

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092920\
 Data File : VX018648.D
 Acq On : 29 Sep 2020 11:24
 Operator : JC/SP
 Sample : L4135-09
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 30 04:55:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Sep 30 04:47:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	284401	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	267792	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	121783	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	63927	4.30	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.00%
7) Chloroethane-d5	1.70	69	56984	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.80%
11) 1,1-Dichloroethene-d2	2.34	63	113993	3.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.40%
20) 2-Butanone-d5	4.54	46	196440	51.76	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.52%
24) Chloroform-d	5.14	84	161482	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	6.03	65	88304	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
32) Benzene-d6	6.05	84	306374	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
36) 1,2-Dichloropropane-d6	7.37	67	95541	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.40%
41) Toluene-d8	8.70	98	282715	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
45) trans-1,3-Dichloropropene-	8.99	79	37338	4.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.00%
48) 2-Hexanone-d5	9.43	63	157555	52.52	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.04%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	68681	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.00%
65) 1,2-Dichlorobenzene-d4	12.36	152	98755	4.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.20%

Target Compounds

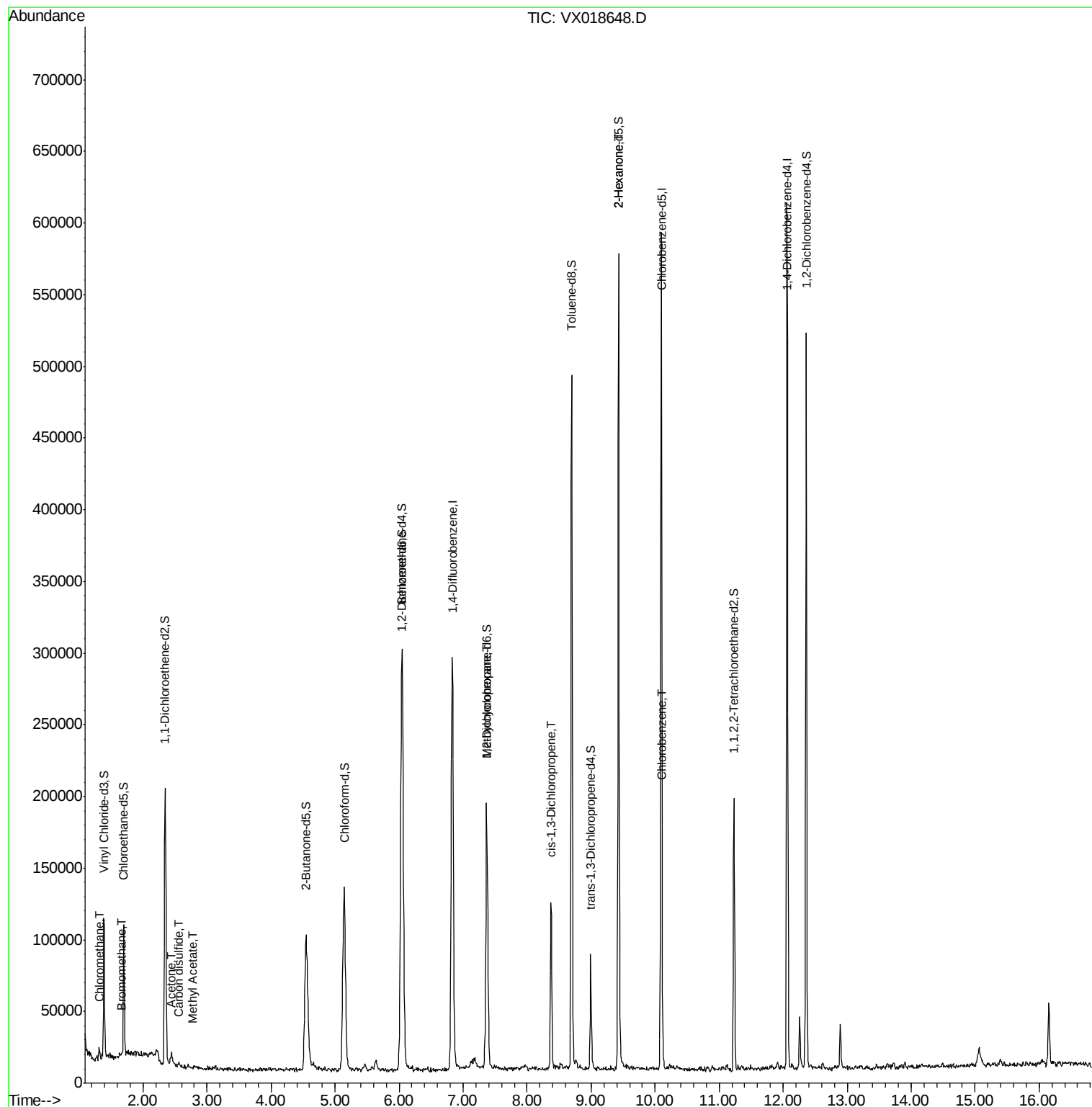
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.31	50	4373	0.297	ug/L	86
6) Bromomethane	1.65	94	1346	0.146	ug/L	73
13) Acetone	2.44	43	15710	7.479	ug/L	97
14) Carbon disulfide	2.56	76	2987	0.071	ug/L #	85
15) Methyl Acetate	2.77	43	730	0.126	ug/L #	1
35) Methylcyclohexane	7.37	83	23396	1.126	ug/L #	17
39) cis-1,3-Dichloropropene	8.38	75	3018	0.154	ug/L	90
50) 2-Hexanone	9.43	43	19692	3.643	ug/L #	69
53) Chlorobenzene	10.12	112	2244	0.061	ug/L	91

