

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100720\
 Data File : VX018828.D
 Acq On : 07 Oct 2020 22:21
 Operator : JC/SP
 Sample : L4286-02
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C0AR8

Quant Time: Oct 08 01:21:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 08 01:16:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	144508	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	138653	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	61245	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	30654	3.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.60%
7) Chloroethane-d5	1.70	69	29853	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.40%
11) 1,1-Dichloroethene-d2	2.34	63	55767	2.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.60%#
20) 2-Butanone-d5	4.56	46	136488	61.64	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.28%
24) Chloroform-d	5.14	84	94656	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
26) 1,2-Dichloroethane-d4	6.03	65	57223	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
32) Benzene-d6	6.04	84	159015	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	7.37	67	50251	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	8.70	98	139075	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.80%
45) trans-1,3-Dichloropropene-	8.99	79	22077	4.12	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.40%
48) 2-Hexanone-d5	9.43	63	106274	59.17	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.34%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	42408	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.60%
65) 1,2-Dichlorobenzene-d4	12.36	152	56510	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

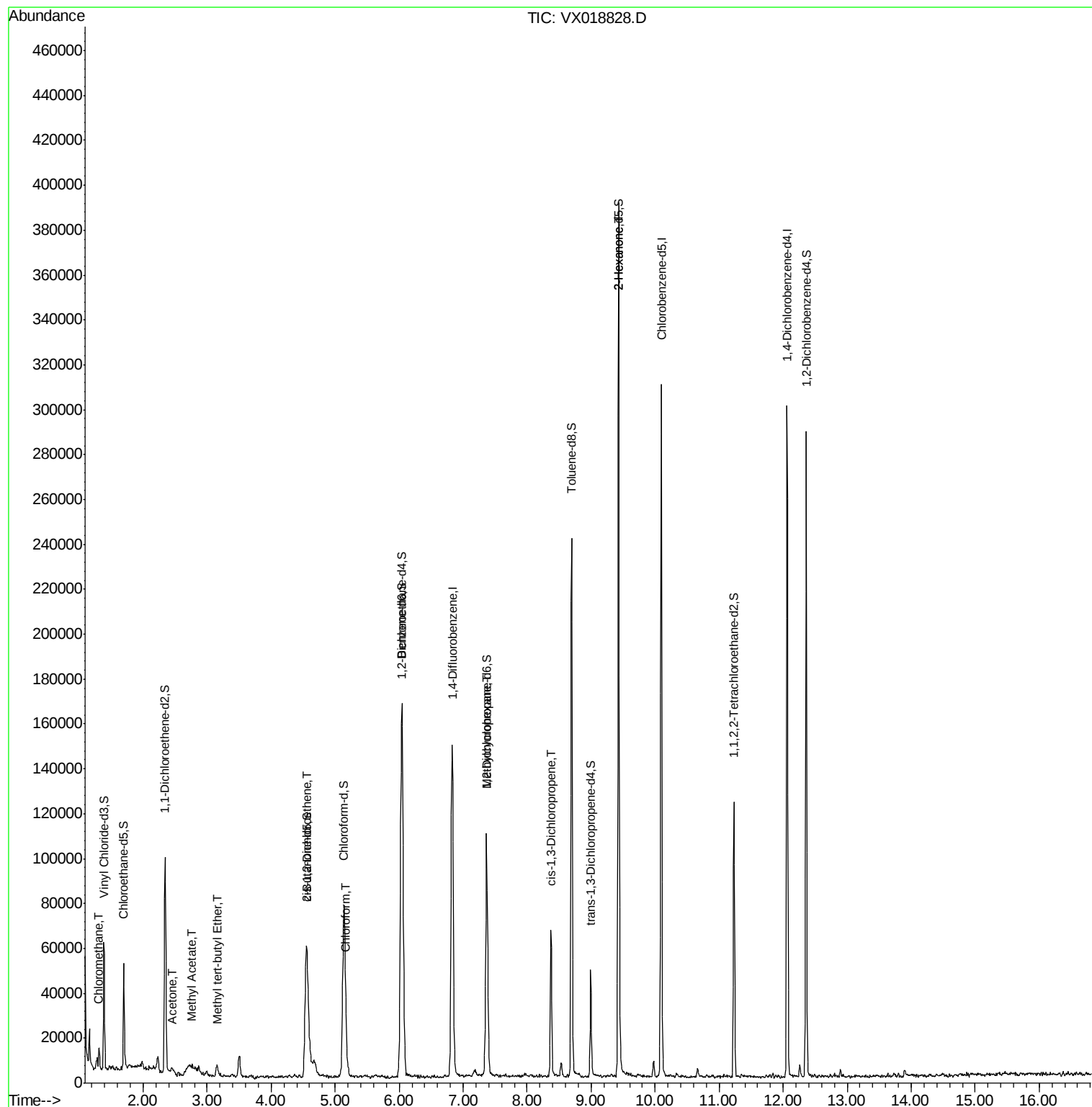
					Ovalue
3) Chloromethane	1.31	50	5274	0.755 ug/L	99
13) Acetone	2.45	43	6747	5.581 ug/L	84
15) Methyl Acetate	2.76	43	545	0.183 ug/L #	64
17) Methyl tert-butyl Ether	3.17	73	2070	0.111 ug/L #	1
22) cis-1,2-Dichloroethene	4.55	96	421	0.053 ug/L #	72
25) Chloroform	5.17	83	9182	0.586 ug/L	100
35) Methylcyclohexane	7.37	83	13717	1.129 ug/L #	21
39) cis-1,3-Dichloropropene	8.38	75	1944	0.167 ug/L #	65
50) 2-Hexanone	9.43	43	13336	4.357 ug/L #	71

