

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092321\
 Data File : VV022280.D
 Acq On : 23 Sep 2021 13:42
 Operator : SY/MD
 Sample : M3814-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 24 03:44:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 24 03:31:01 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

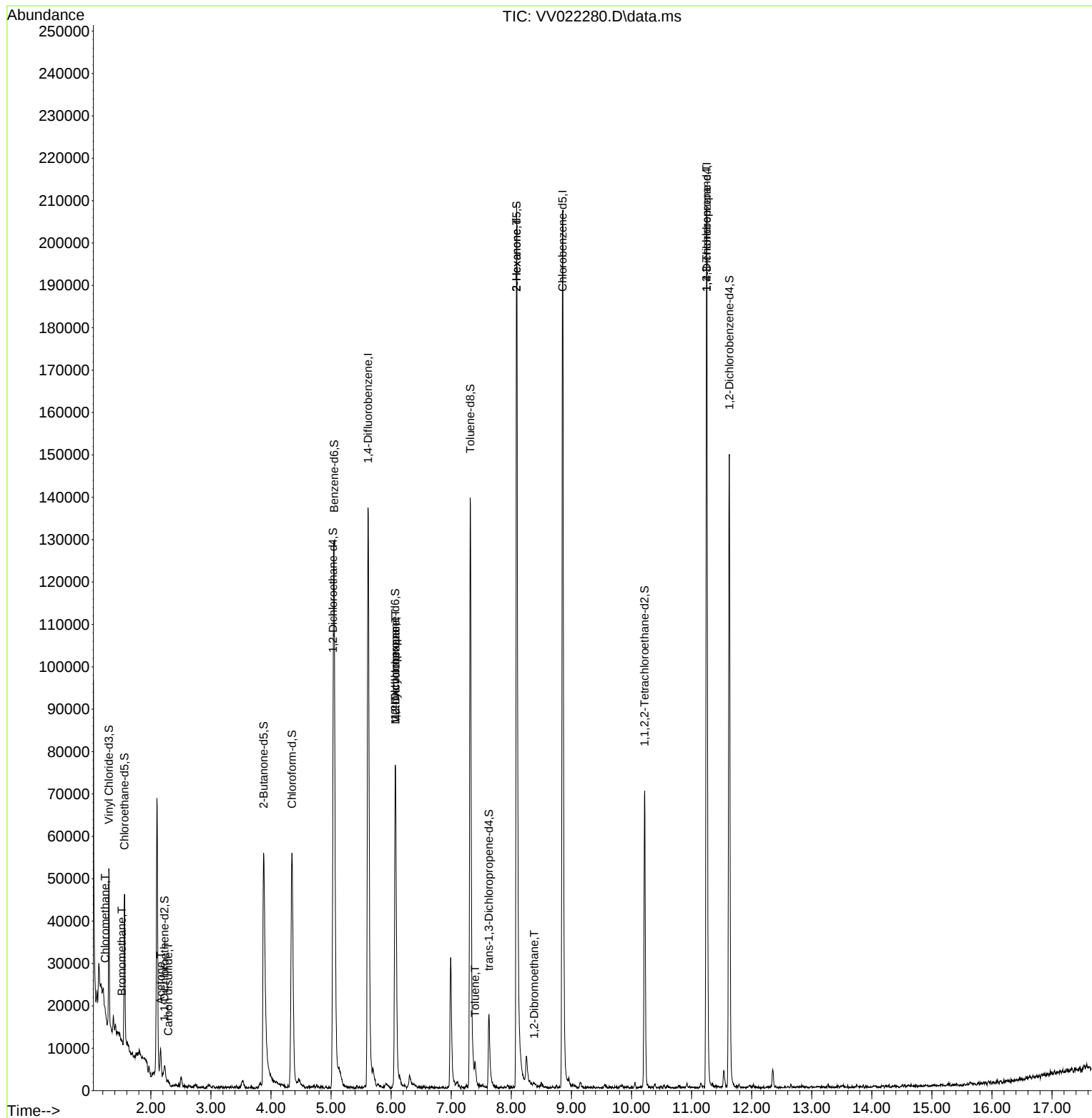
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	119003	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	119161	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	55921	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	23248	3.877	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.600%
7) Chloroethane-d5	1.561	69	22284	3.176	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	63.600%#
11) 1,1-Dichloroethene-d2	2.227	63	3026	0.212	ug/L	0.12
Spiked Amount	5.000	Range	60 - 125	Recovery	=	4.200%#
20) 2-Butanone-d5	3.876	46	94925	38.738	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.480%
24) Chloroform-d	4.349	84	58287	3.389	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	67.800%#
26) 1,2-Dichloroethane-d4	5.034	65	30902	3.761	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.200%
32) Benzene-d6	5.050	84	111842	3.338	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	66.800%#
36) 1,2-Dichloropropane-d6	6.069	67	39653	3.790	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	75.800%
41) Toluene-d8	7.317	98	97318	3.216	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	64.400%#
43) trans-1,3-Dichloroprop...	7.625	79	11381	3.561	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.200%
46) 2-Hexanone-d5	8.088	63	74369	37.425	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.860%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	33184	3.767	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	75.400%
66) 1,2-Dichlorobenzene-d4	11.628	152	40984	3.905	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	78.000%#
Target Compounds						Qvalue
3) Chloromethane	1.237	50	555	0.060	ug/L	97
6) Bromomethane	1.516	94	308	0.054	ug/L	81
13) Acetone	2.163	43	6943	4.997	ug/L	99
14) Carbon disulfide	2.288	76	1308	0.058	ug/L #	74
35) Methylcyclohexane	6.072	83	9153	0.720	ug/L #	19
37) 1,2-Dichloropropane	6.072	63	4535	0.573	ug/L #	87
42) Toluene	7.394	91	3740	0.113	ug/L	97
48) 2-Hexanone	8.088	43	8840	2.467	ug/L #	72
50) 1,2-Dibromoethane	8.381	107	510	0.092	ug/L #	8
61) 1,2,3-Trichloropropane	11.249	75	6646	1.370	ug/L #	65

