

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092920\
 Data File : VX018669.D
 Acq On : 29 Sep 2020 20:41
 Operator : JC/SP
 Sample : VX0929WBL02
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 30 07:11:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Sep 30 07:04:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	236066	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	226623	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	100579	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	55024	4.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.00%
7) Chloroethane-d5	1.70	69	48626	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.40%
11) 1,1-Dichloroethene-d2	2.34	63	103659	3.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.00%
20) 2-Butanone-d5	4.56	46	171390	54.41	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.82%
24) Chloroform-d	5.14	84	143310	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	6.03	65	81406	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
32) Benzene-d6	6.05	84	255880	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	7.37	67	79321	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.60%
41) Toluene-d8	8.70	98	233198	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
45) trans-1,3-Dichloropropene-	8.99	79	31941	4.50	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.00%
48) 2-Hexanone-d5	9.43	63	132500	52.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.38%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	62332	5.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.00%
65) 1,2-Dichlorobenzene-d4	12.36	152	83535	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%

Target Compounds

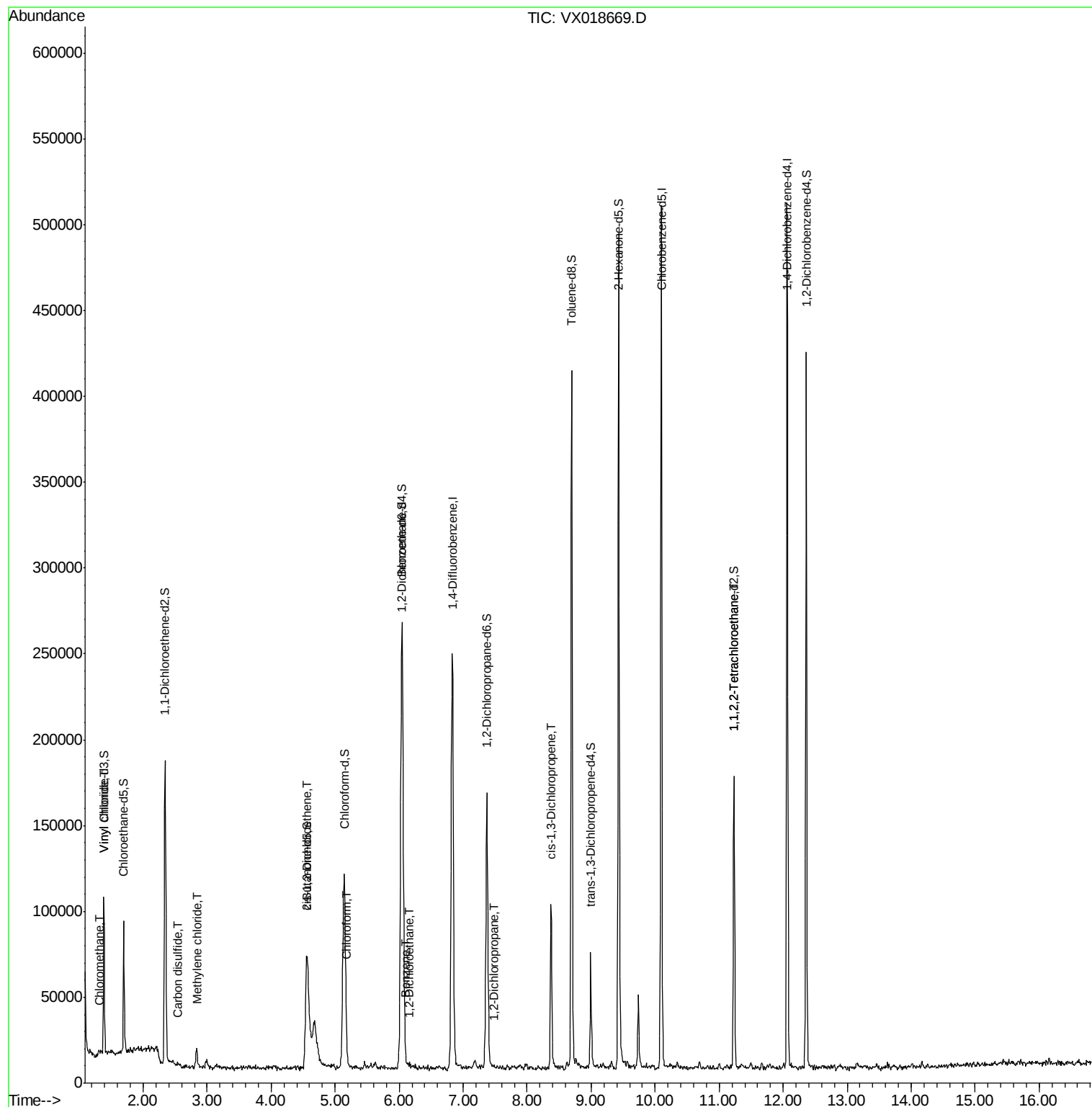
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.32	50	1382	0.113	ug/L #	57
5) Vinyl chloride	1.39	62	1332	0.104	ug/L #	1
14) Carbon disulfide	2.54	76	2444	0.070	ug/L #	94
16) Methylene chloride	2.83	84	5164	0.328	ug/L #	84
22) cis-1,2-Dichloroethene	4.55	96	496	0.041	ug/L #	83
25) Chloroform	5.18	83	2555	0.113	ug/L	77
27) 1,2-Dichloroethane	6.16	62	1337	0.094	ug/L #	83
33) Benzene	6.10	78	2290	0.052	ug/L	100
37) 1,2-Dichloropropane	7.49	63	1059	0.091	ug/L #	91
39) cis-1,3-Dichloropropene	8.37	75	3867	0.234	ug/L #	81
60) 1,1,2,2-Tetrachloroethane	11.24	83	781	0.083	ug/L #	1