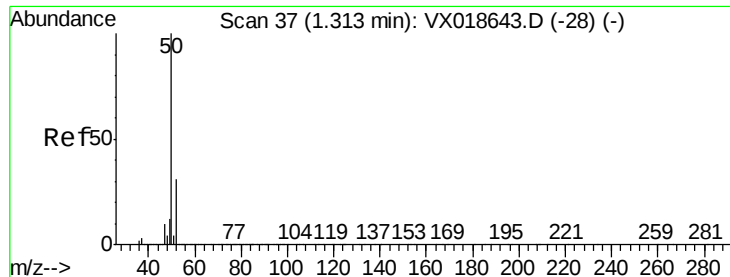
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 30 04:47:32 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.297 ug/L

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX018648.D

Acq: 29 Sep 2020 11:24

Instrument :

MSVOA_X

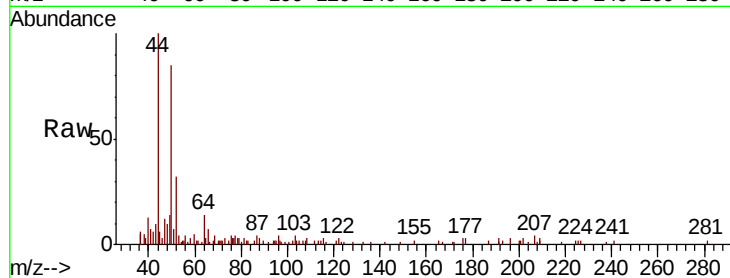
ClientSampleId :