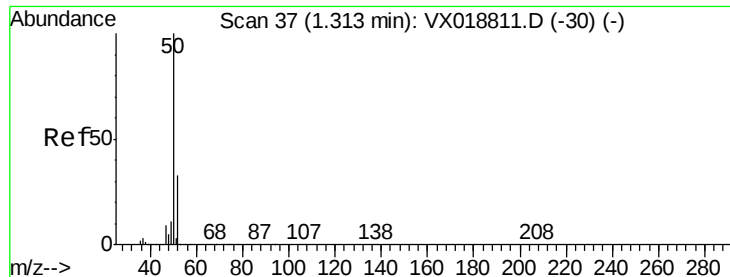
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.755 ug/L

RT: 1.31 min Scan# 36

Delta R.T. -0.01 min

Lab File: VX018828.D

Acq: 07 Oct 2020 22:21

Instrument :

MSVOA_X

ClientSampled :

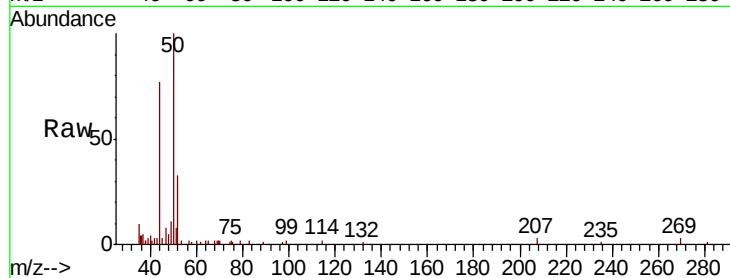
C0AR8

Tot Ion: 50 Resp: 5274

Ion Ratio Lower Upper

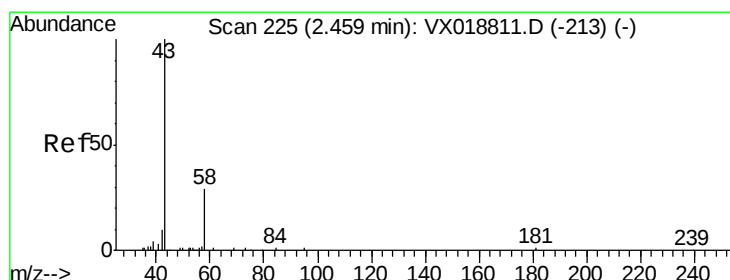
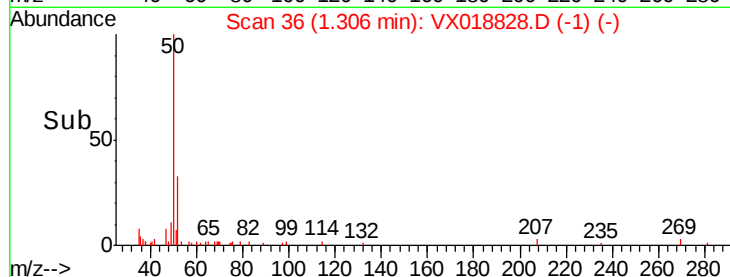
