

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092820\
 Data File : VX018624.D
 Acq On : 28 Sep 2020 18:54
 Operator : JC/SP
 Sample : L4135-04
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG478

Quant Time: Sep 29 02:39:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 29 02:30:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	254999	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	242071	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	112656	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	68668	5.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.00%
7) Chloroethane-d5	1.70	69	56612	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.60%
11) 1,1-Dichloroethene-d2	2.34	63	117531	3.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.80%
20) 2-Butanone-d5	4.55	46	185290	54.46	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.92%
24) Chloroform-d	5.14	84	157398	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
26) 1,2-Dichloroethane-d4	6.03	65	86561	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
32) Benzene-d6	6.05	84	288409	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
36) 1,2-Dichloropropane-d6	7.37	67	88932	5.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.40%
41) Toluene-d8	8.70	98	265798	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
45) trans-1,3-Dichloropropene-	8.99	79	36463	4.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.20%
48) 2-Hexanone-d5	9.43	63	146584	54.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.10%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	65151	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.80%
65) 1,2-Dichlorobenzene-d4	12.36	152	99961	5.43	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.60%

Target Compounds

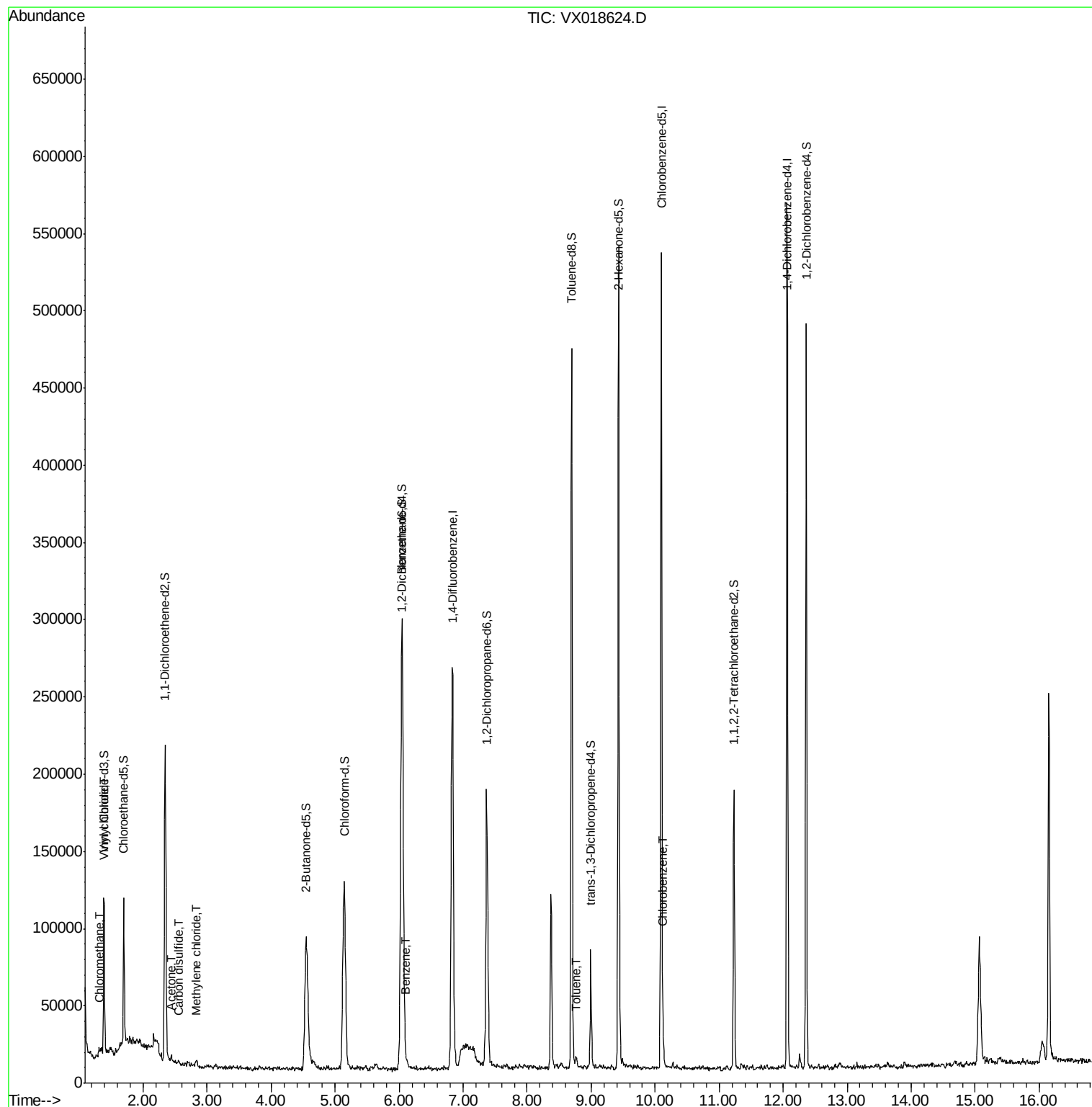
					Ovalue
3) Chloromethane	1.31	50	1389	0.105 ug/L #	81
5) Vinyl chloride	1.40	62	759	0.055 ug/L #	1
13) Acetone	2.44	43	5541	2.942 ug/L	88
14) Carbon disulfide	2.55	76	3900	0.103 ug/L #	93
16) Methylene chloride	2.83	84	2549	0.150 ug/L	84
33) Benzene	6.10	78	4991	0.107 ug/L	100
42) Toluene	8.76	91	4452	0.088 ug/L	86
53) Chlorobenzene	10.12	112	7705	0.231 ug/L #	88