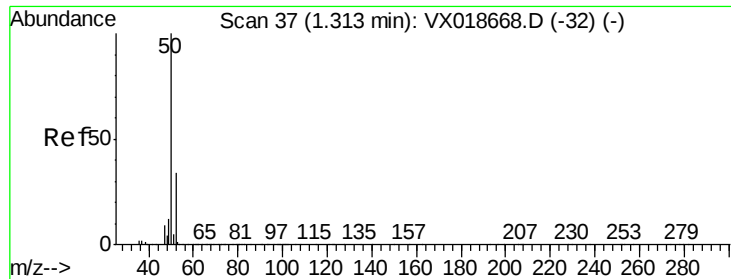
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 30 07:04:14 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.113 ug/L

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX018669.D

Acq: 29 Sep 2020 20:41

Instrument :

MSVOA_X

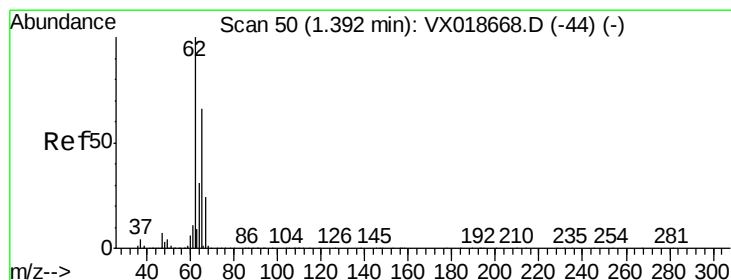
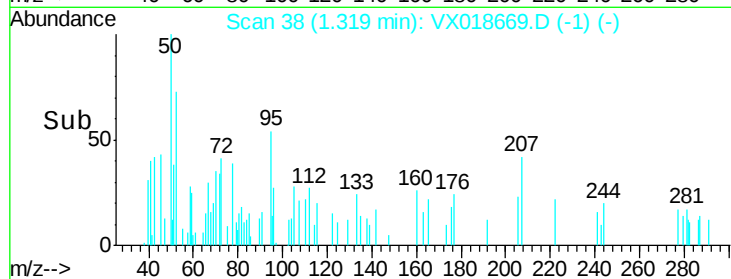
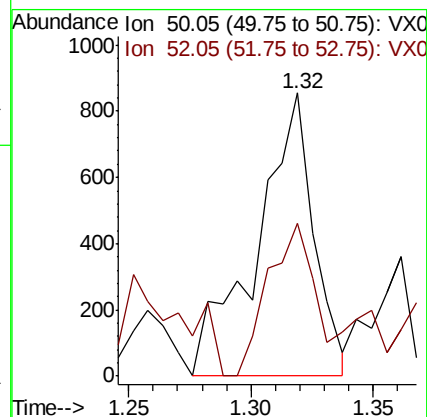
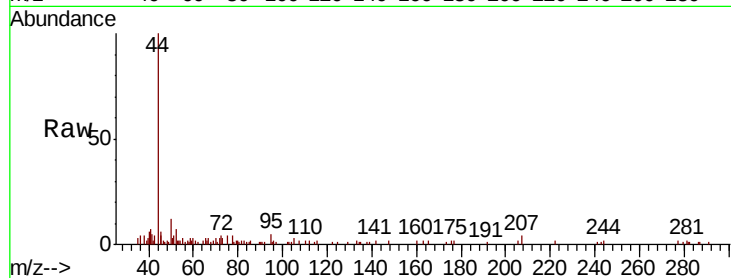
ClientSampled :