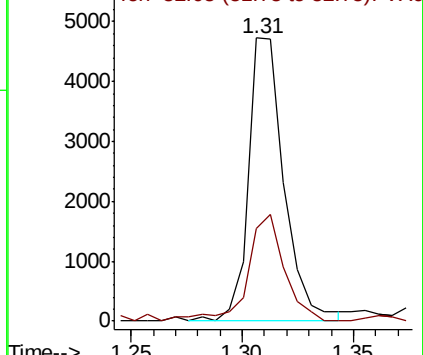
50 100

52 32.8 23.4 43.6



Abundance Ion 50.05 (49.75 to 50.75): VX0

Ion 52.05 (51.75 to 52.75): VX0



#13

Acetone

Concen: 5.581 ug/L

RT: 2.45 min Scan# 224

Delta R.T. -0.01 min

Lab File: VX018828.D

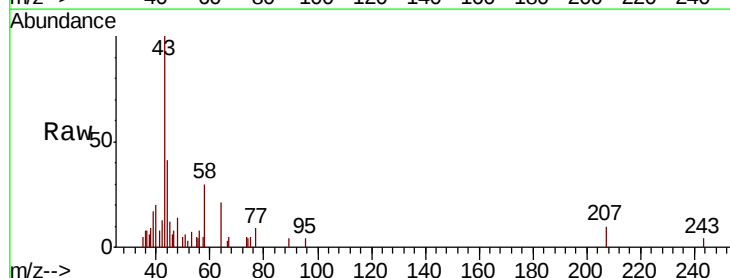
Acq: 07 Oct 2020 22:21

Tgt Ion: 43 Resp: 6747

Ion Ratio Lower Upper

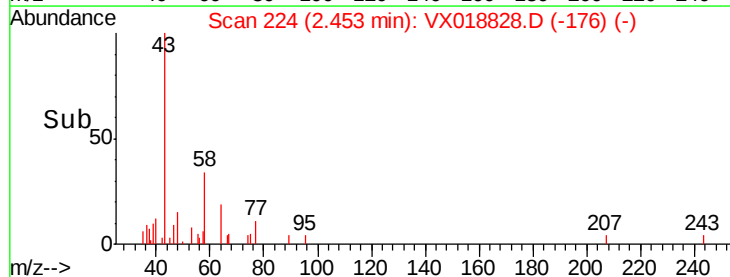
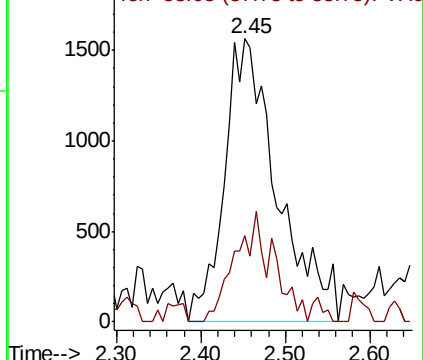
43 100