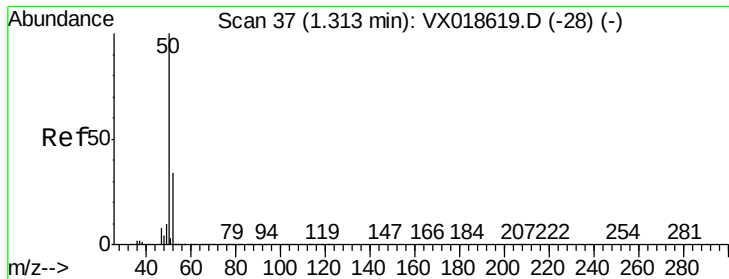
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.105 ug/L

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018624.D

Acq: 28 Sep 2020 18:54

Instrument :

MSVOA_X

ClientSampled :

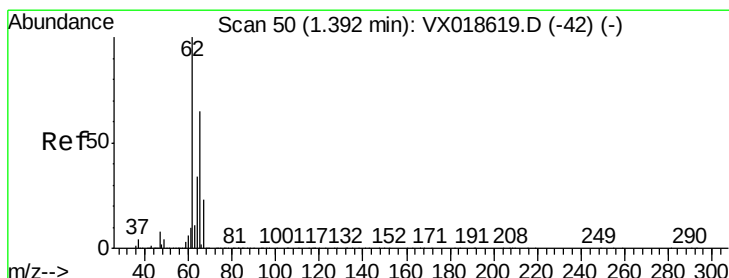
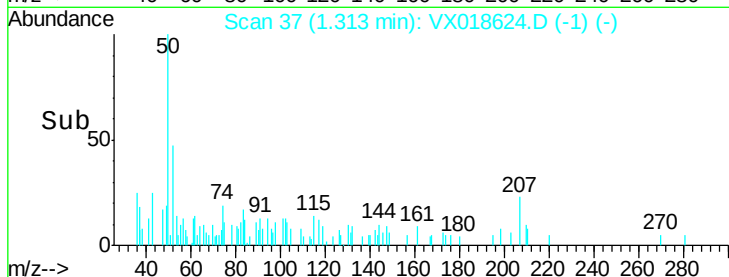
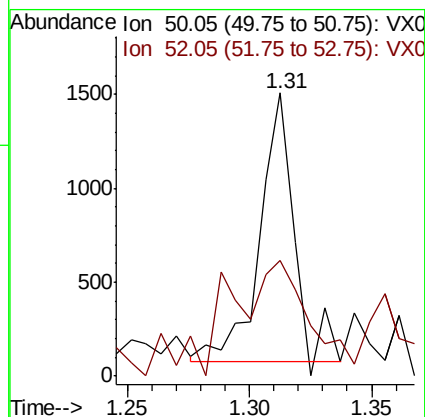
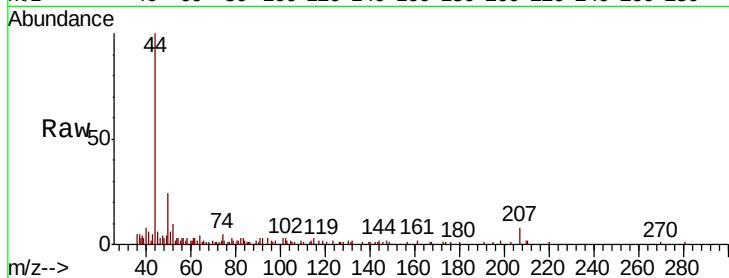
BG478