Tot Ion: 50 Resp: 1382

Ion Ratio Lower Upper

50 100

52 53.9 21.2 39.4#



#5

Vinyl chloride

Concen: 0.104 ug/L

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018669.D

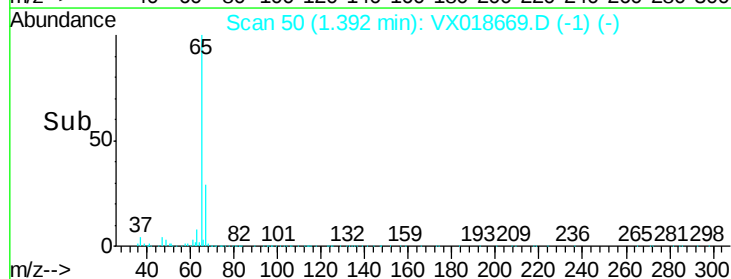
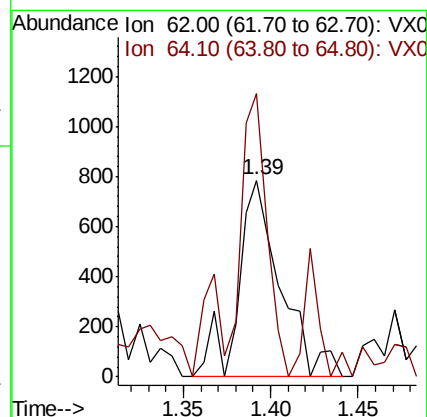
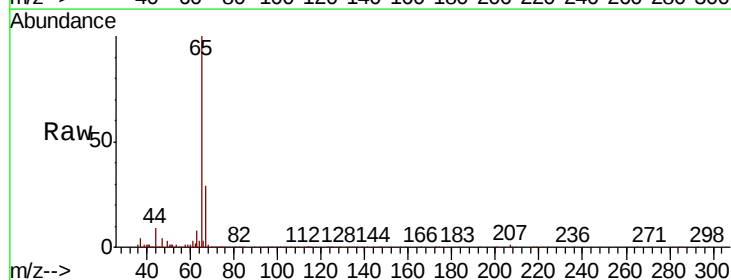
Acq: 29 Sep 2020 20:41

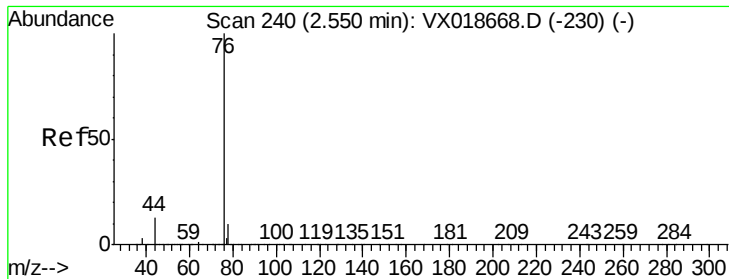
Tgt Ion: 62 Resp: 1332

Ion Ratio Lower Upper

62 100

64 143.9 23.6 43.8#





#14

Carbon disulfide

Concen: 0.070 ug/L

RT: 2.54 min Scan# 239

Delta R.T. -0.01 min

Lab File: VX018669.D

Acq: 29 Sep 2020 20:41

Instrument :

