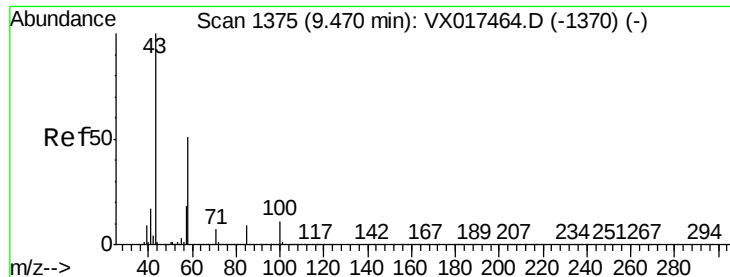
Tot Ion: 63 Resp: 15121
 Ion Ratio Lower Upper
 63 100
 112 2.0 3.8 5.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.142 ug/L
 RT: 8.37 min Scan# 1195
 Delta R.T. -0.04 min
 Lab File: VX017468.D
 Acq: 22 Jul 2020 16:17

Tgt Ion: 75 Resp: 5231
 Ion Ratio Lower Upper
 75 100
 77 43.0 23.1 42.9#

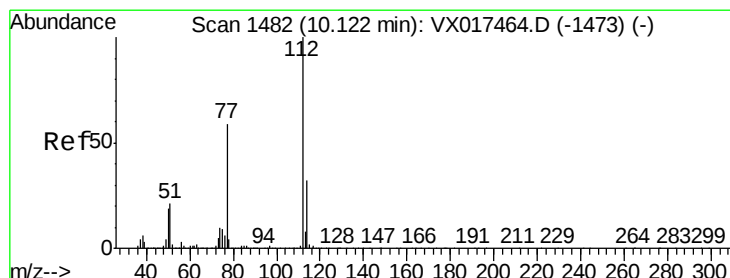
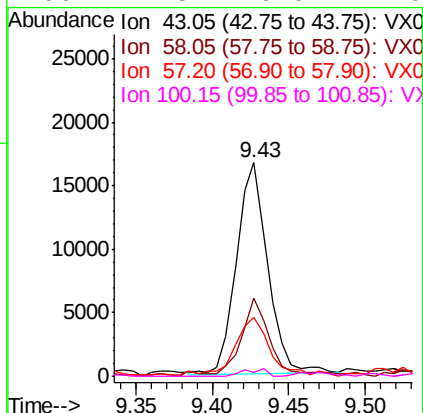
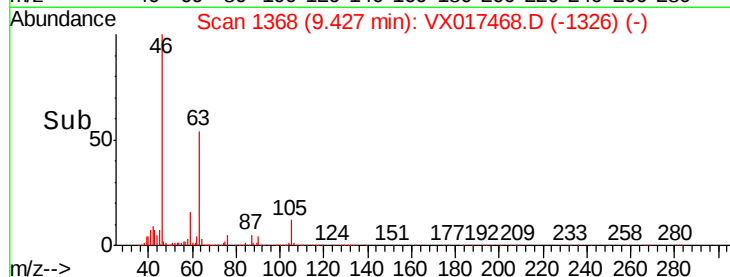
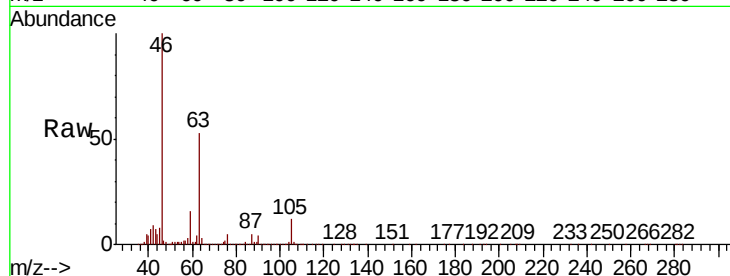




#50
2-Hexanone
Concen: 2.172 ug/L
RT: 9.43 min Scan# 1368
Delta R.T. -0.04 min
Lab File: VX017468.D
Acq: 22 Jul 2020 16:17

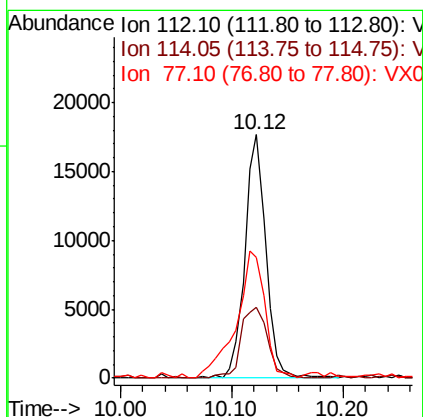
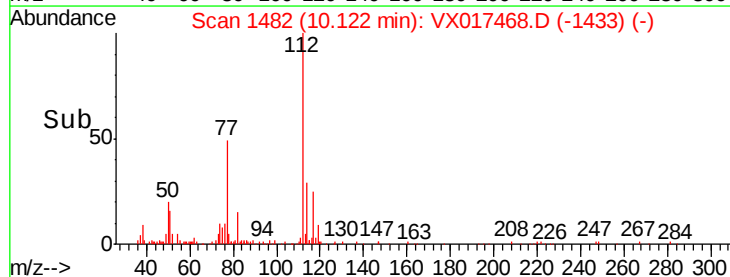
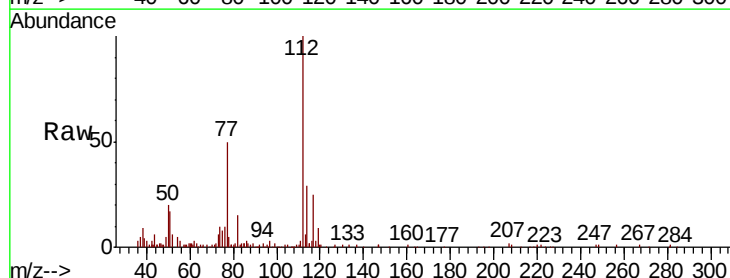
Instrument :
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ClientSampleId :
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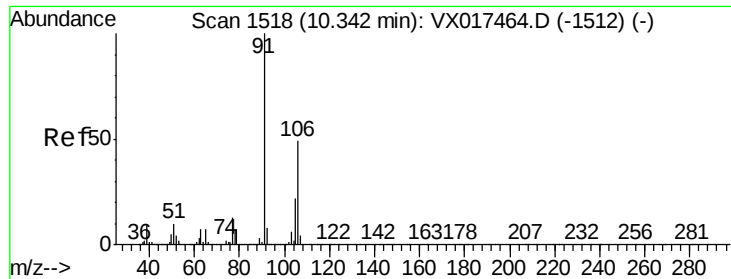
Tot Ion:	43	Resp:	23607
Ion	Ratio	Lower	Upper
43	100		
58	34.8	41.4	62.0#
57	32.2	26.9	40.3
100	2.5	16.0	24.0#