Tot Ion: 50 Resp: 1389

Ion Ratio Lower Upper

50 100

52 40.8 21.2 39.4#



#5

Vinyl chloride

Concen: 0.055 ug/L

RT: 1.40 min Scan# 51

Delta R.T. 0.01 min

Lab File: VX018624.D

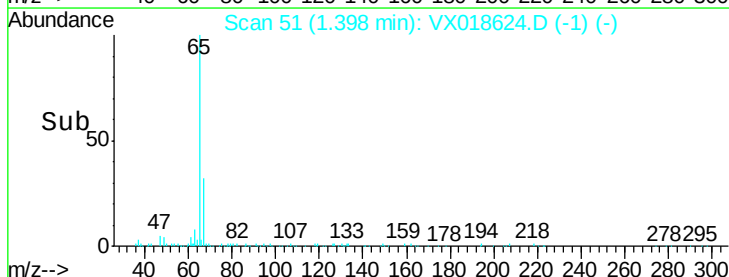
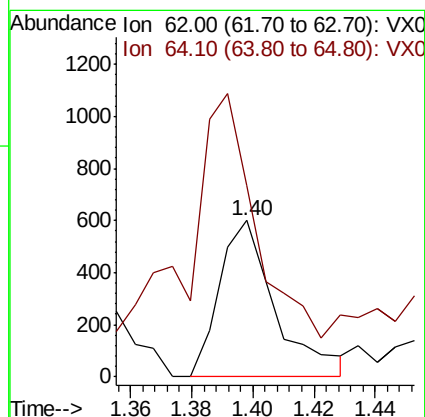
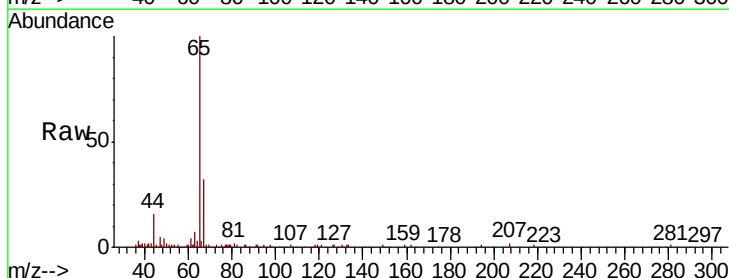
Acq: 28 Sep 2020 18:54