MSVOA_X

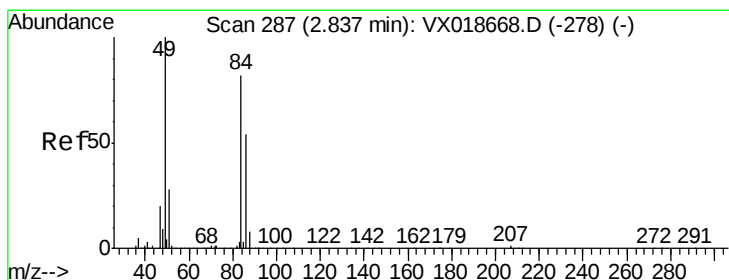
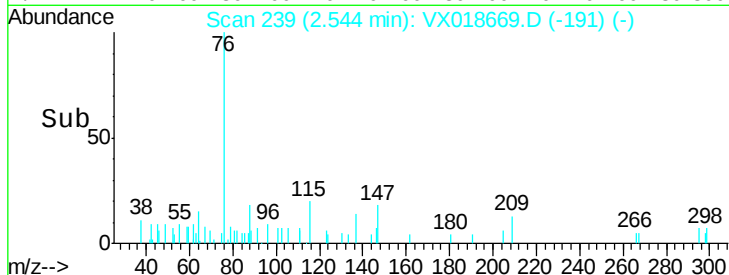
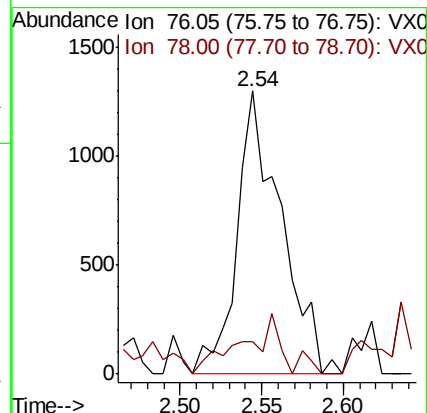
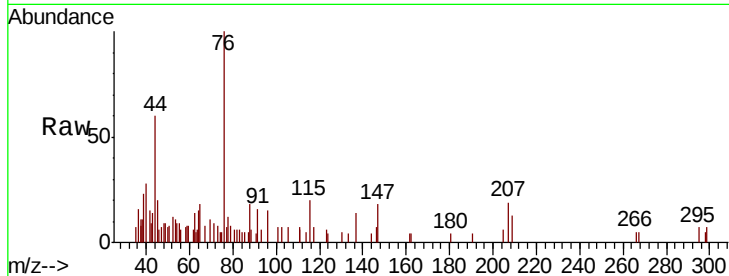
ClientSampled :

Tot Ion: 76 Resp: 2444

Ion Ratio Lower Upper

76 100

78 11.5 7.4 11.0#



#16

Methylene chloride

Concen: 0.328 ug/L

RT: 2.83 min Scan# 286

Delta R.T. -0.01 min

Lab File: VX018669.D

Acq: 29 Sep 2020 20:41

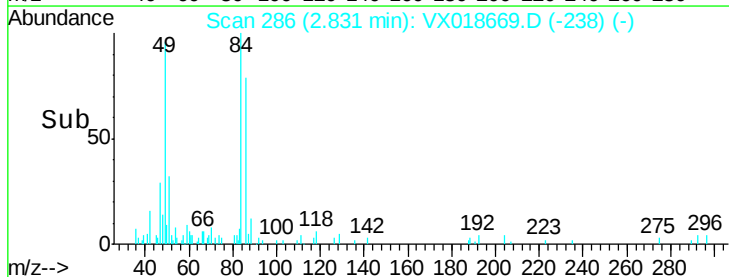
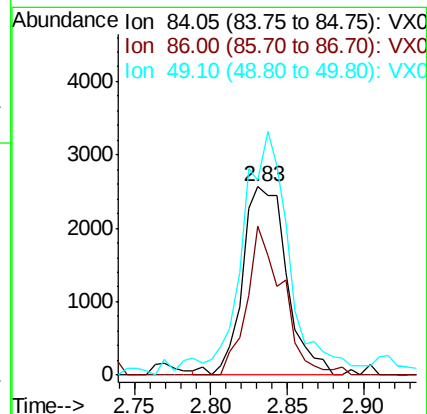
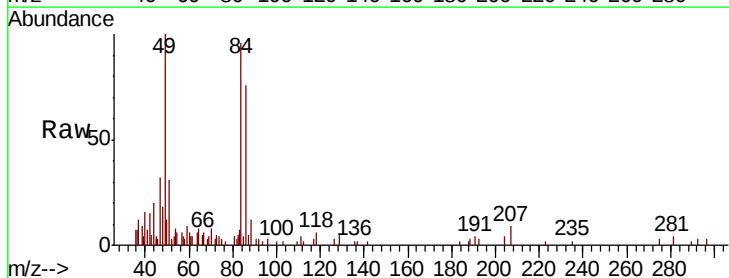
Tgt Ion: 84 Resp: 5164