#53
Chlorobenzene
Concen: 0.336 ug/L
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX017468.D
Acq: 22 Jul 2020 16:17

Tgt Ion:	112	Resp:	23241
Ion	Ratio	Lower	Upper
112	100		
114	28.9	23.1	42.9
77	49.8	46.2	69.2





#55

m,p-xylene

Concen: 0.091 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX017468.D

Acq: 22 Jul 2020 16:17

Instrument :

MSVOA_X

ClientSampleId :

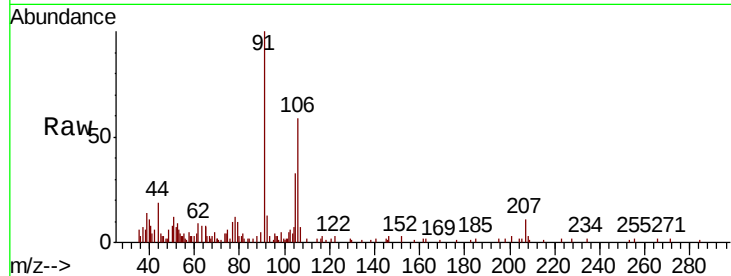
GAY27

Tot Ion:106 Resp: 3988

Ion Ratio Lower Upper

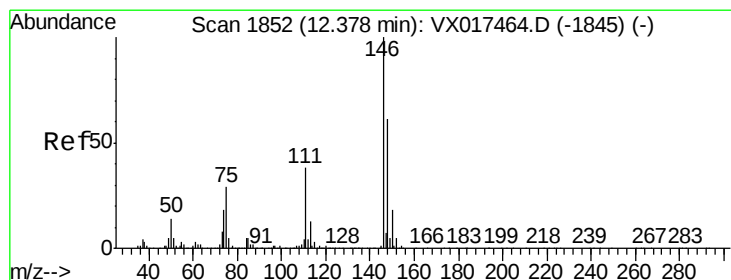
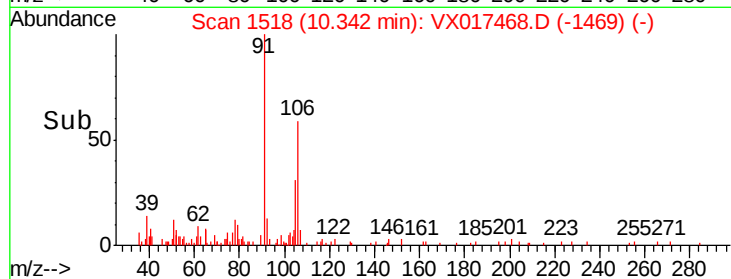
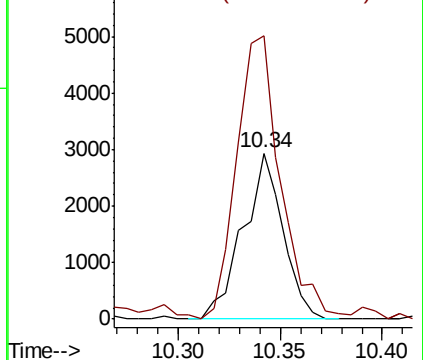
106 100

91 170.6 142.7 264.9



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VX0



#66

1,2-Dichlorobenzene

Concen: 0.060 ug/L

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX017468.D

Acq: 22 Jul 2020 16:17

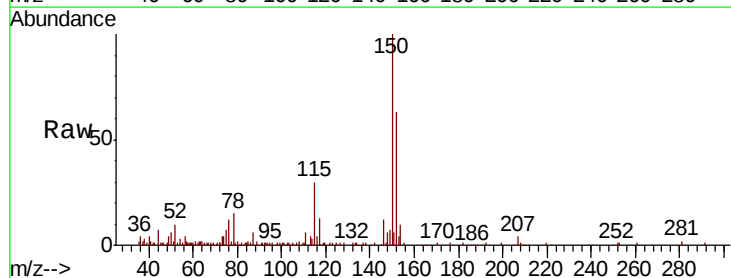
Tgt Ion:146 Resp: 2882

Ion Ratio Lower Upper

146 100

111 51.6 31.8 47.6#

148 49.6 51.8 77.8#



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