Tot Ion: 50 Resp: 4373

Ion Ratio Lower Upper

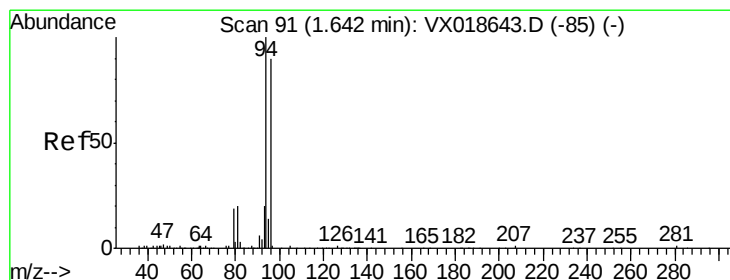
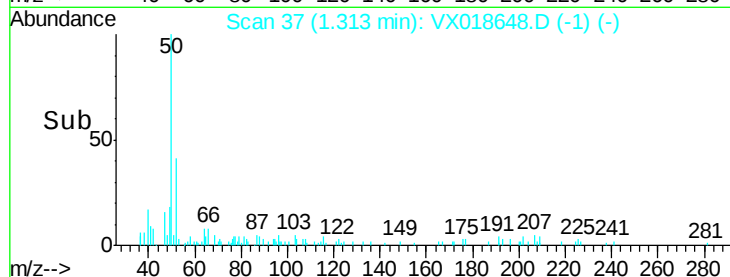
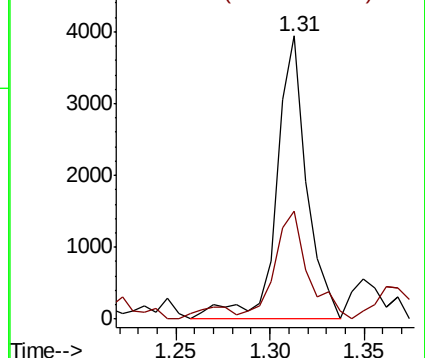
50 100

52 38.0 21.2 39.4



Abundance Ion 50.05 (49.75 to 50.75): VX0

Ion 52.05 (51.75 to 52.75): VX0



#6

Bromomethane

Concen: 0.146 ug/L

RT: 1.65 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX018648.D

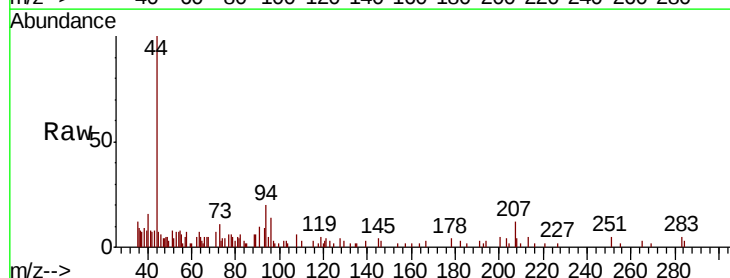
Acq: 29 Sep 2020 11:24

Tgt Ion: 94 Resp: 1346

Ion Ratio Lower Upper

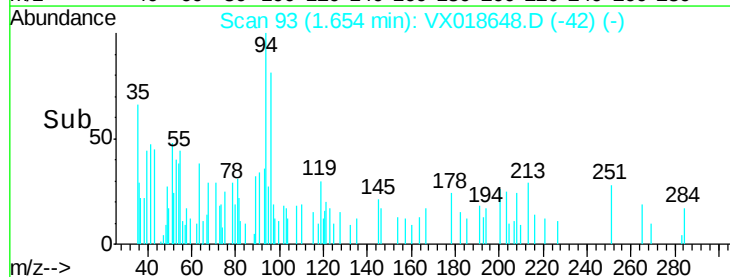
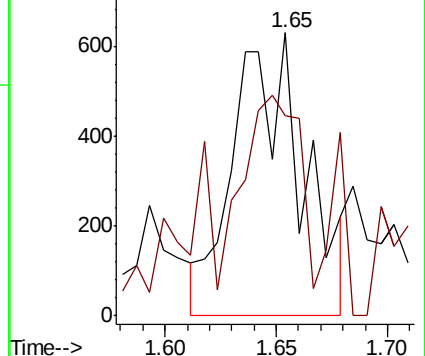
94 100

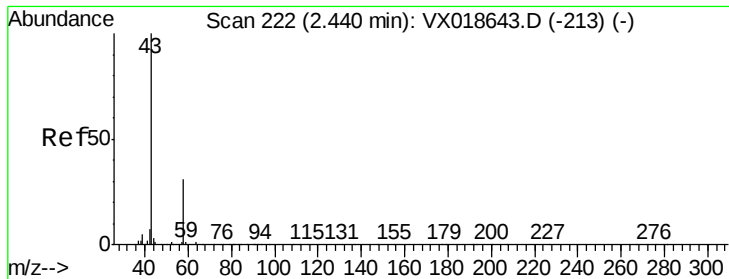
96 70.6 67.8 125.8



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0





#13

Acetone

Concen: 7.479 ug/L

RT: 2.44 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX018648.D

Acq: 29 Sep 2020 11:24

Instrument :