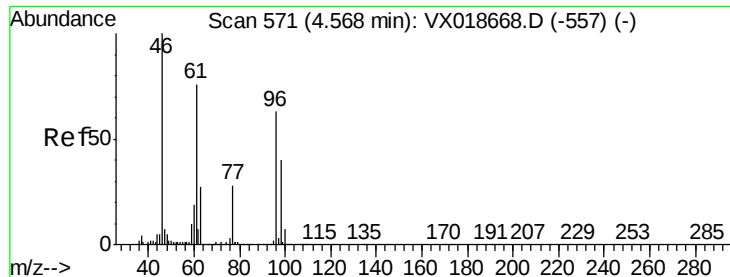
Ion Ratio Lower Upper

84 100

86 78.8 41.9 77.7#

49 104.0 80.8 150.2



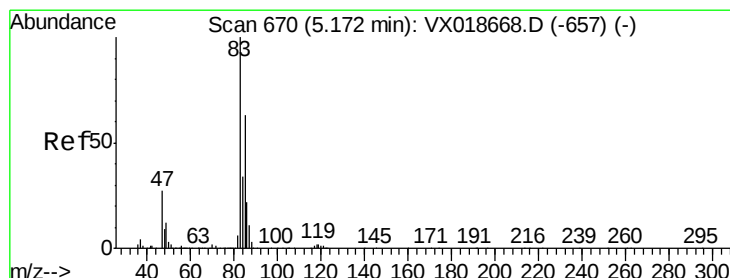
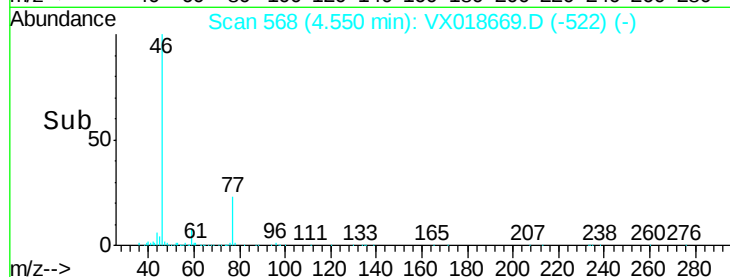
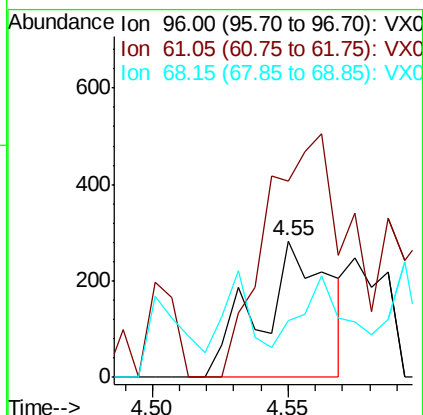
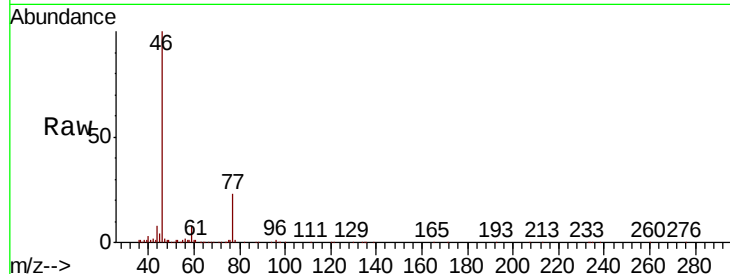


#22

cis-1,2-Dichloroethene
 Concen: 0.041 ug/L
 RT: 4.55 min Scan# 568
 Delta R.T. -0.02 min
 Lab File: VX018669.D
 Acq: 29 Sep 2020 20:41

Instrument :
 MSVOA_X
 ClientSampled :

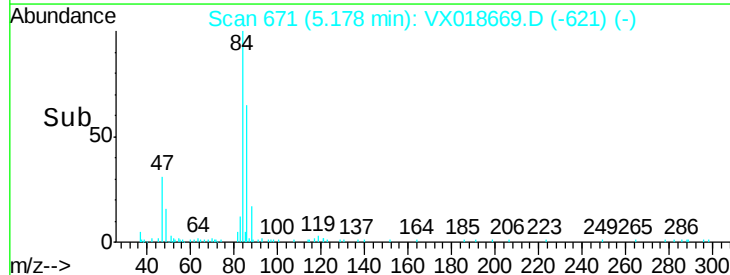
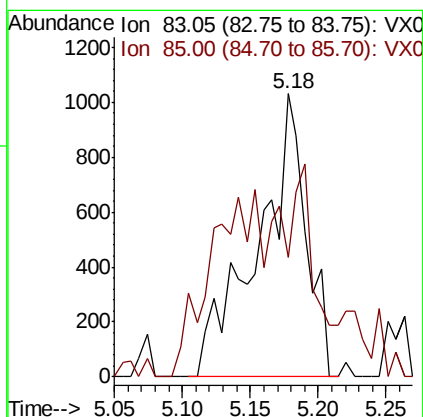
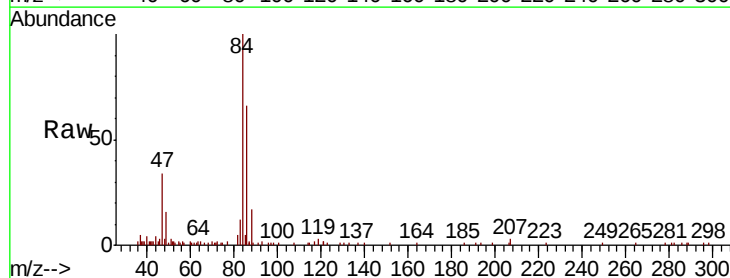
Tot Ion: 96 Resp: 496
 Ion Ratio Lower Upper
 96 100
 61 144.2 87.7 162.9
 68 42.0 0.3 0.7#