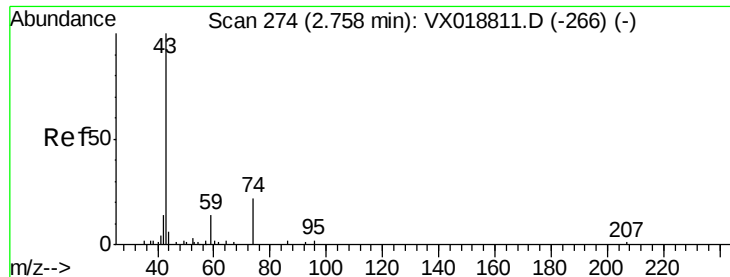
58 19.7 0.0 56.4



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0

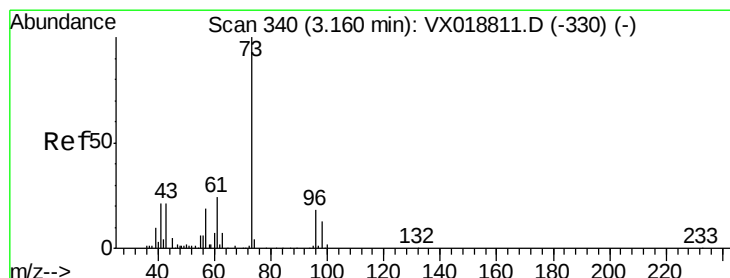
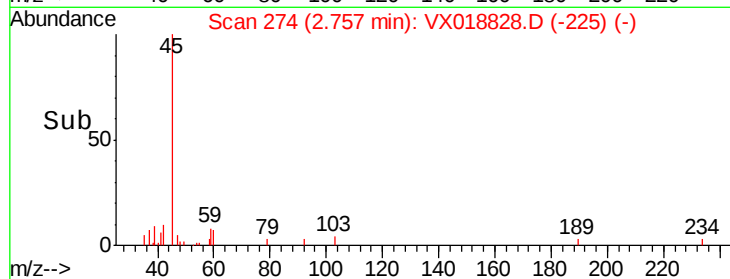
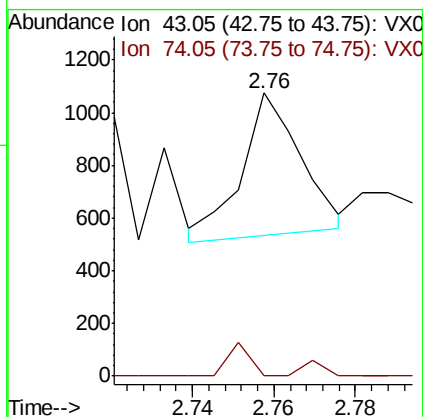
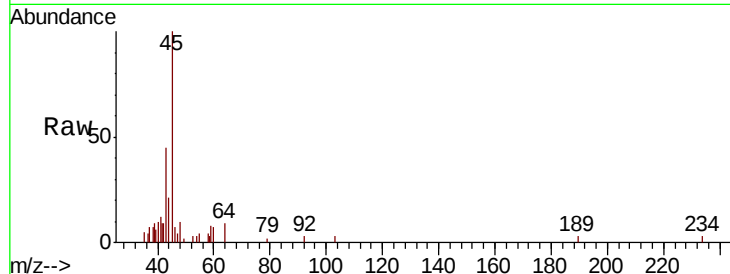




#15
Methvl Acetate
Concen: 0.183 ug/L
RT: 2.76 min Scan# 274
Delta R.T. -0.00 min
Lab File: VX018828.D
Acq: 07 Oct 2020 22:21

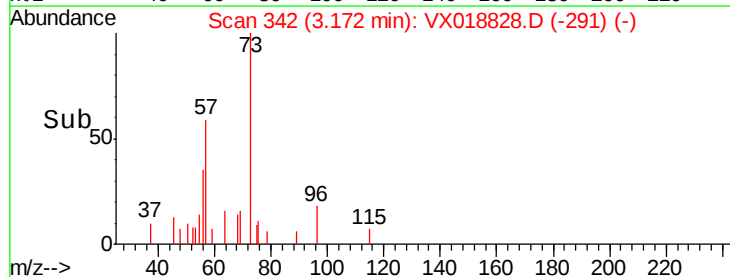
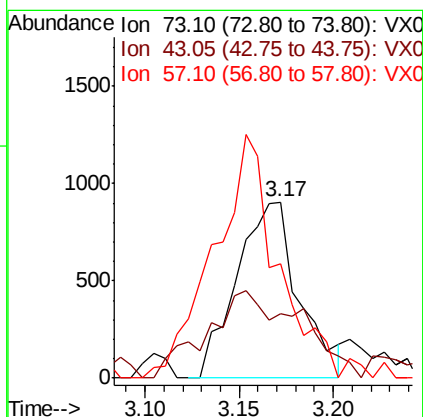
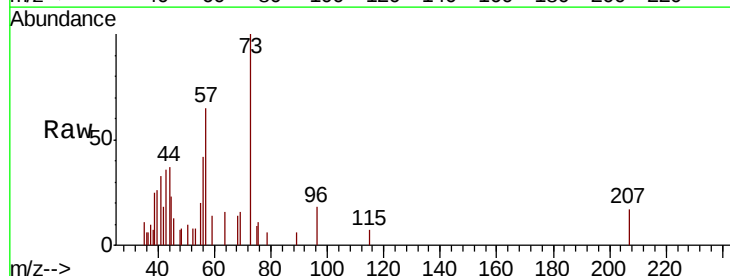
Instrument :
MSVOA_X
ClientSampled :
C0AR8