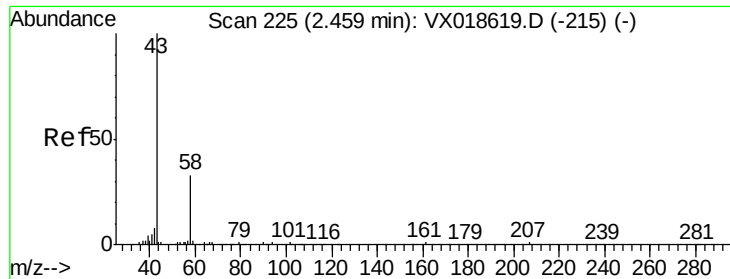
Tgt Ion: 62 Resp: 759

Ion Ratio Lower Upper

62 100

64 121.8 23.6 43.8#





#13

Acetone

Concen: 2.942 ug/L

RT: 2.44 min Scan# 222

Delta R.T. -0.02 min

Lab File: VX018624.D

Acq: 28 Sep 2020 18:54

Instrument :

MSVOA_X

ClientSampleId :

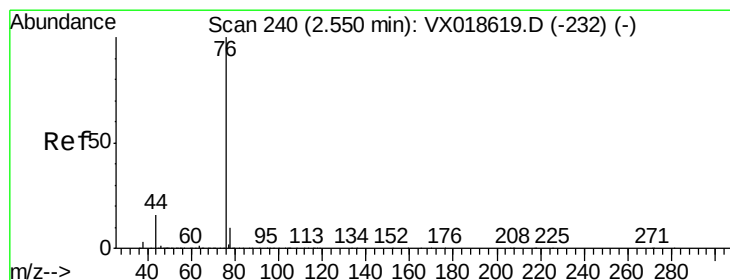
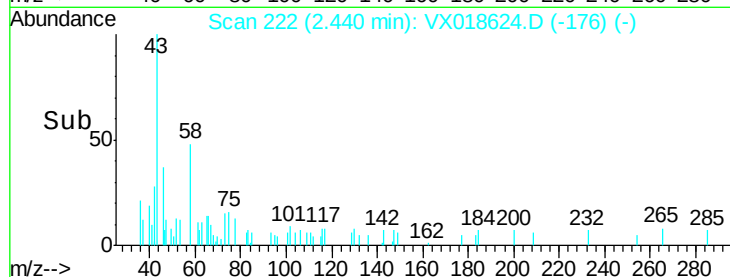
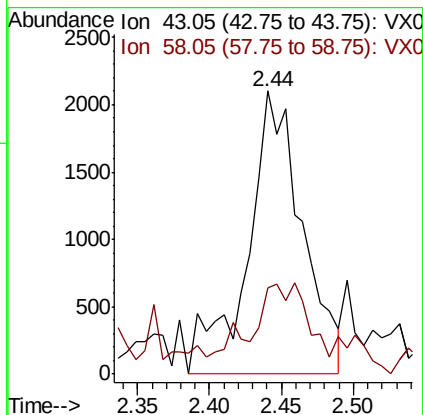
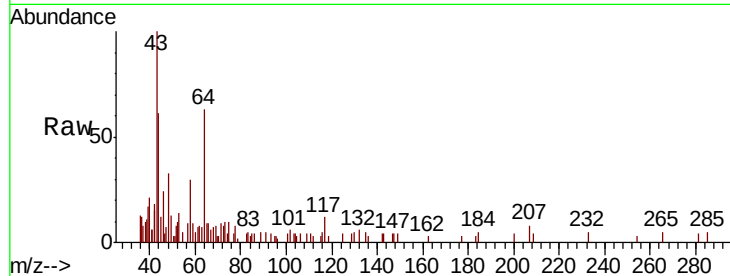
BG478