MSVOA_X

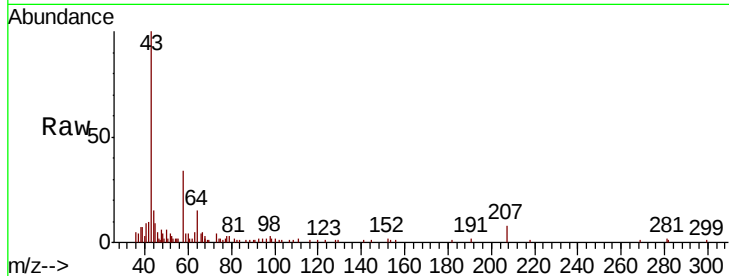
ClientSampleId :

Tot Ion: 43 Resp: 15710

Ion Ratio Lower Upper

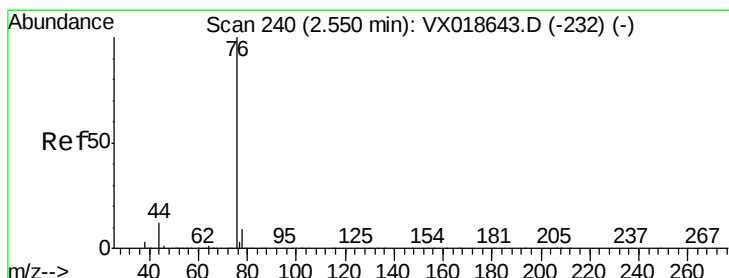
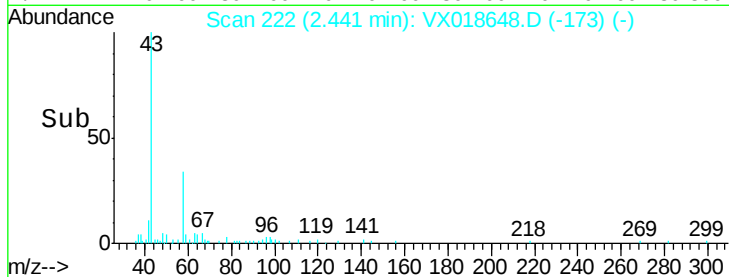
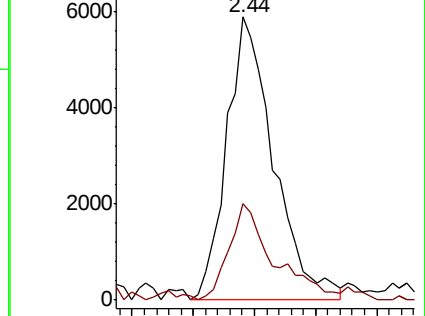
43 100