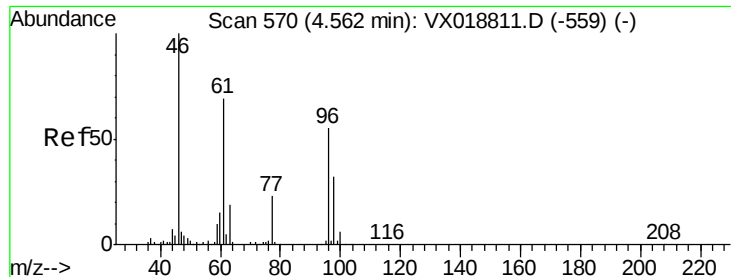
Tot Ion: 43 Resp: 545
Ion Ratio Lower Upper
43 100
74 8.8 21.9 32.9#



#17
Methyl tert-butyl Ether
Concen: 0.111 ug/L
RT: 3.17 min Scan# 342
Delta R.T. 0.01 min
Lab File: VX018828.D
Acq: 07 Oct 2020 22:21

Tgt Ion: 73 Resp: 2070
Ion Ratio Lower Upper
73 100
43 75.1 19.4 29.0#
57 143.7 17.2 25.8#





#22

cis-1,2-Dichloroethene

Concen: 0.053 ug/L

RT: 4.55 min Scan# 568

Delta R.T. -0.01 min

Lab File: VX018828.D

Acq: 07 Oct 2020 22:21

Instrument :

MSVOA_X

ClientSampleId :