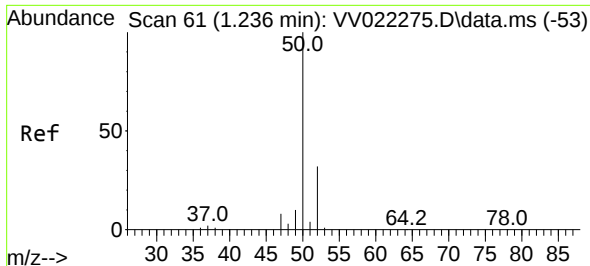
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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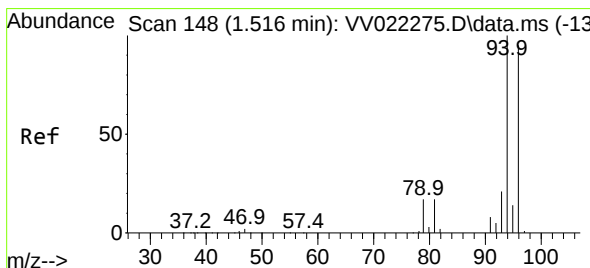
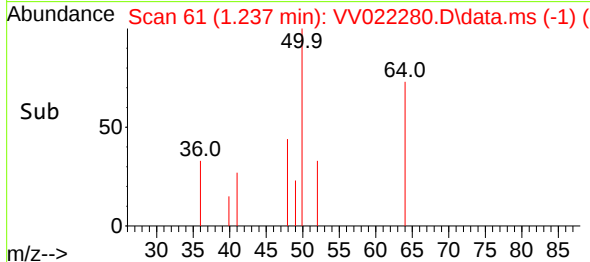
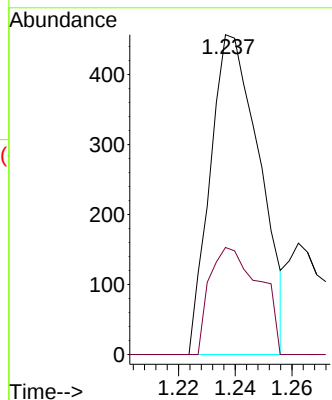
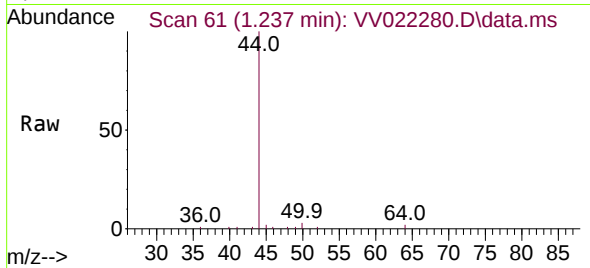