58 32.3 0.0 61.6



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0



#14

Carbon disulfide

Concen: 0.071 ug/L

RT: 2.56 min Scan# 241

Delta R.T. 0.01 min

Lab File: VX018648.D

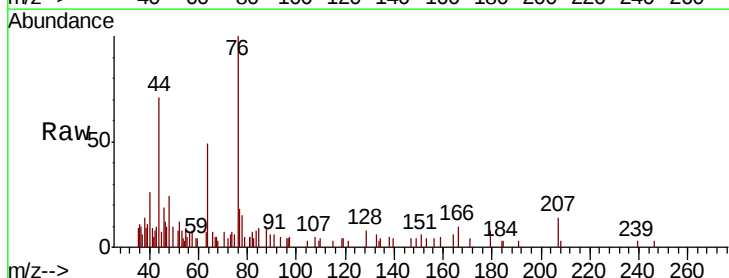
Acq: 29 Sep 2020 11:24

Tgt Ion: 76 Resp: 2987

Ion Ratio Lower Upper

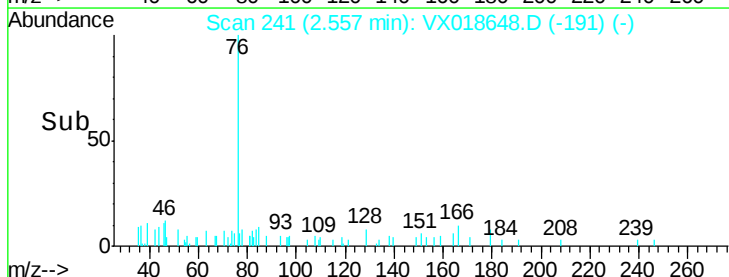
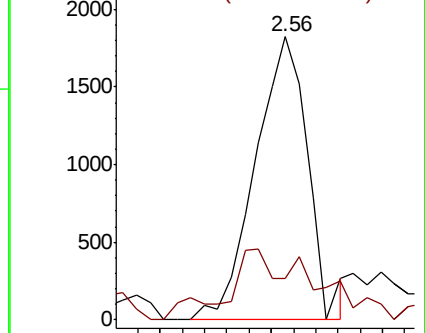
76 100

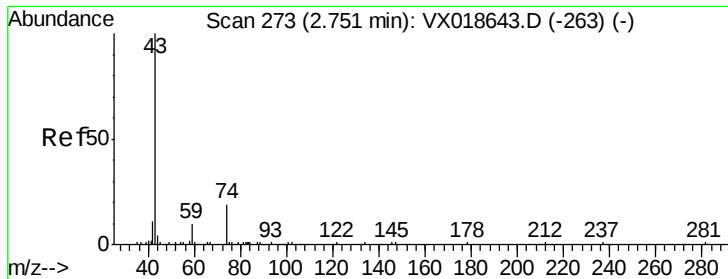
78 14.6 7.4 11.0#



Abundance Ion 76.05 (75.75 to 76.75): VX0

Ion 78.00 (77.70 to 78.70): VX0

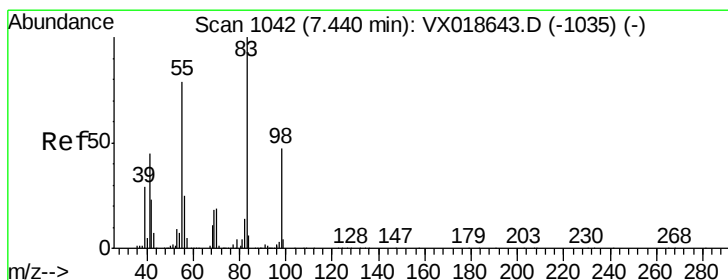
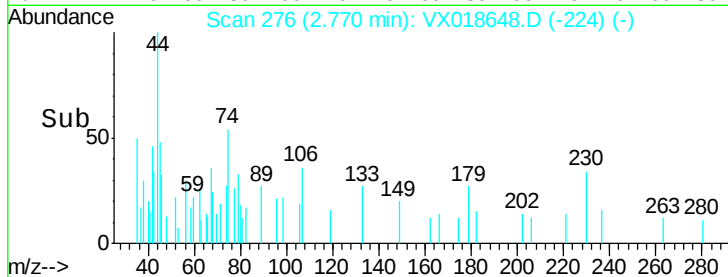
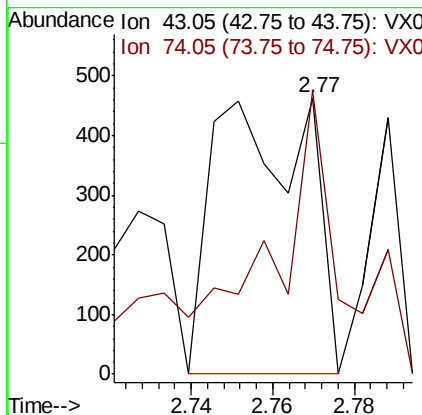
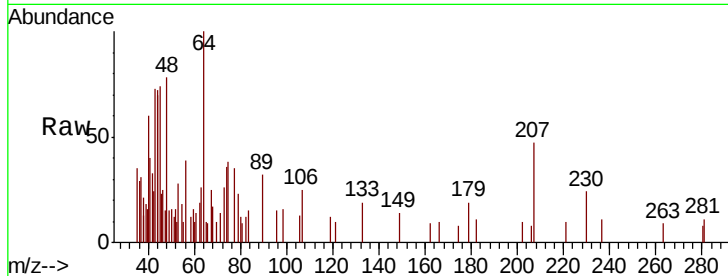