C0AR8

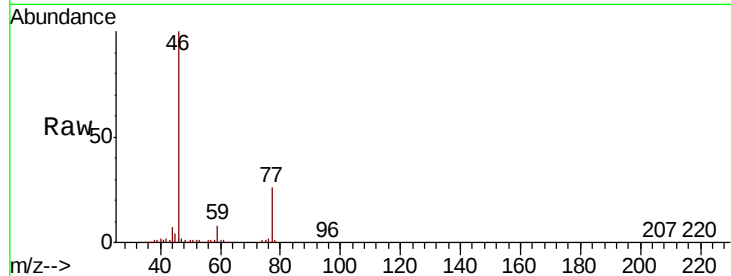
Tot Ion: 96 Resp: 421

Ion Ratio Lower Upper

96 100

61 91.8 86.2 160.0

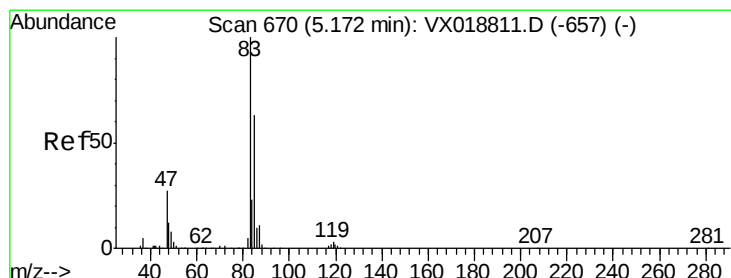
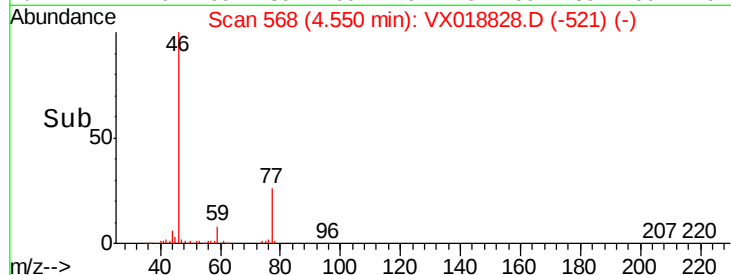
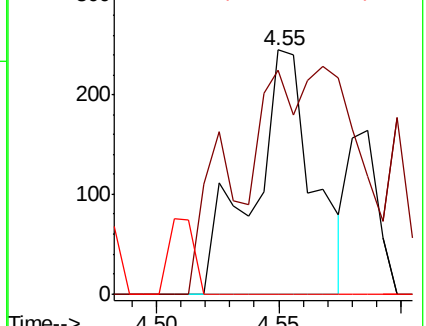
68 0.0 0.3 0.7#



Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.05 (60.75 to 61.75): VX0

Ion 68.15 (67.85 to 68.85): VX0



#25

Chloroform

Concen: 0.586 ug/L

RT: 5.17 min Scan# 670

Delta R.T. -0.00 min

Lab File: VX018828.D

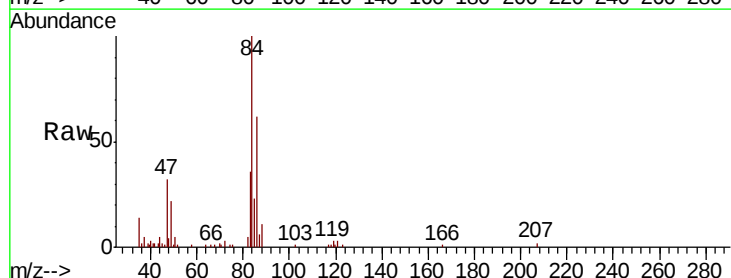
Acq: 07 Oct 2020 22:21

Tgt Ion: 83 Resp: 9182

Ion Ratio Lower Upper

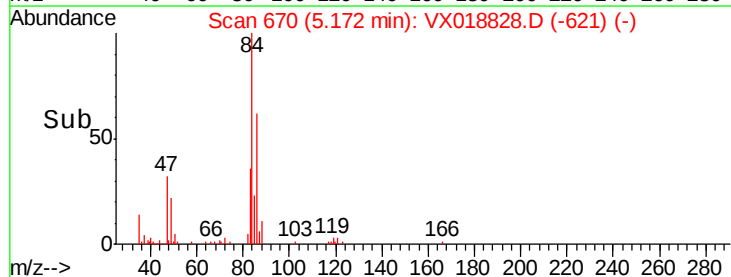
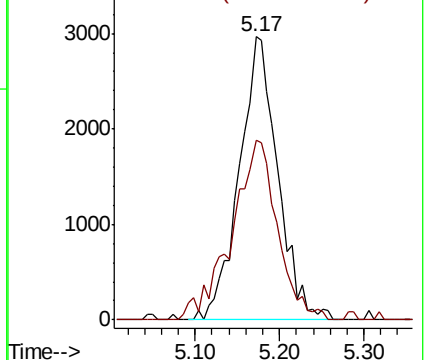
83 100