Tot Ion: 43 Resp: 5541

Ion Ratio Lower Upper

43 100

58 24.0 0.0 61.6



#14

Carbon disulfide

Concen: 0.103 ug/L

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX018624.D

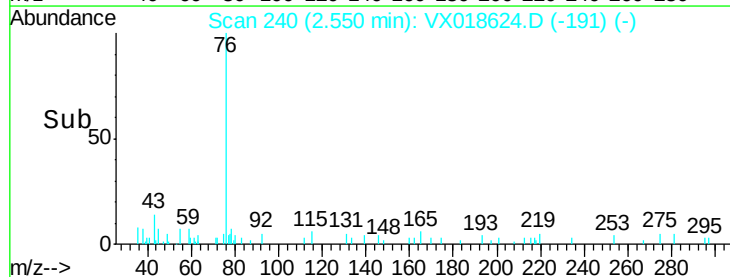
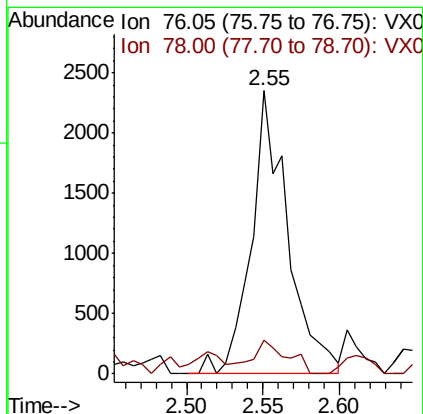
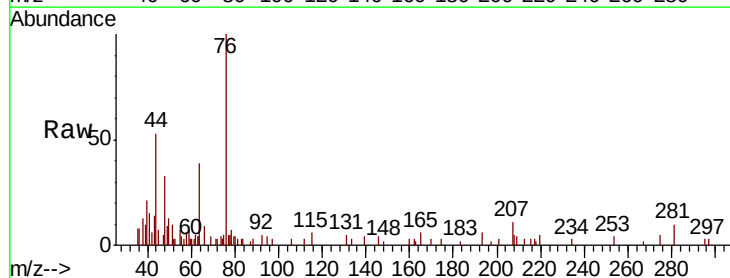
Acq: 28 Sep 2020 18:54

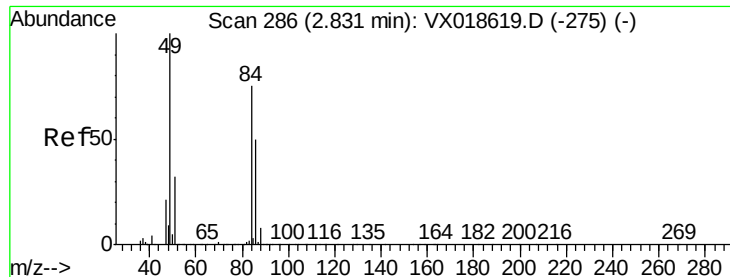
Tgt Ion: 76 Resp: 3900

Ion Ratio Lower Upper

76 100

78 11.9 7.4 11.0#

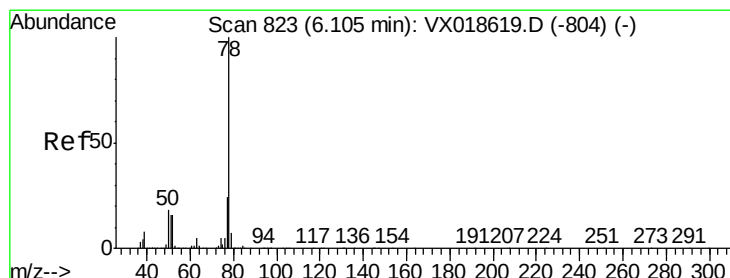
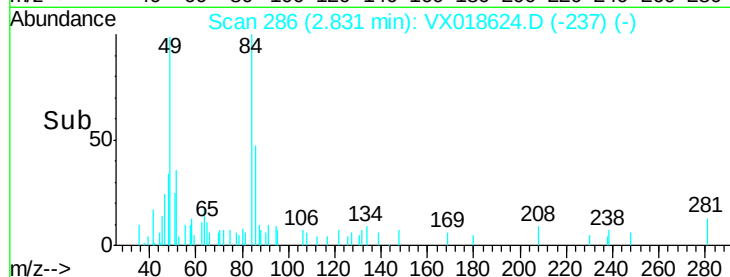
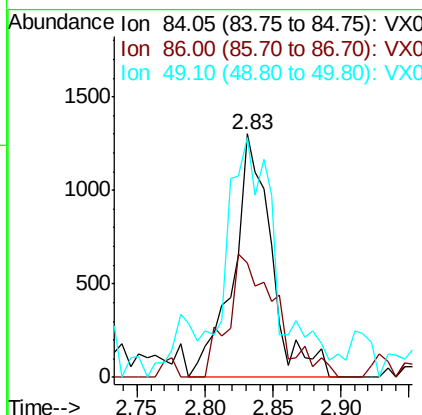
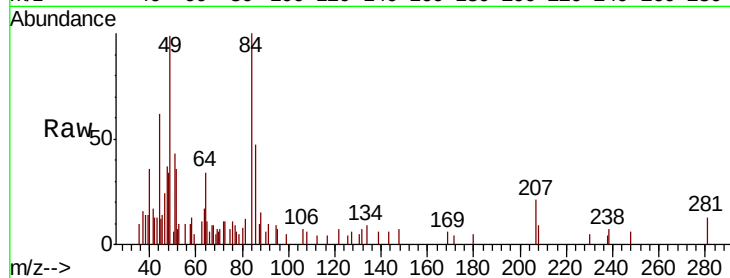