#3
Chloromethane
Concen: 0.060 ug/L
RT: 1.237 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV022280.D
Acq: 23 Sep 2021 13:42

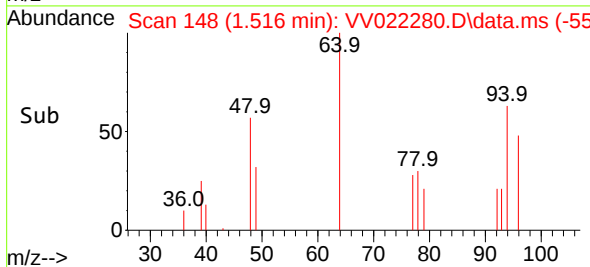
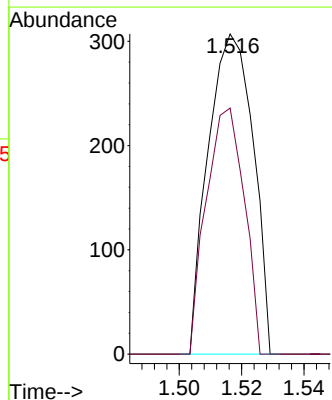
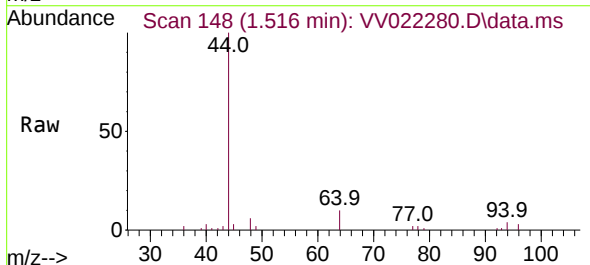
Instrument :
MSVOA_V
ClientSampled :

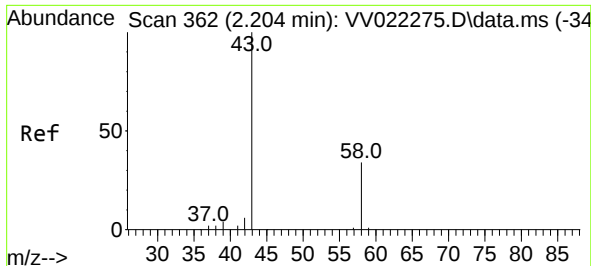
Tgt Ion: 50 Resp: 555
Ion Ratio Lower Upper
50 100
52 33.5 22.2 41.2



#6
Bromomethane
Concen: 0.054 ug/L
RT: 1.516 min Scan# 148
Delta R.T. 0.000 min
Lab File: VV022280.D
Acq: 23 Sep 2021 13:42

