

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100720\
 Data File : VX018830.D
 Acq On : 07 Oct 2020 23:12
 Operator : JC/SP
 Sample : L4286-05
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C0AT8

Quant Time: Oct 08 01:21:41 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	139561	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	136922	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	61336	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	29890	3.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.20%
7) Chloroethane-d5	1.70	69	29448	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.40%
11) 1,1-Dichloroethene-d2	2.34	63	53759	2.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.40%#
20) 2-Butanone-d5	4.56	46	131312	61.41	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.82%
24) Chloroform-d	5.14	84	92432	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	6.03	65	55471	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
32) Benzene-d6	6.05	84	155257	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
36) 1,2-Dichloropropane-d6	7.37	67	49655	5.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.00%
41) Toluene-d8	8.70	98	133471	3.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.60%
45) trans-1,3-Dichloropropene-	8.99	79	22015	4.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.20%
48) 2-Hexanone-d5	9.43	63	100936	56.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.82%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	40546	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.40%
65) 1,2-Dichlorobenzene-d4	12.36	152	58650	5.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.60%

Target Compounds

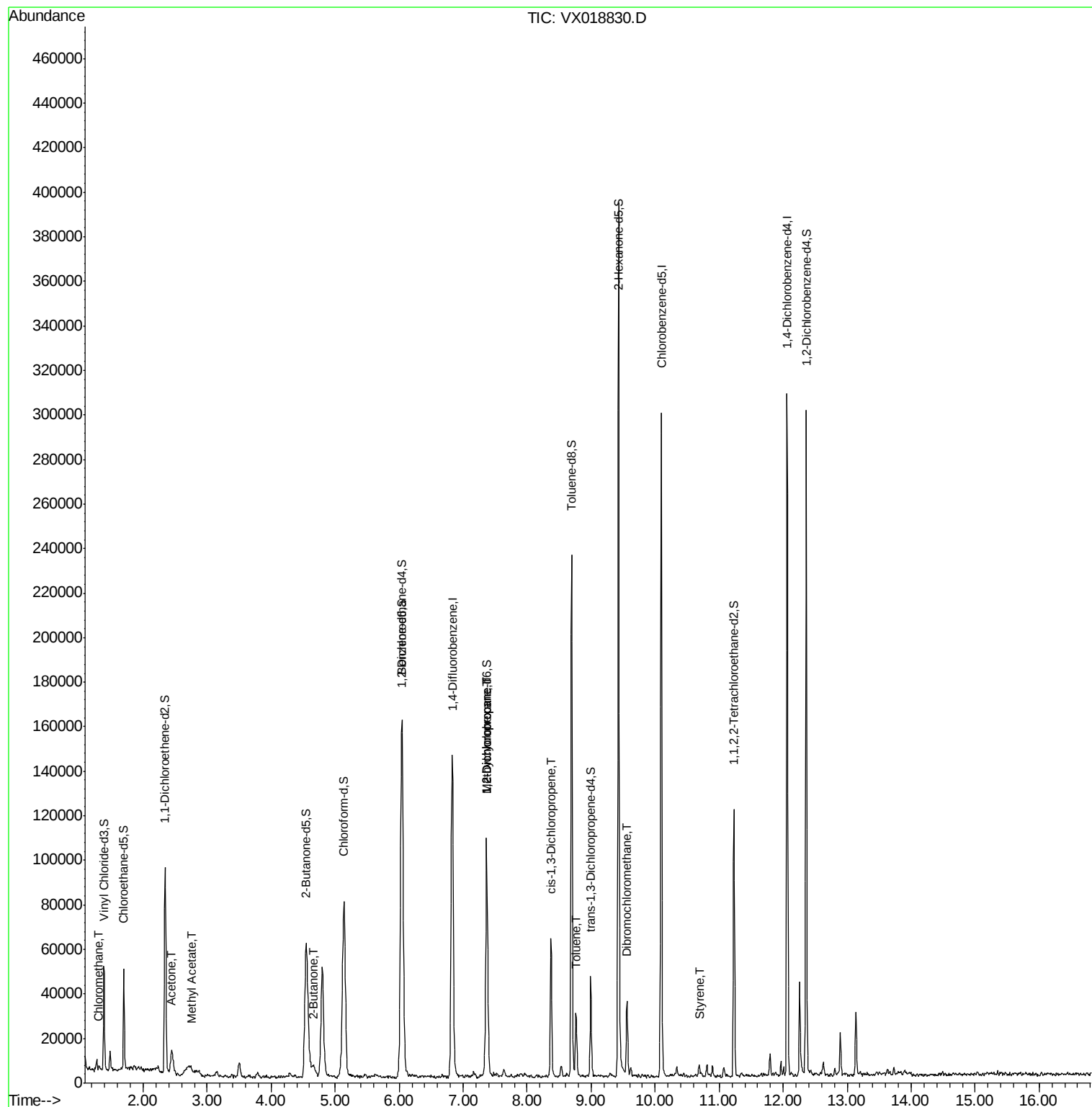
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.31	50	1117	0.165	ug/L	88
13) Acetone	2.45	43	20640	17.679	ug/L	97
15) Methyl Acetate	2.76	43	2241	0.781	ug/L #	54
21) 2-Butanone	4.66	43	2760	1.624	ug/L #	69
35) Methylcyclohexane	7.37	83	13484	1.124	ug/L #	21
37) 1,2-Dichloropropane	7.37	63	6443	0.897	ug/L #	84
39) cis-1,3-Dichloropropene	8.38	75	1781	0.155	ug/L	93
42) Toluene	8.76	91	17390	0.554	ug/L	91
51) Dibromochloromethane	9.57	129	578	0.073	ug/L #	49
57) Styrene	10.70	104	1129	0.052	ug/L	90