#15
Methvl Acetate
Concen: 0.126 ug/L
RT: 2.77 min Scan# 276
Delta R.T. 0.02 min
Lab File: VX018648.D
Acq: 29 Sep 2020 11:24

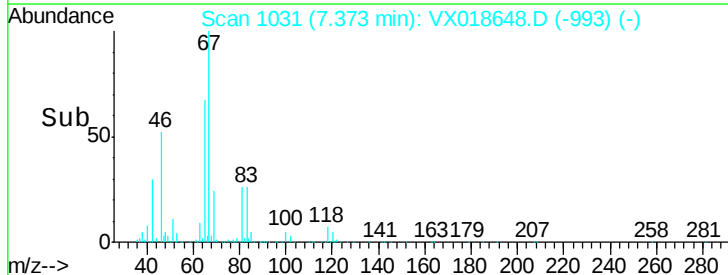
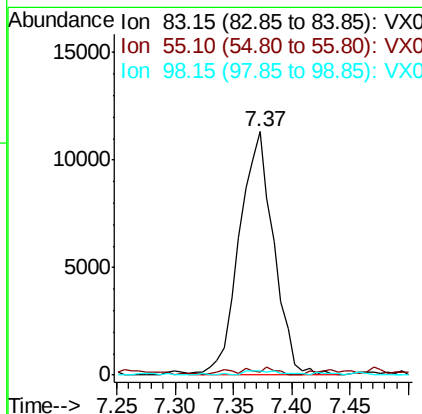
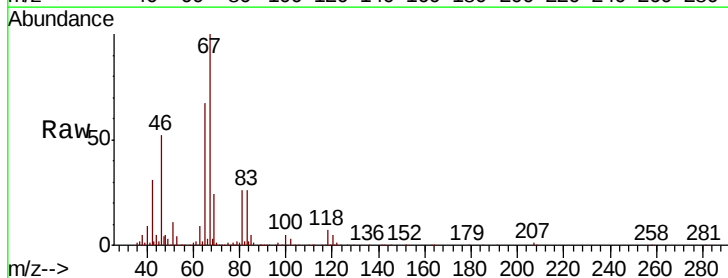
Instrument :
MSVOA_X
ClientSampled :

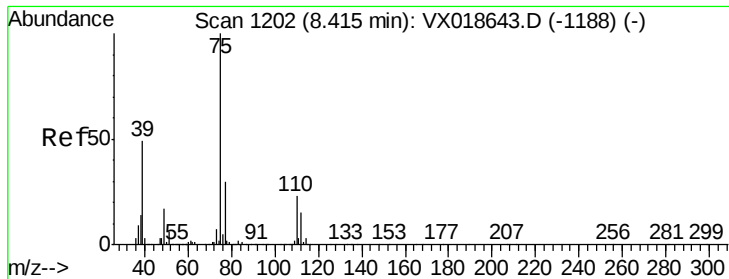
Tot Ion: 43 Resp: 730
Ion Ratio Lower Upper
43 100
74 77.5 21.2 31.8#



#35
Methylcyclohexane
Concen: 1.126 ug/L
RT: 7.37 min Scan# 1031
Delta R.T. -0.07 min
Lab File: VX018648.D
Acq: 29 Sep 2020 11:24

Tgt Ion: 83 Resp: 23396
Ion Ratio Lower Upper
83 100
55 2.3 67.4 101.0#
98 2.1 41.1 61.7#