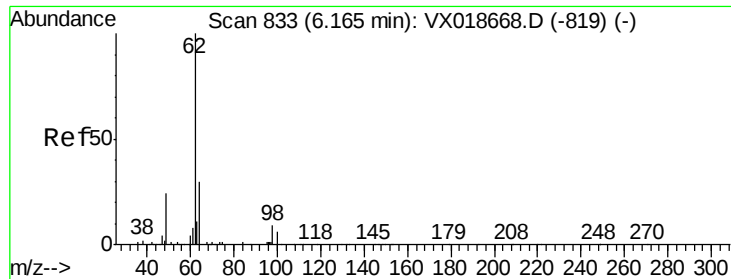


#25

Chloroform
 Concen: 0.113 ug/L
 RT: 5.18 min Scan# 671
 Delta R.T. 0.01 min
 Lab File: VX018669.D
 Acq: 29 Sep 2020 20:41

Tgt Ion: 83 Resp: 2555
 Ion Ratio Lower Upper
 83 100
 85 42.3 41.8 77.6

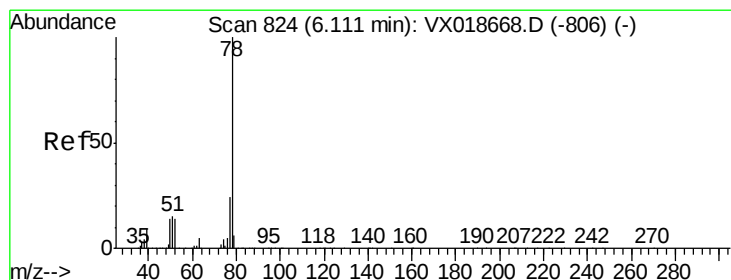
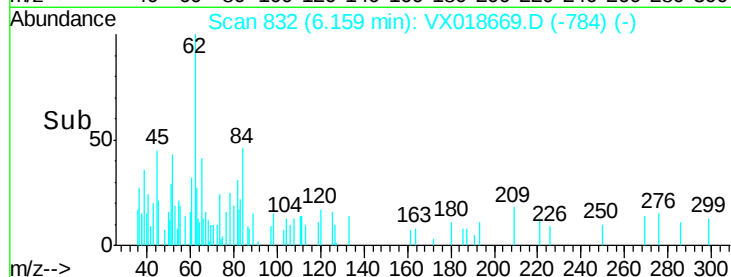
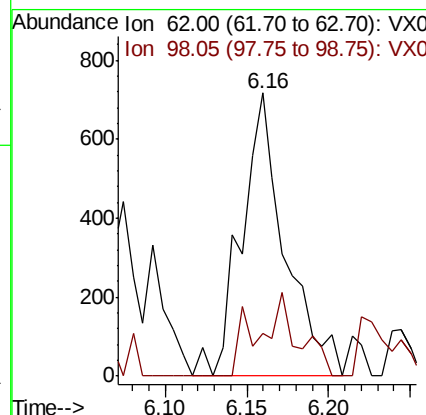
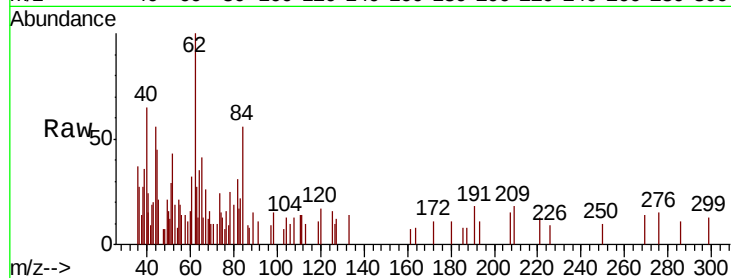




#27
 1,2-Dichloroethane
 Concen: 0.094 ug/L
 RT: 6.16 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: VX018669.D
 Acq: 29 Sep 2020 20:41