Tgt Ion: 94 Resp: 308
Ion Ratio Lower Upper
94 100
96 76.9 66.6 123.8

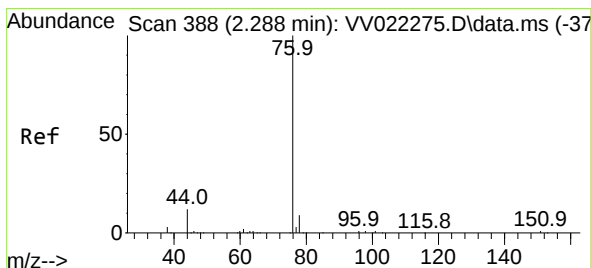
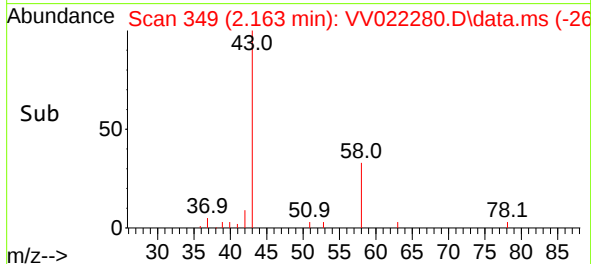
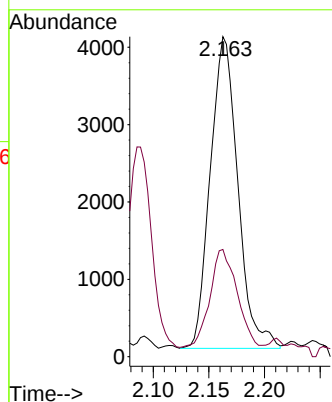
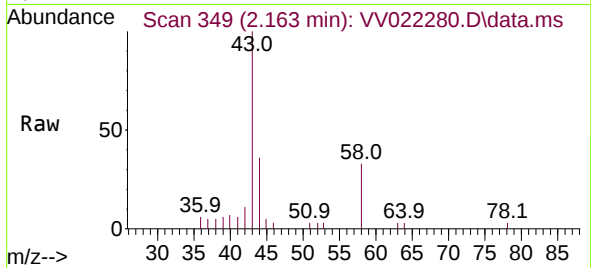




#13
Acetone
Concen: 4.997 ug/L
RT: 2.163 min Scan# 349
Delta R.T. -0.042 min
Lab File: VV022280.D
Acq: 23 Sep 2021 13:42

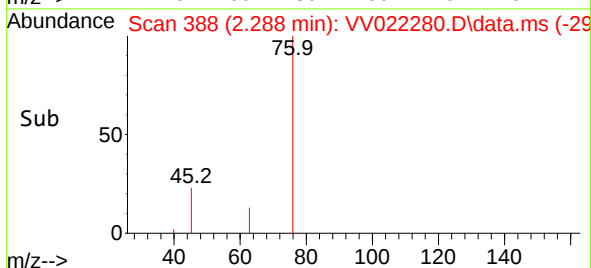
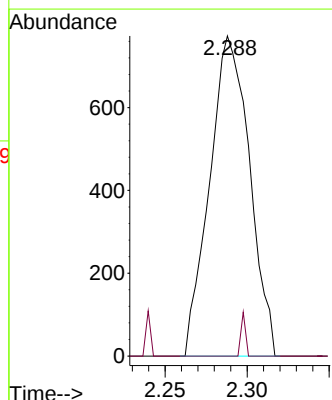
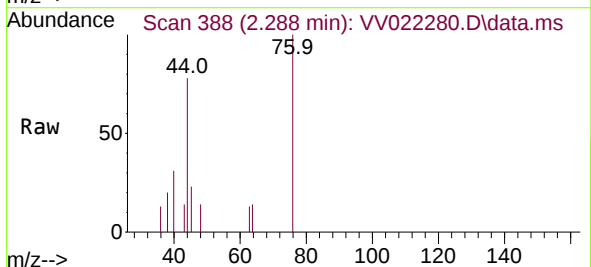
Instrument :
MSVOA_V
ClientSampled :

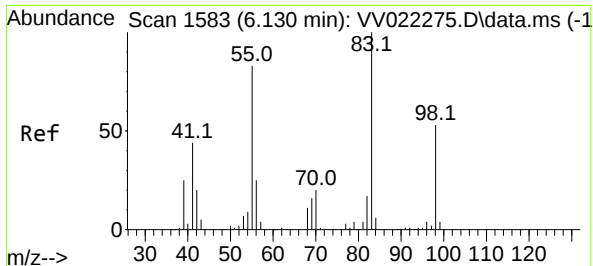
Tgt Ion: 43 Resp: 6943
Ion Ratio Lower Upper
43 100
58 32.4 0.0 66.2



#14
Carbon disulfide
Concen: 0.058 ug/L
RT: 2.288 min Scan# 388
Delta R.T. 0.000 min
Lab File: VV022280.D
Acq: 23 Sep 2021 13:42