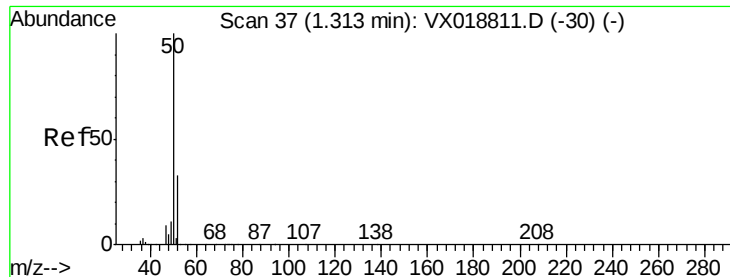
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX100720\
Data File : VX018830.D
Acq On : 07 Oct 2020 23:12
Operator : JC/SP
Sample : L4286-05
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0AT8

Quant Time: Oct 08 01:21:41 2020
Quant Method : Z:\V0ASRV\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





#3

Chloromethane

Concen: 0.165 ug/L

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018830.D

Acq: 07 Oct 2020 23:12

Instrument :

MSVOA_X

ClientSampleId :

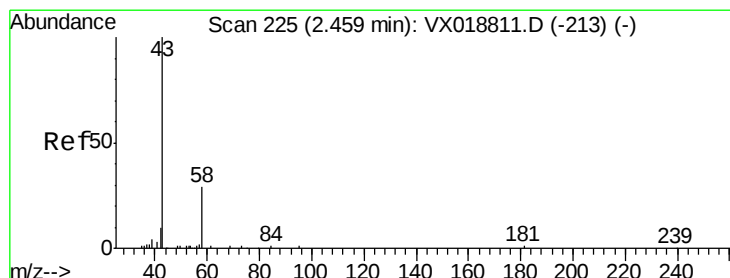
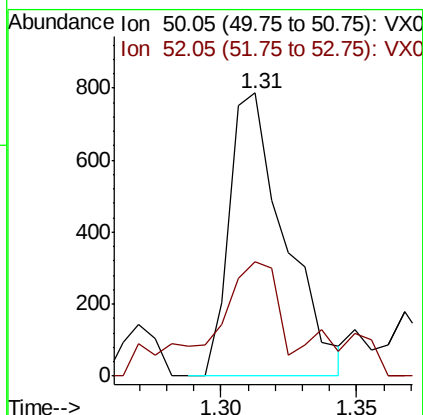
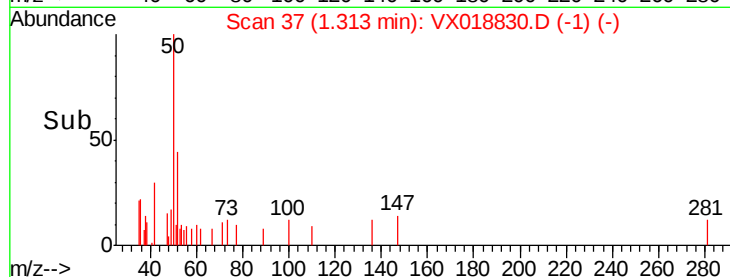
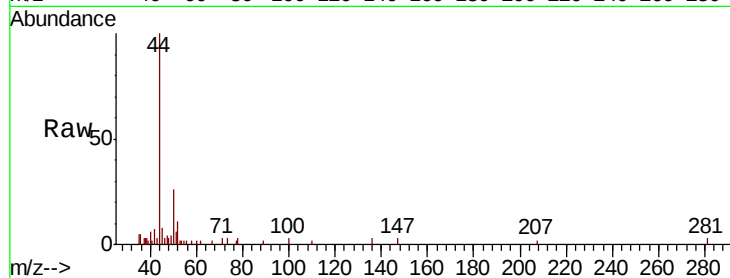
C0AT8