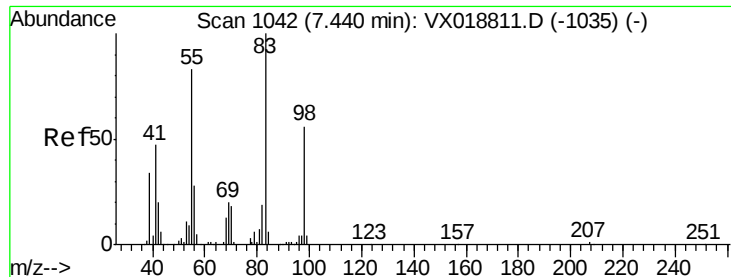
85 63.5 44.6 82.8



Abundance Ion 83.05 (82.75 to 83.75): VX0

Ion 85.00 (84.70 to 85.70): VX0

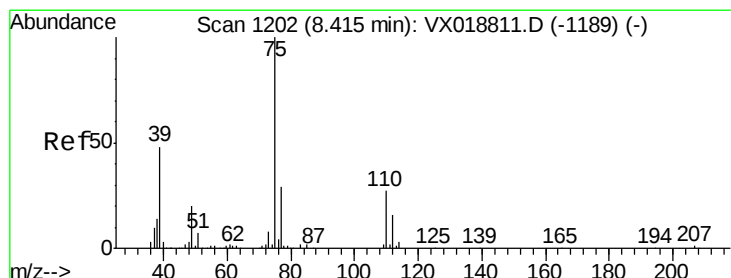
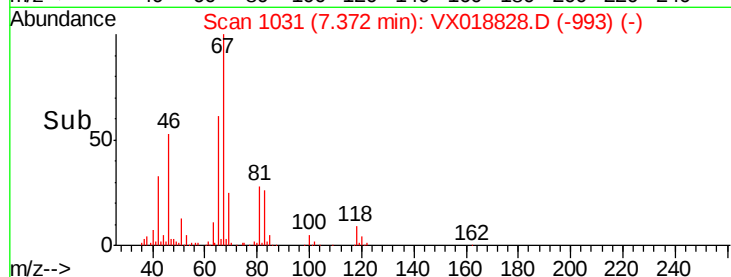
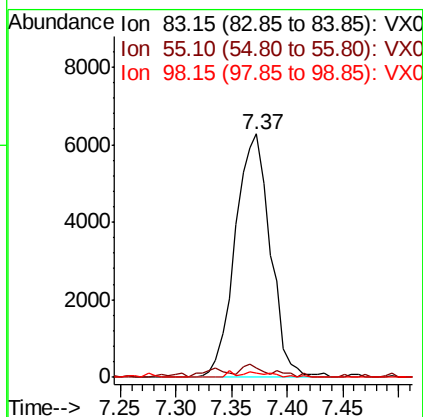
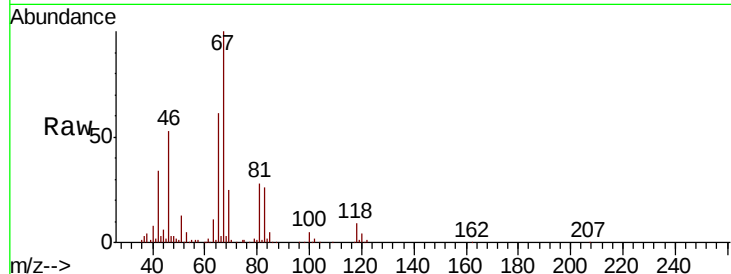




#35
Methylcyclohexane
Concen: 1.129 ug/L
RT: 7.37 min Scan# 1031
Delta R.T. -0.07 min
Lab File: VX018828.D
Acq: 07 Oct 2020 22:21

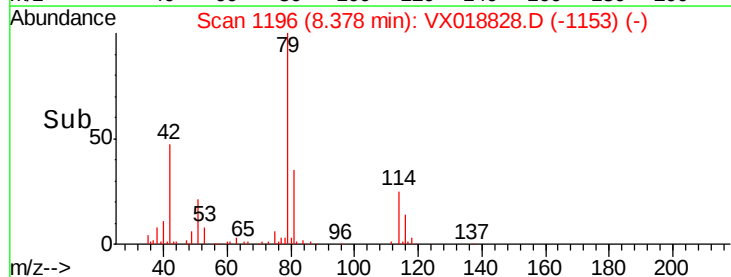
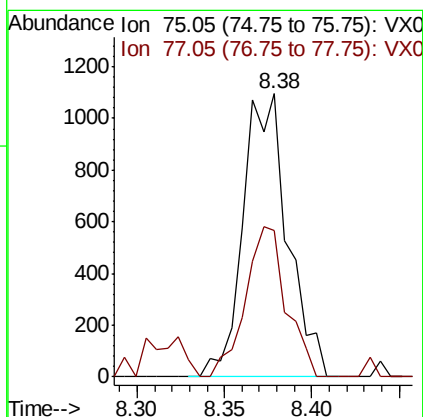
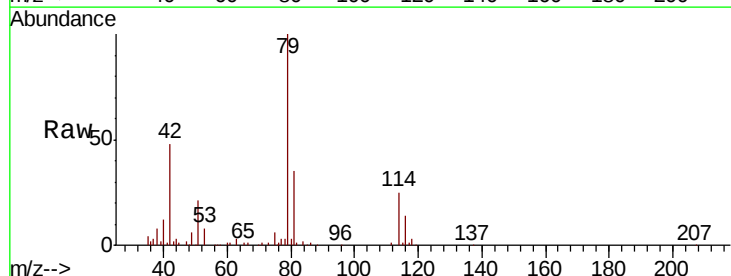
Instrument :
MSVOA_X
ClientSampleId :
C0AR8