Tgt Ion: 76 Resp: 1308
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#





#35

Methylcyclohexane

Concen: 0.720 ug/L

RT: 6.072 min Scan# 1565

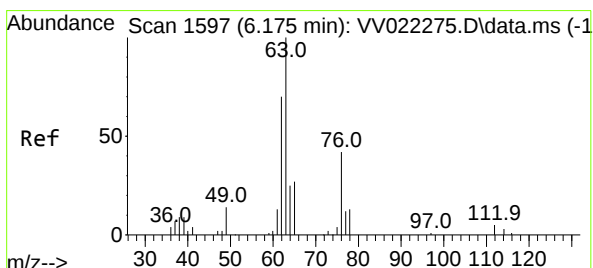
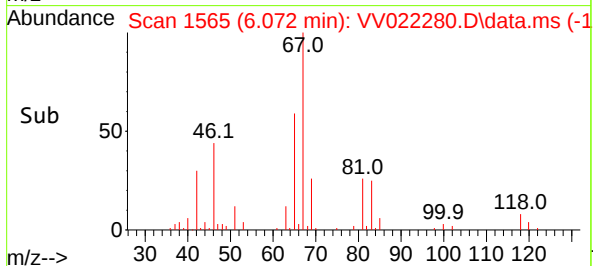
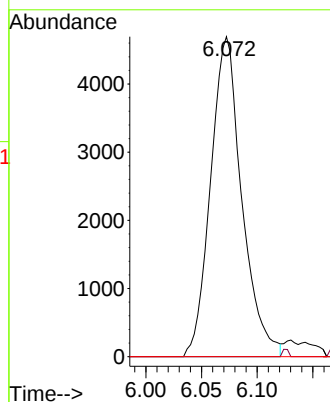
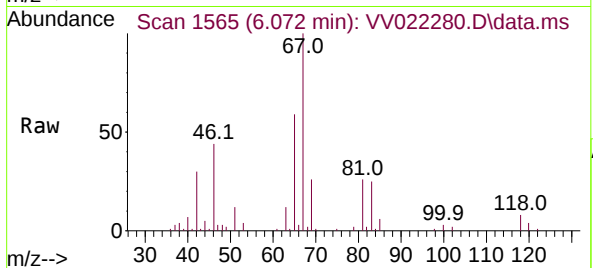
Delta R.T. -0.058 min

Lab File: VV022280.D

Acq: 23 Sep 2021 13:42

Tgt Ion:	83	Resp:	9153
Ion	Ratio	Lower	Upper
83	100		
55	0.4	60.2	90.2#
98	1.6	39.5	59.3#

Instrument :
MSVOA_V
ClientSampled :



#37

1,2-Dichloropropane

Concen: 0.573 ug/L

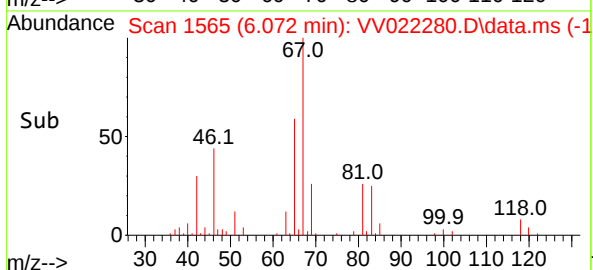
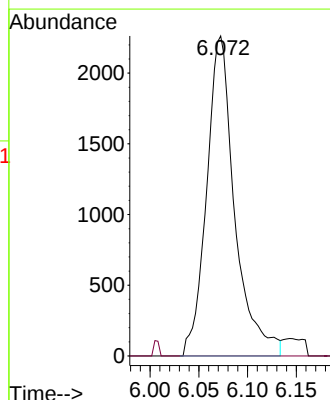
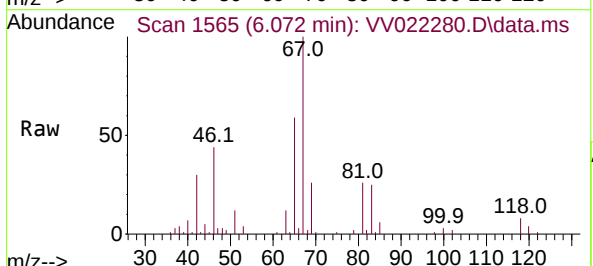
RT: 6.072 min Scan# 1565