Tot Ion: 50 Resp: 1117

Ion Ratio Lower Upper

50 100

52 40.3 23.4 43.6



#13

Acetone

Concen: 17.679 ug/L

RT: 2.45 min Scan# 224

Delta R.T. -0.01 min

Lab File: VX018830.D

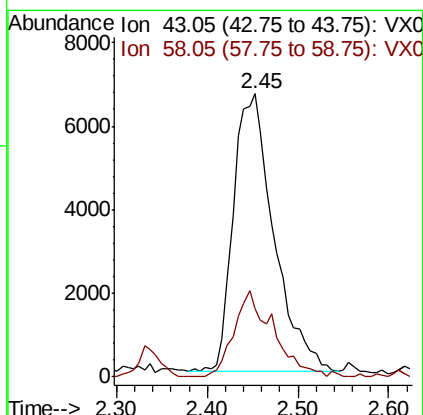
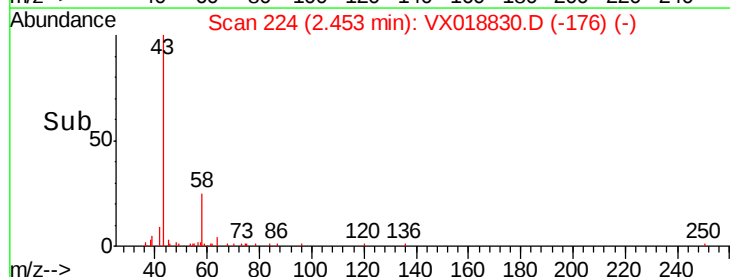
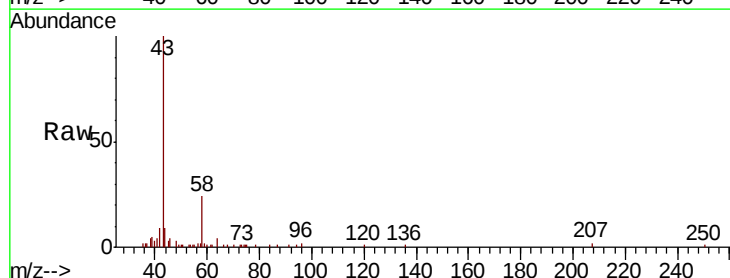
Acq: 07 Oct 2020 23:12