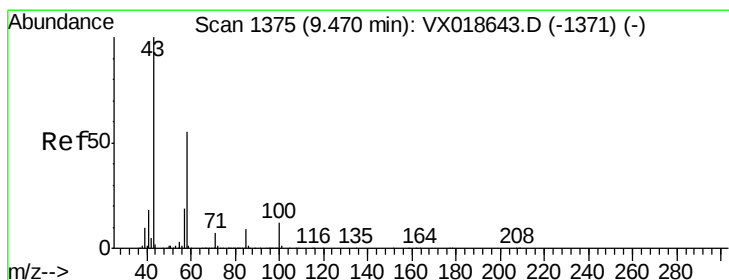
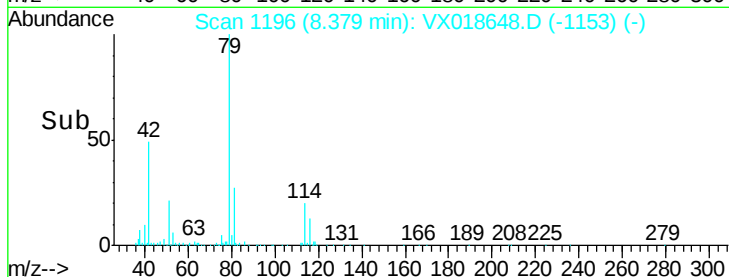
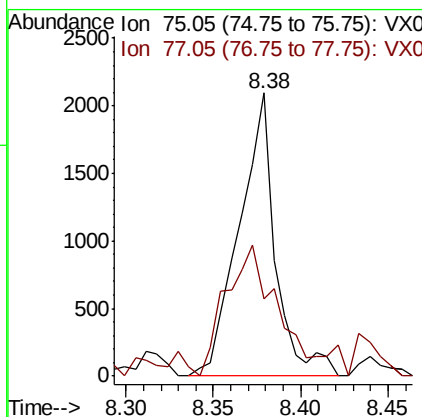
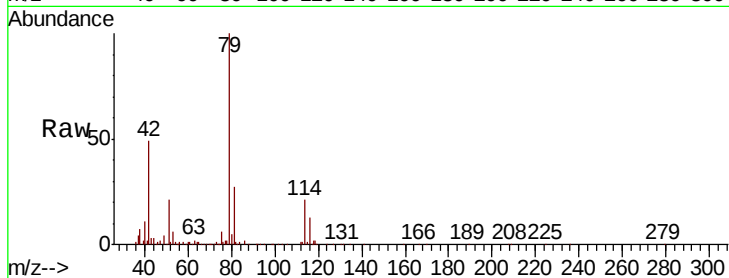




#39
 cis-1,3-Dichloropropene
 Concen: 0.154 ug/L
 RT: 8.38 min Scan# 1196
 Delta R.T. -0.04 min
 Lab File: VX018648.D
 Acq: 29 Sep 2020 11:24

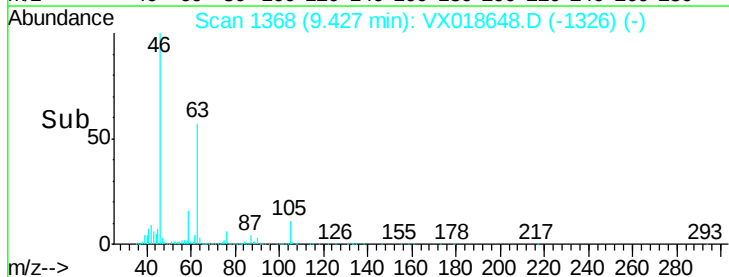
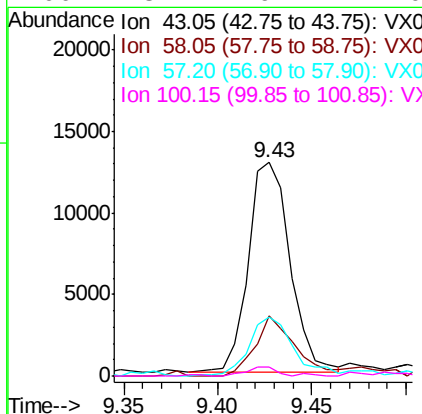
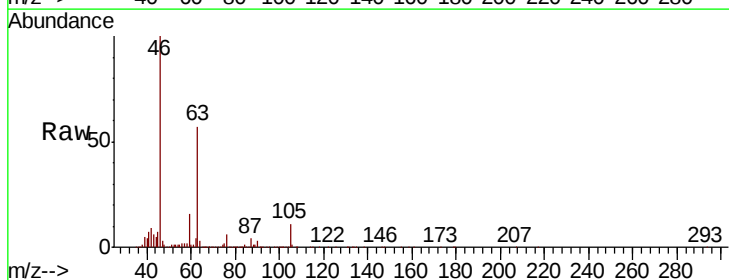
Instrument :
 MSVOA_X
 ClientSampleId :