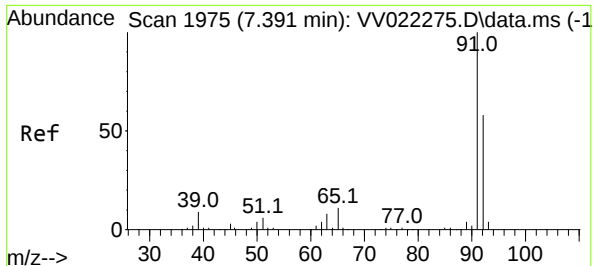
Delta R.T. -0.103 min

Lab File: VV022280.D

Acq: 23 Sep 2021 13:42

Tgt Ion:	63	Resp:	4535
Ion	Ratio	Lower	Upper
63	100		
112	0.9	4.2	6.2#





#42

Toluene

Concen: 0.113 ug/L

RT: 7.394 min Scan# 1976

Delta R.T. 0.003 min

Lab File: VV022280.D

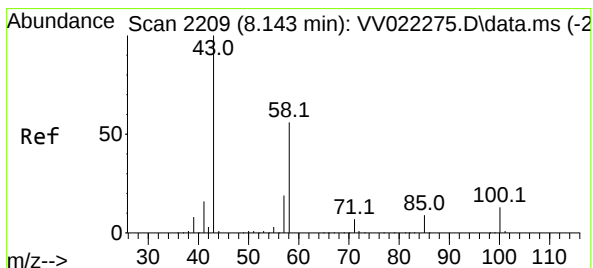
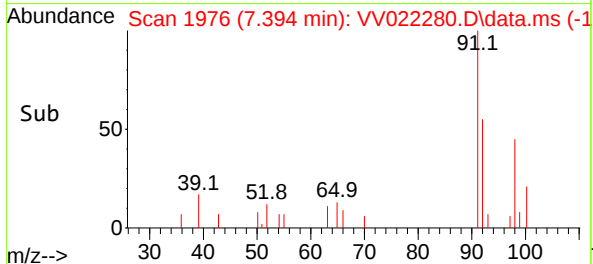
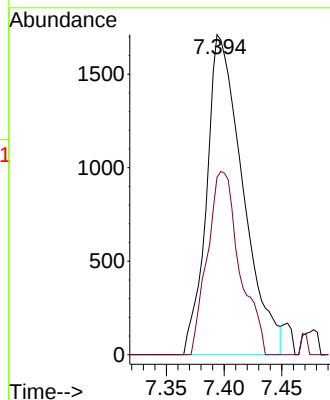
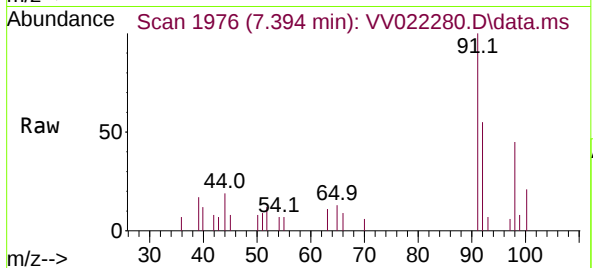
Acq: 23 Sep 2021 13:42

Tgt Ion: 91 Resp: 3740

Ion Ratio Lower Upper

91 100

92 55.5 40.6 75.4



#48

2-Hexanone

Concen: 2.467 ug/L

RT: 8.088 min Scan# 2192

Delta R.T. -0.055 min

Lab File: VV022280.D

Acq: 23 Sep 2021 13:42

Tgt Ion: 43 Resp: 8840

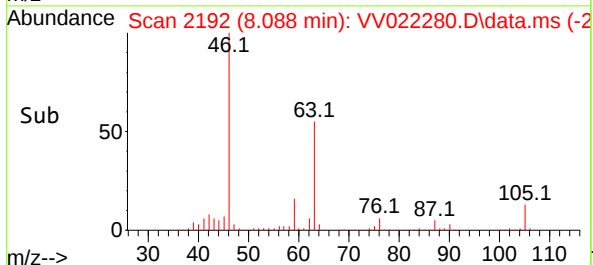
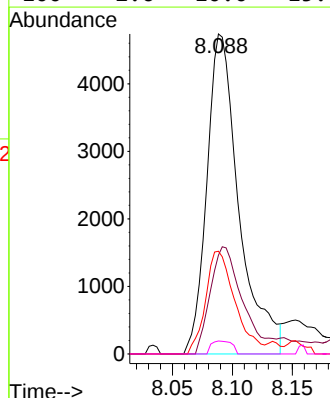
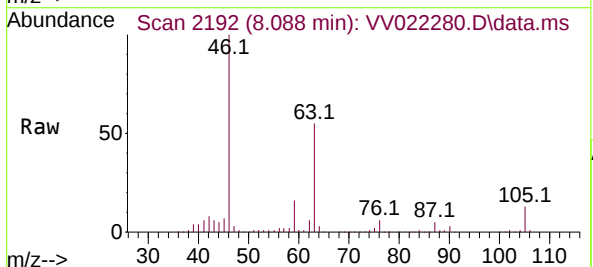
Ion Ratio Lower Upper