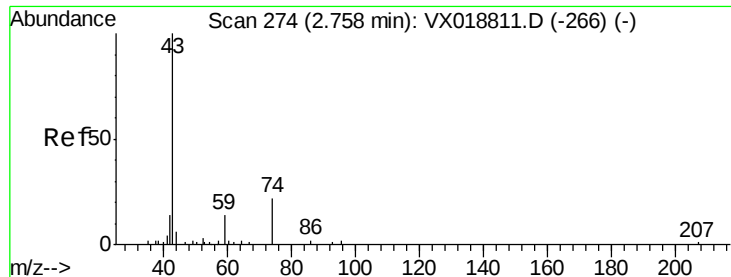
Tgt Ion: 43 Resp: 20640

Ion Ratio Lower Upper

43 100

58 29.9 0.0 56.4

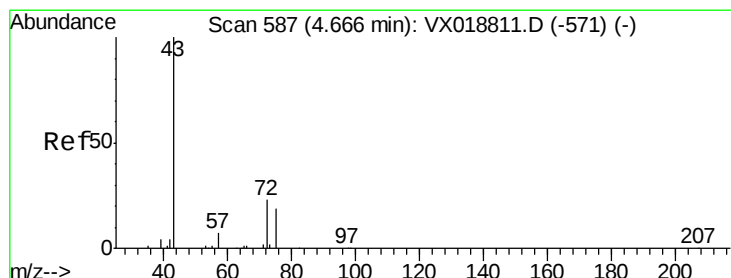
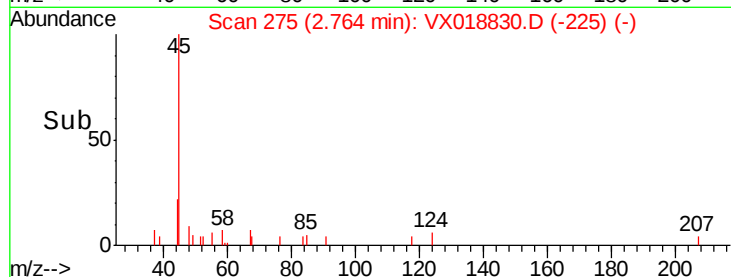
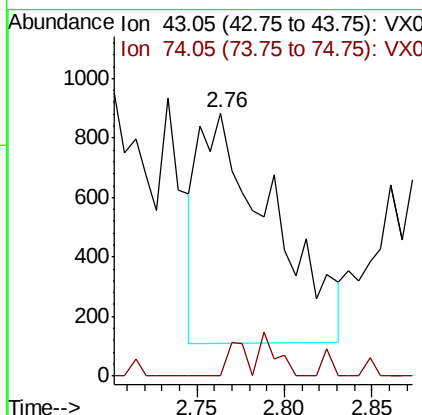
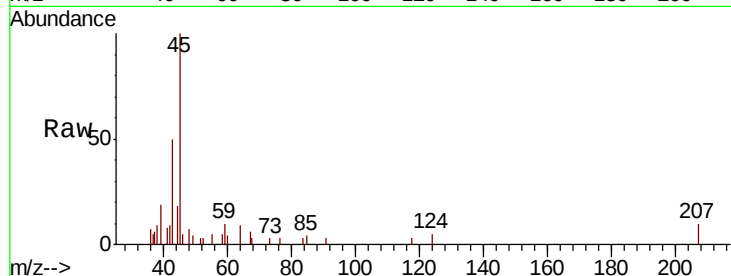




#15
Methvl Acetate
Concen: 0.781 ug/L
RT: 2.76 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX018830.D
Acq: 07 Oct 2020 23:12

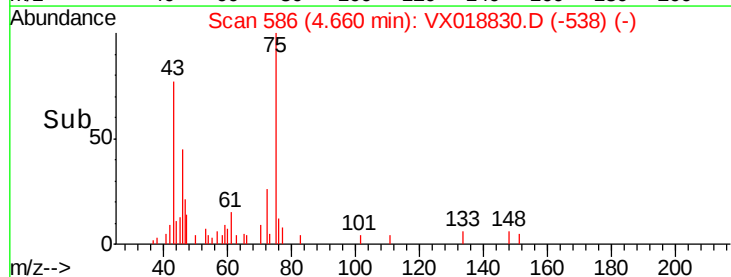
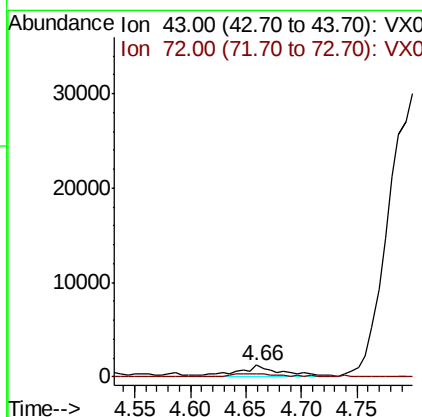
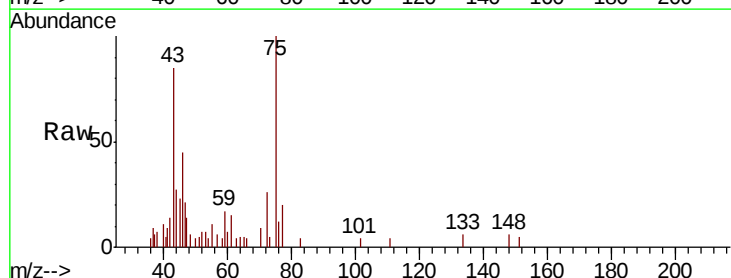
Instrument :
MSVOA_X
ClientSampled :
C0AT8