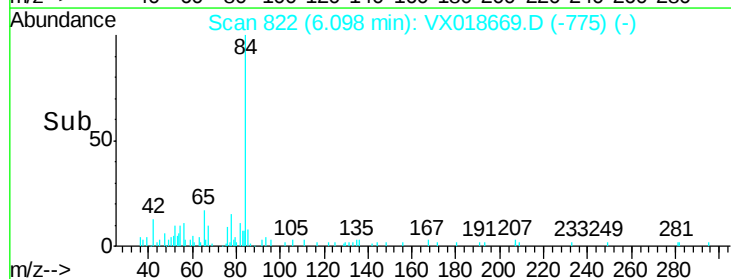
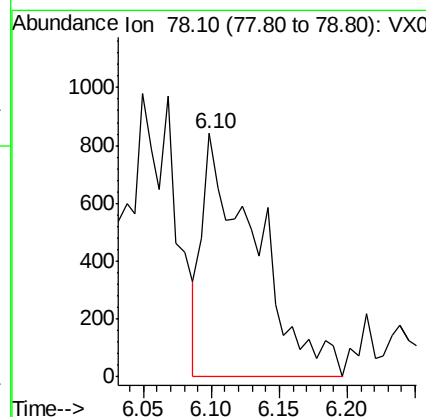
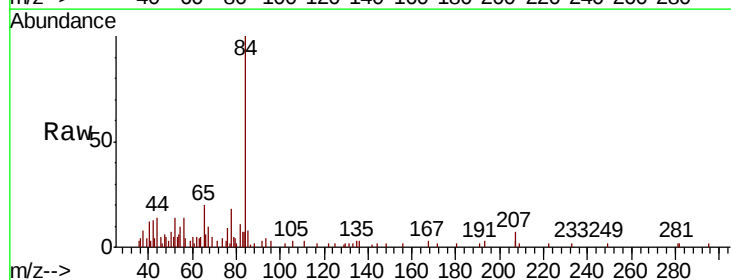
Instrument :
 MSVOA_X
 ClientSampleId :

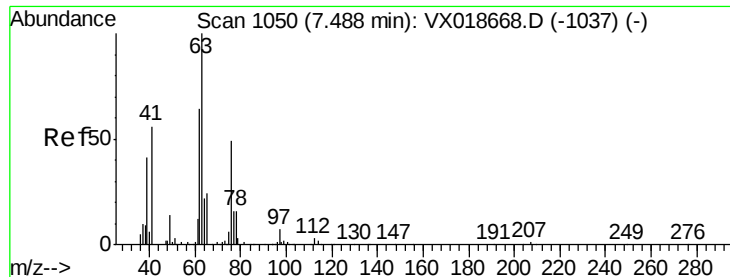
Tot Ion: 62 Resp: 1337
 Ion Ratio Lower Upper
 62 100
 98 14.9 7.0 10.4#



#33
 Benzene
 Concen: 0.052 ug/L
 RT: 6.10 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: VX018669.D
 Acq: 29 Sep 2020 20:41

Tgt Ion: 78 Resp: 2290

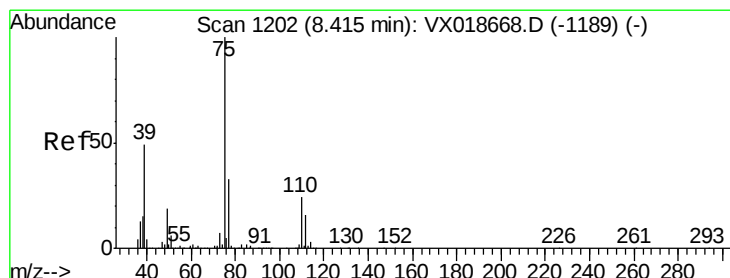
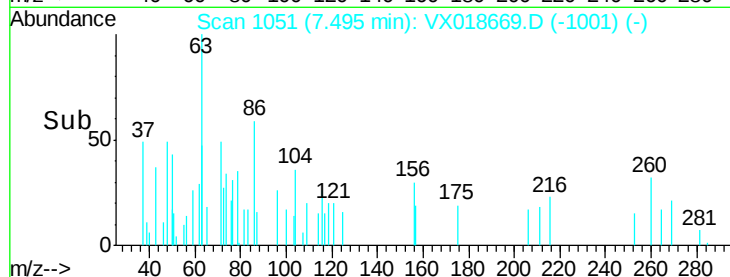
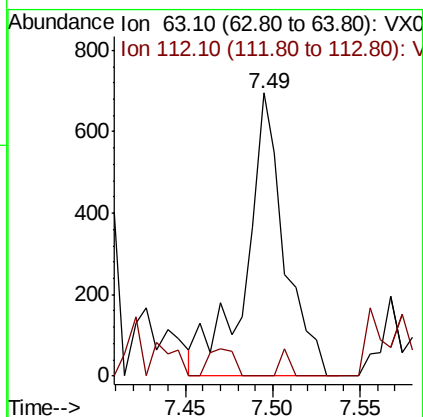
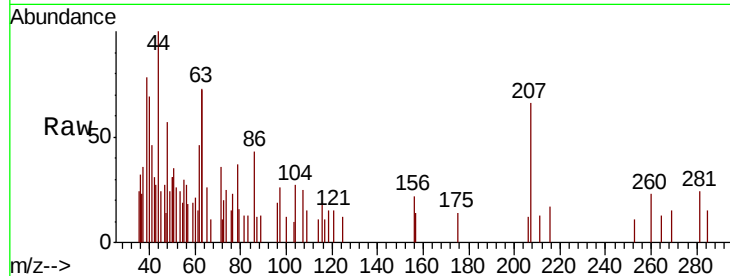