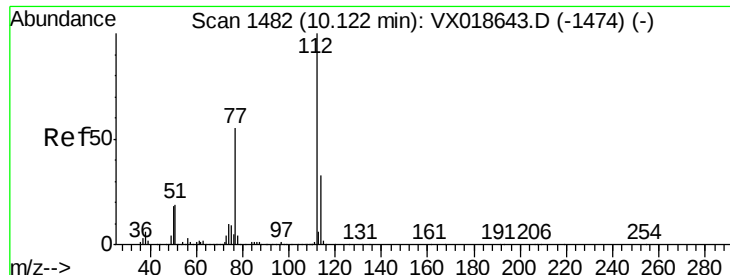
Tot Ion: 75 Resp: 3018
 Ion Ratio Lower Upper
 75 100
 77 27.5 23.0 42.8



#50
 2-Hexanone
 Concen: 3.643 ug/L
 RT: 9.43 min Scan# 1368
 Delta R.T. -0.04 min
 Lab File: VX018648.D
 Acq: 29 Sep 2020 11:24

Tgt Ion: 43 Resp: 19692
 Ion Ratio Lower Upper
 43 100
 58 27.3 42.5 63.7#
 57 30.3 15.9 23.9#
 100 3.2 9.4 14.0#





#53

Chlorobenzene

Concen: 0.061 ug/L

RT: 10.12 min Scan# 1481

Delta R.T. -0.01 min

Lab File: VX018648.D

Acq: 29 Sep 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

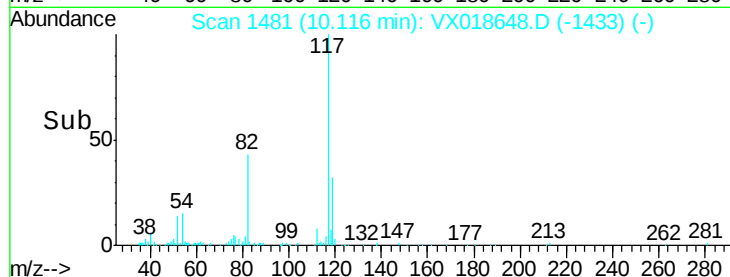
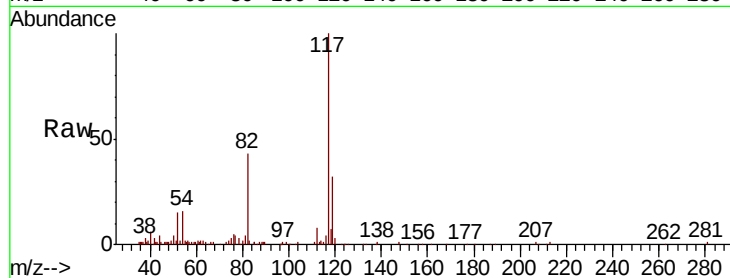
Tot Ion:112 Resp: 2244

Ion Ratio Lower Upper

112 100

114 21.7 20.6 38.4

77 53.2 46.6 69.8



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VX0