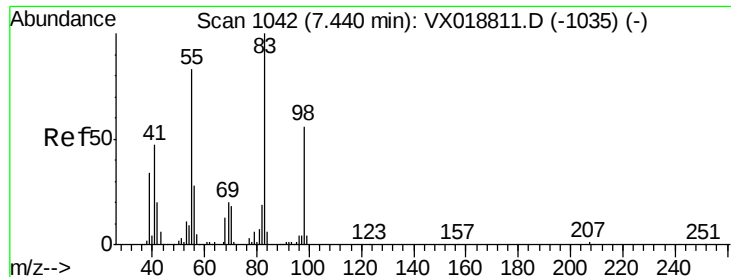
Tot Ion: 43 Resp: 2241
Ion Ratio Lower Upper
43 100
74 3.6 21.9 32.9#



#21
2-Butanone
Concen: 1.624 ug/L
RT: 4.66 min Scan# 586
Delta R.T. -0.01 min
Lab File: VX018830.D
Acq: 07 Oct 2020 23:12

Tgt Ion: 43 Resp: 2760
Ion Ratio Lower Upper
43 100
72 40.5 12.4 37.2#





#35

Methvlcvclohexane

Concen: 1.124 ug/L

RT: 7.37 min Scan# 1030

Delta R.T. -0.07 min

Lab File: VX018830.D

Acq: 07 Oct 2020 23:12

Instrument :

MSVOA_X

ClientSampleId :

C0AT8

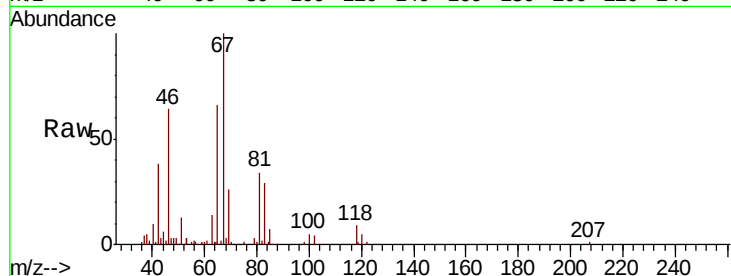
Tot Ion: 83 Resp: 13484

Ion Ratio Lower Upper

83 100

55 2.4 60.3 90.5#

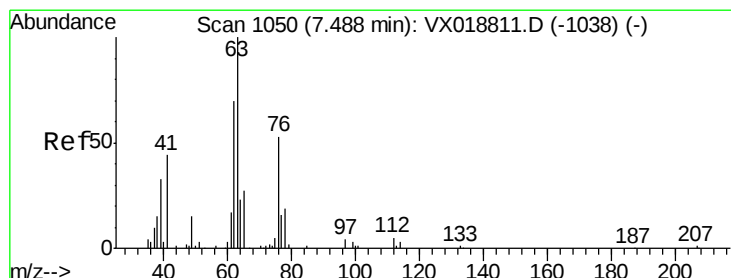
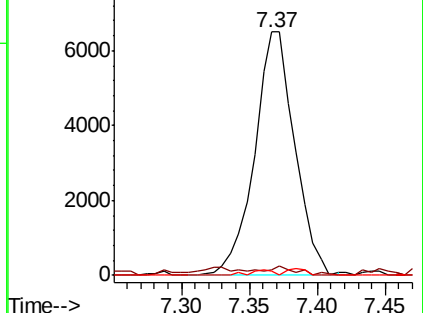
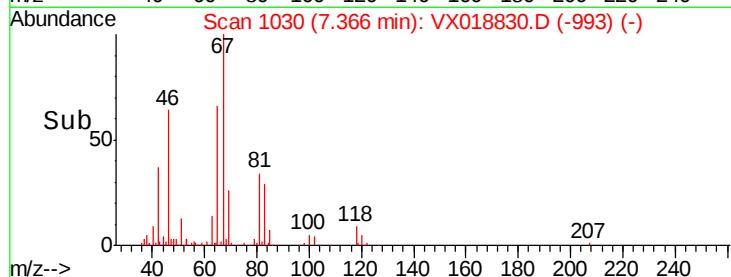
98 1.2 39.4 59.0#