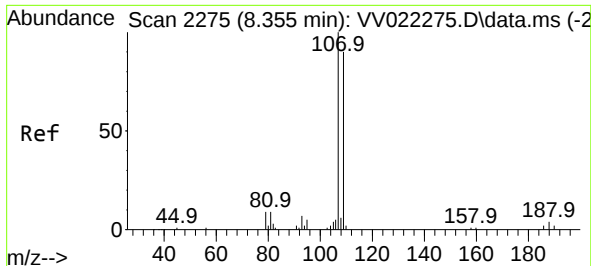
43 100

58 34.2 44.1 66.1#

57 29.6 14.2 21.4#

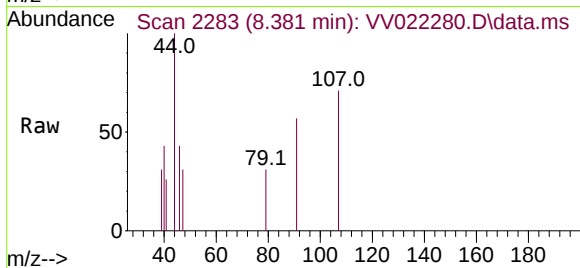
100 2.6 10.0 15.0#



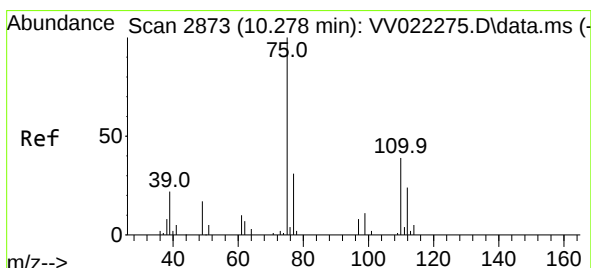
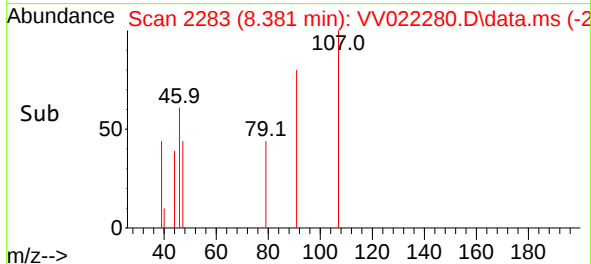
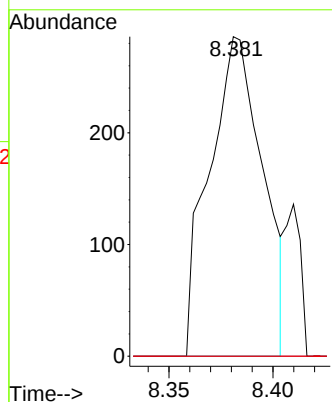


#50
1,2-Dibromoethane
Concen: 0.092 ug/L
RT: 8.381 min Scan# 2283
Delta R.T. 0.026 min
Lab File: VV022280.D
Acq: 23 Sep 2021 13:42

Instrument :
MSVOA_V
ClientSampled :



Tgt Ion:107 Resp: 510
Ion Ratio Lower Upper
107 100
109 0.0 62.8 116.6#
188 0.0 2.8 4.2#



#61
1,2,3-Trichloropropane
Concen: 1.370 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.971 min
Lab File: VV022280.D
Acq: 23 Sep 2021 13:42

Tgt Ion: 75 Resp: 6646
Ion Ratio Lower Upper
75 100
77 33.5 25.5 38.3
110 2.2 31.7 47.5#