#16
Methvlene chloride
Concen: 0.150 ug/L
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX018624.D
Acq: 28 Sep 2020 18:54

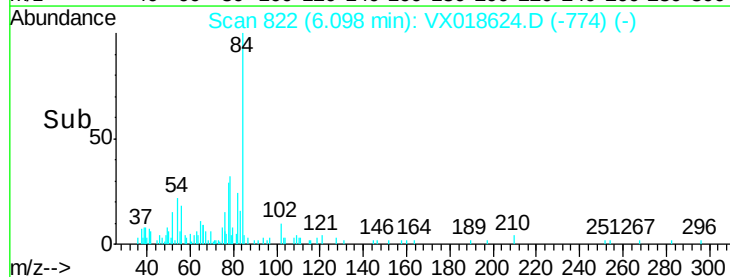
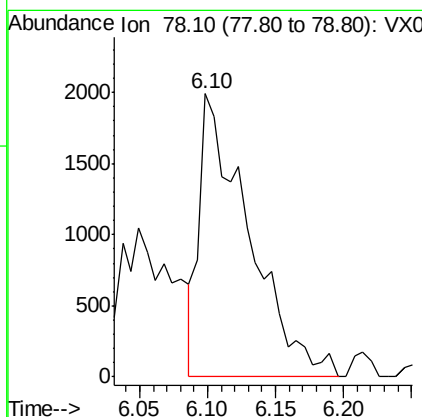
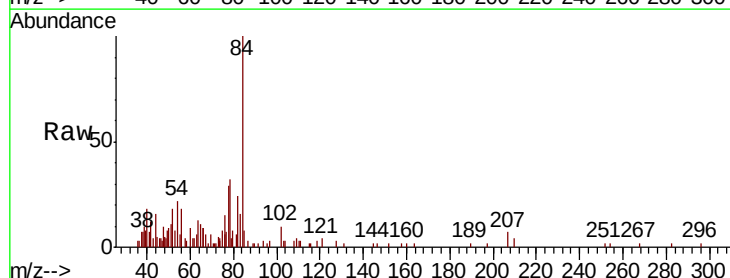
Instrument :
MSVOA_X
ClientSampleId :
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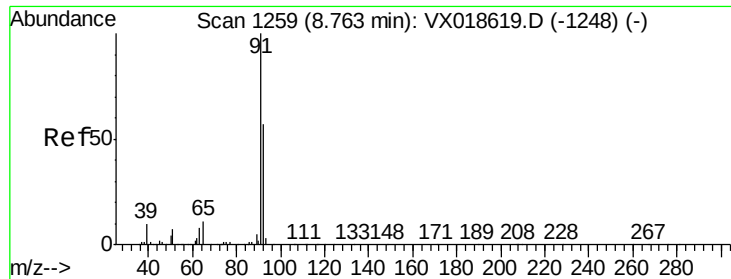
Tot Ion: 84 Resp: 2549
Ion Ratio Lower Upper
84 100
86 47.1 41.9 77.7
49 98.7 80.8 150.2