Abundance Ion 83.15 (82.85 to 83.85): VX0

Ion 55.10 (54.80 to 55.80): VX0

Ion 98.15 (97.85 to 98.85): VX0



#37

1,2-Dichloropropane

Concen: 0.897 ug/L

RT: 7.37 min Scan# 1030

Delta R.T. -0.12 min

Lab File: VX018830.D

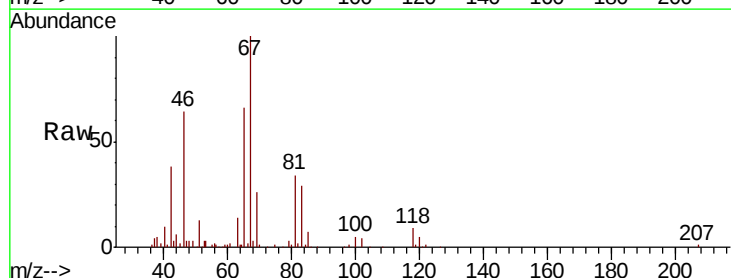
Acq: 07 Oct 2020 23:12

Tgt Ion: 63 Resp: 6443

Ion Ratio Lower Upper

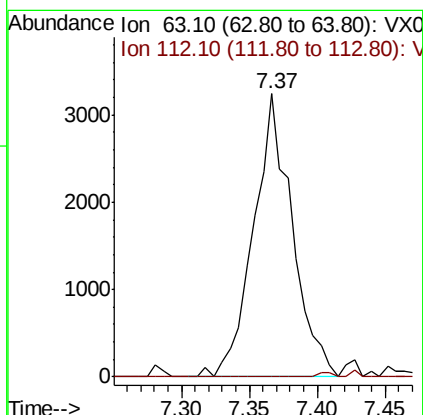
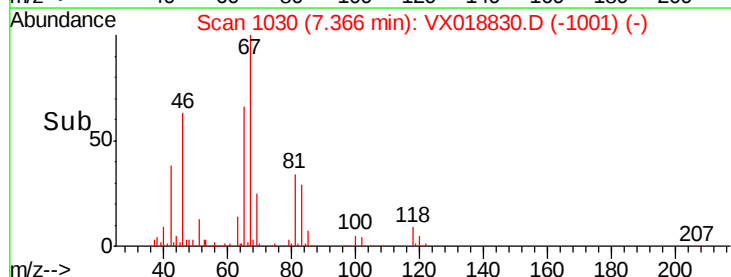
63 100

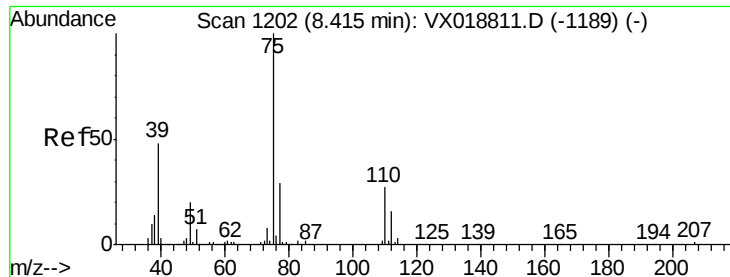
112 0.6 4.7 7.1#



Abundance Ion 63.10 (62.80 to 63.80): VX0

Ion 112.10 (111.80 to 112.80): V





#39

cis-1,3-Dichloropropene

Concen: 0.155 ug/L

RT: 8.38 min Scan# 1196

Delta R.T. -0.04 min

Lab File: VX018830.D

Acq: 07 Oct 2020 23:12

Instrument :

MSVOA_X

ClientSampleId :