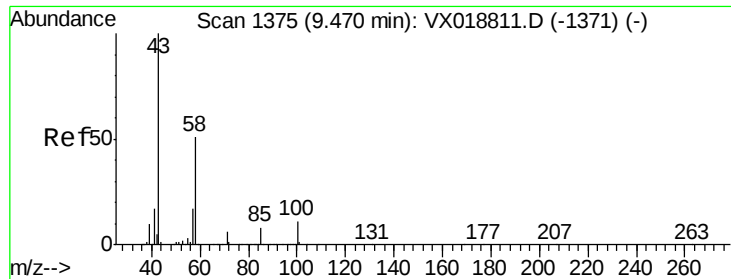
Tot Ion: 83 Resp: 13717
Ion Ratio Lower Upper
83 100
55 2.9 60.3 90.5#
98 1.9 39.4 59.0#



#39
cis-1,3-Dichloropropene
Concen: 0.167 ug/L
RT: 8.38 min Scan# 1196
Delta R.T. -0.04 min
Lab File: VX018828.D
Acq: 07 Oct 2020 22:21

Tgt Ion: 75 Resp: 1944
Ion Ratio Lower Upper
75 100
77 51.5 22.5 41.7#





#50

2-Hexanone

Concen: 4.357 ug/L

RT: 9.43 min Scan# 1368

Delta R.T. -0.04 min

Lab File: VX018828.D

Acq: 07 Oct 2020 22:21

Instrument :

MSVOA_X

ClientSampleId :

C0AR8

Tot Ion: 43 Resp: 13336

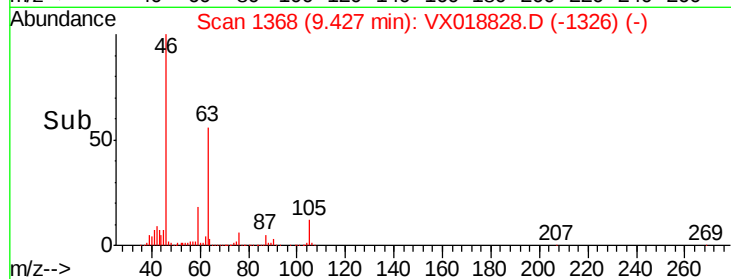
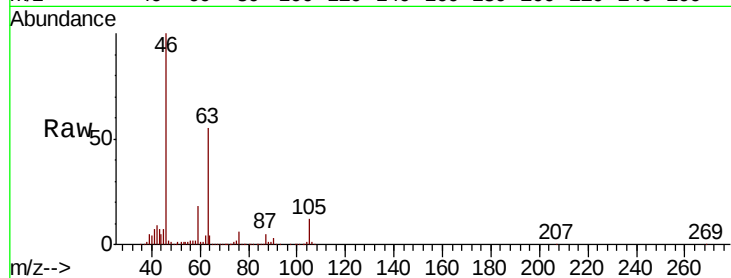
Ion Ratio Lower Upper

43 100

58 30.6 41.0 61.4#

57 32.9 15.9 23.9#

100 1.1 10.1 15.1#



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0

Ion 57.20 (56.90 to 57.90): VX0

Ion 100.15 (99.85 to 100.85): V>