#33
Benzene
Concen: 0.107 ug/L
RT: 6.10 min Scan# 822
Delta R.T. -0.01 min
Lab File: VX018624.D
Acq: 28 Sep 2020 18:54

Tgt Ion: 78 Resp: 4991





#42

Toluene

Concen: 0.088 ug/L

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX018624.D

Acq: 28 Sep 2020 18:54

Instrument :

MSVOA_X

ClientSampleId :

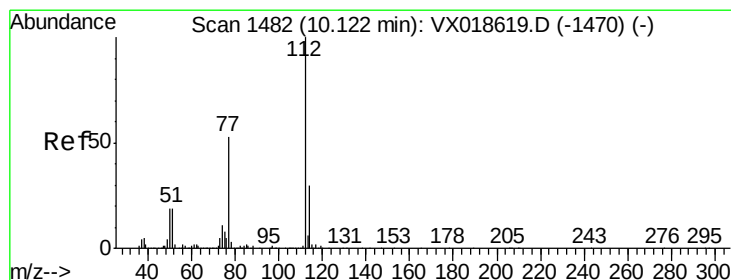
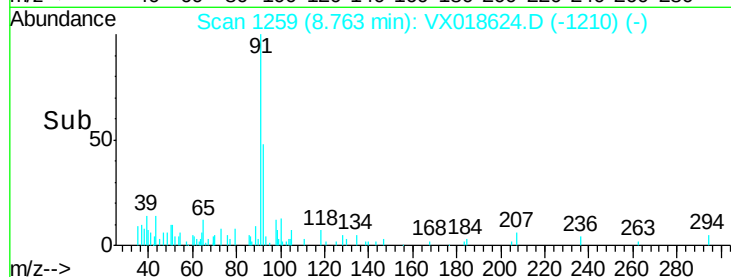
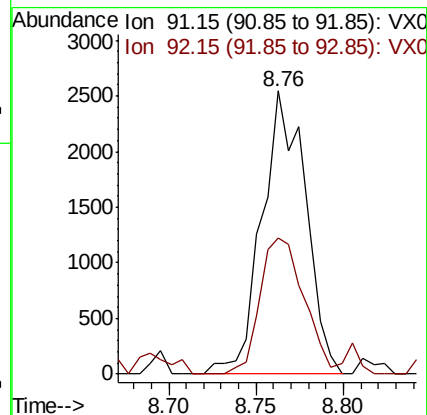
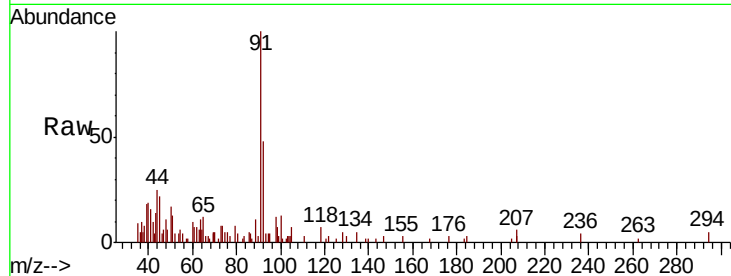
BG478

Tot Ion: 91 Resp: 4452

Ion Ratio Lower Upper

91 100

92 48.0 41.1 76.3



#53

Chlorobenzene

Concen: 0.231 ug/L

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX018624.D

Acq: 28 Sep 2020 18:54

Tgt Ion: 112 Resp: 7705

Ion Ratio Lower Upper

112 100

114 28.6 20.6 38.4

77 71.2 46.6 69.8#