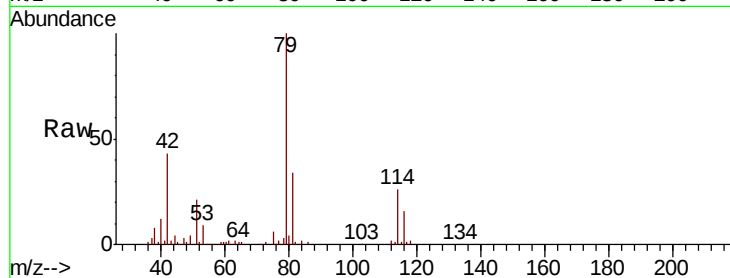
C0AT8

Tot Ion: 75 Resp: 1781

Ion Ratio Lower Upper

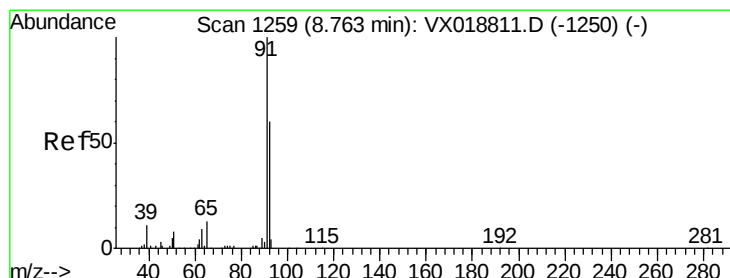
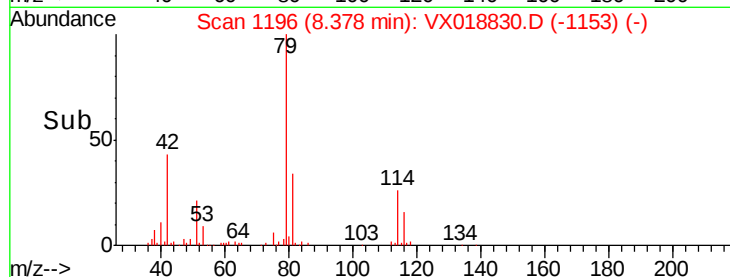
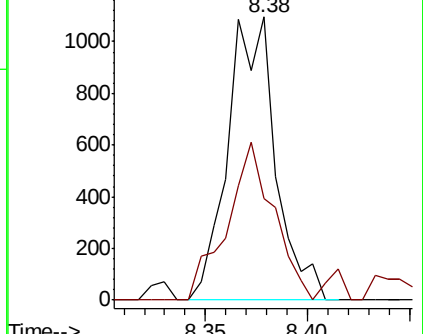
75 100

77 35.9 22.5 41.7



Abundance Ion 75.05 (74.75 to 75.75): VX0

Ion 77.05 (76.75 to 77.75): VX0



#42

Toluene

Concen: 0.554 ug/L

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX018830.D

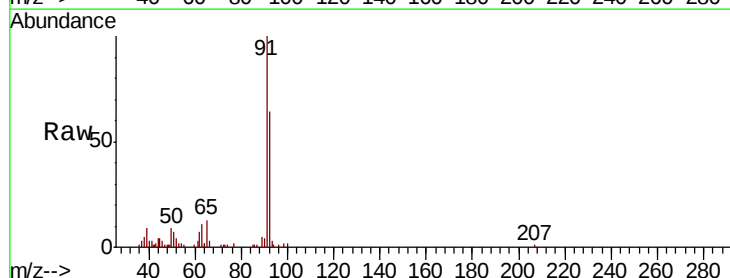
Acq: 07 Oct 2020 23:12

Tgt Ion: 91 Resp: 17390

Ion Ratio Lower Upper

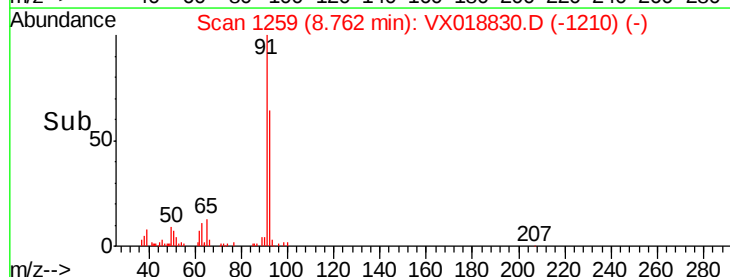
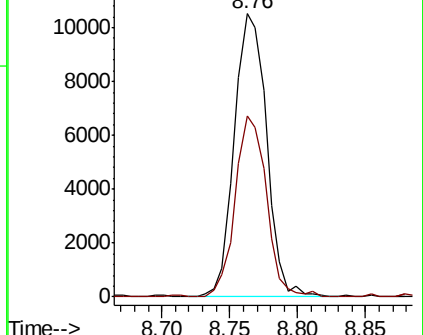
91 100