#37
 1,2-Dichloropropane
 Concen: 0.091 ug/L
 RT: 7.49 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VX018669.D
 Acq: 29 Sep 2020 20:41

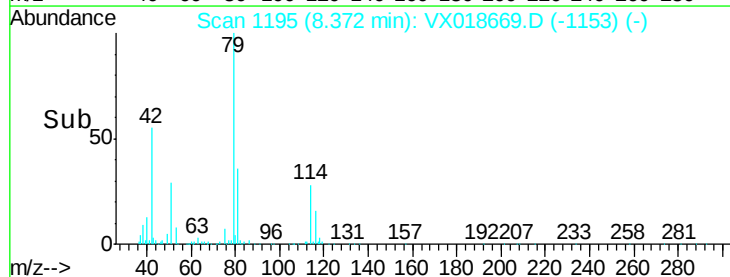
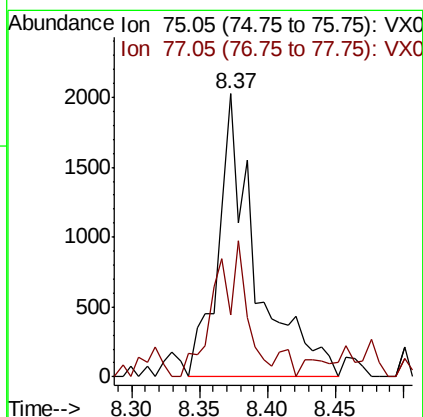
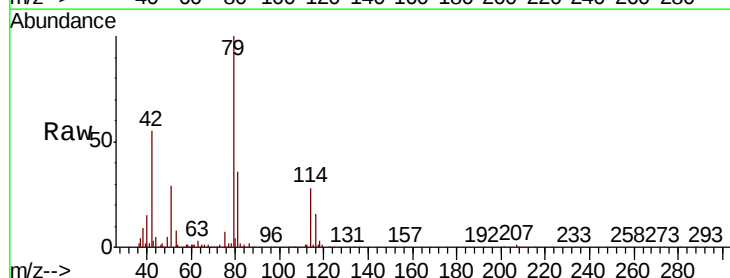
Instrument :
 MSVOA_X
 ClientSampleId :

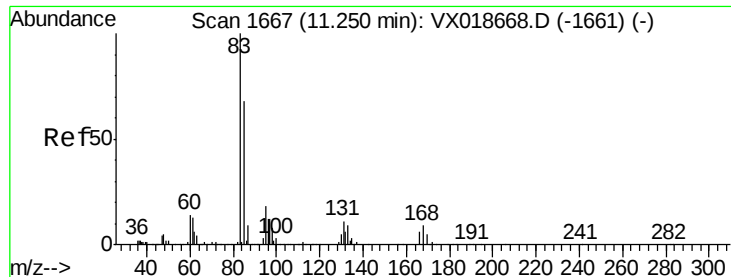
Tot Ion: 63 Resp: 1059
 Ion Ratio Lower Upper
 63 100
 112 2.3 4.1 6.1#



#39
 cis-1,3-Dichloropropene
 Concen: 0.234 ug/L
 RT: 8.37 min Scan# 1195
 Delta R.T. -0.04 min
 Lab File: VX018669.D
 Acq: 29 Sep 2020 20:41

Tgt Ion: 75 Resp: 3867
 Ion Ratio Lower Upper
 75 100
 77 21.9 23.0 42.8#





#60

1,1,2,2-Tetrachloroethane

Concen: 0.083 ug/L

RT: 11.24 min Scan# 1665

Delta R.T. -0.01 min

Lab File: VX018669.D

Acq: 29 Sep 2020 20:41

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 83 Resp: 781

Ion Ratio Lower Upper

83 100

85 111.9 48.5 90.1#

131 183.2 7.8 11.6#