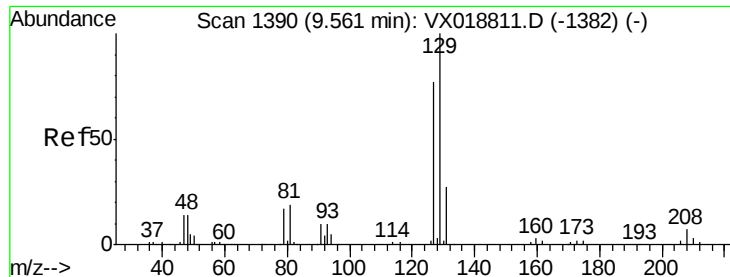
92 64.1 40.3 74.9



Abundance Ion 91.15 (90.85 to 91.85): VX0

Ion 92.15 (91.85 to 92.85): VX0





#51

Dibromochloromethane

Concen: 0.073 ug/L

RT: 9.57 min Scan# 1391

Delta R.T. 0.01 min

Lab File: VX018830.D

Acq: 07 Oct 2020 23:12

Instrument :

MSVOA_X

ClientSampleId :

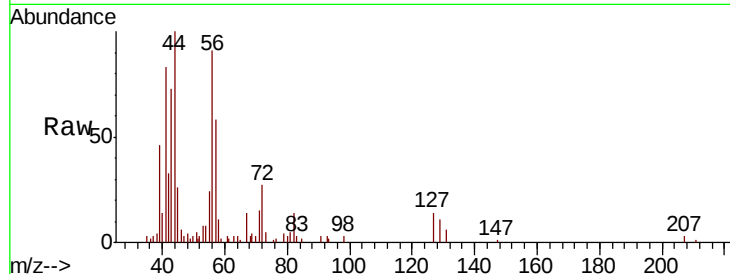
C0AT8

Tot Ion:129 Resp: 578

Ion Ratio Lower Upper

129 100

127 122.4 54.5 101.1#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

600

500

400

300

200

100

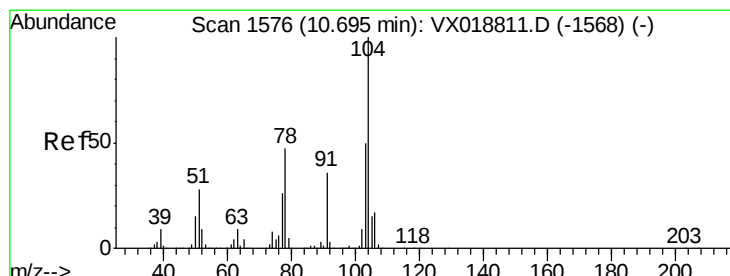
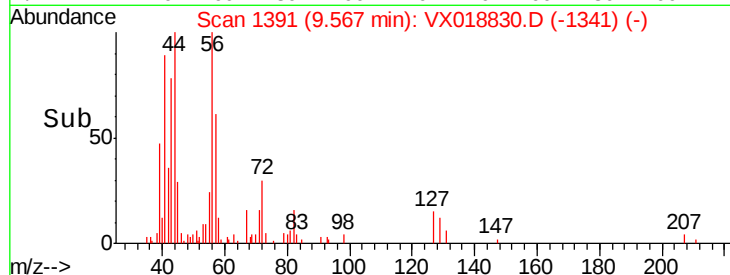
0

9.55

9.57

9.60

Time-->



#57

Styrene

Concen: 0.052 ug/L

RT: 10.70 min Scan# 1576

Delta R.T. -0.00 min

Lab File: VX018830.D

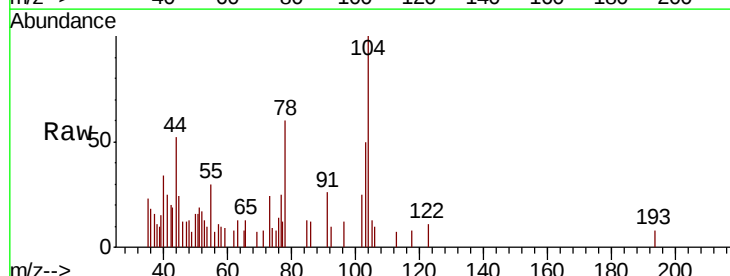
Acq: 07 Oct 2020 23:12

Tgt Ion:104 Resp: 1129

Ion Ratio Lower Upper

104 100

78 59.8 37.1 68.9



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VX0

800

600

400

200

0

10.65

10.70

10.75

Time-->

