

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040224\
 Data File : VU058344.D
 Acq On : 02 Apr 2024 18:07
 Operator : MD/SY
 Sample : P1912-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 03 02:05:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 03 01:56:26 2024
 Response via : Initial Calibration

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

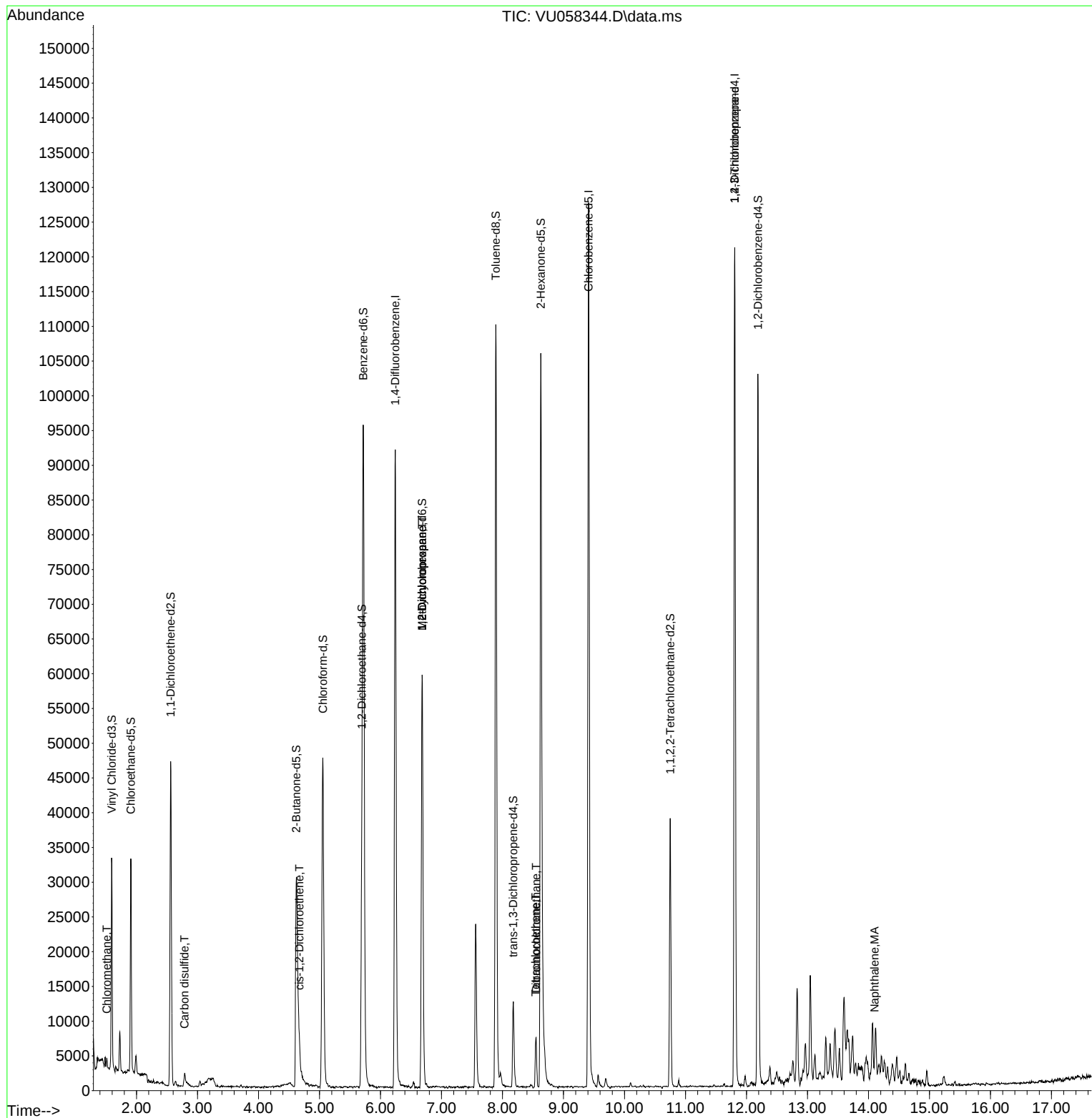
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	73151	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	71238	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	32075	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	20730	3.353	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.000%
7) Chloroethane-d5	1.907	69	20513	4.065	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.400%
11) 1,1-Dichloroethene-d2	2.560	65	8935	3.481	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.600%
20) 2-Butanone-d5	4.621	46	49037	44.651	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.300%
24) Chloroform-d	5.055	84	45015	4.073	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.400%
26) 1,2-Dichloroethane-d4	5.695	65	22856	4.424	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
32) Benzene-d6	5.718	84	91066	3.936	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.800%
36) 1,2-Dichloropropane-d6	6.682	67	29384	4.309	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.200%
41) Toluene-d8	7.891	98	75317	3.674	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.400%
43) trans-1,3-Dichloroprop...	8.177	79	7920	3.625	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.400%
46) 2-Hexanone-d5	8.627	63	37496	42.374	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.740%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	19880	4.475	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	26428	4.425	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.512	50	1041	0.271	ug/L	85
14) Carbon disulfide	2.788	76	1981	0.242	ug/L #	95
22) cis-1,2-Dichloroethene	4.669	96	1415	0.299	ug/L	86
35) Methylcyclohexane	6.682	83	6156	0.906	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	3102	0.593	ug/L #	90
47) Tetrachloroethene	8.544	164	1598	0.489	ug/L	92
49) Dibromochloromethane	8.550	129	1698	0.471	ug/L #	10
61) 1,2,3-Trichloropropane	11.807	75	4462	1.661	ug/L #	67
71) Naphthalene	14.100	128	1779	0.279	ug/L #	80

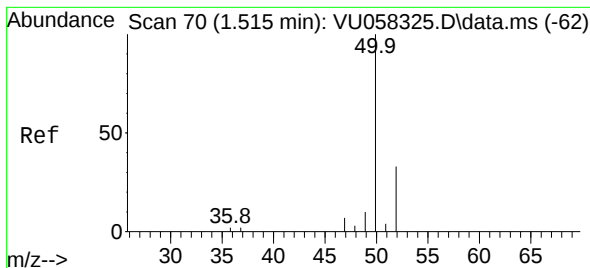
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040224\
Data File : VU058344.D
Acq On : 02 Apr 2024 18:07
Operator : MD/SY
Sample : P1912-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Apr 03 02:05:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Apr 03 01:56:26 2024
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.271 ug/L

RT: 1.512 min Scan# 60

Delta R.T. -0.003 min

Lab File: VU058344.D

Acq: 02 Apr 2024 18:07

Instrument :

MSVOA_U

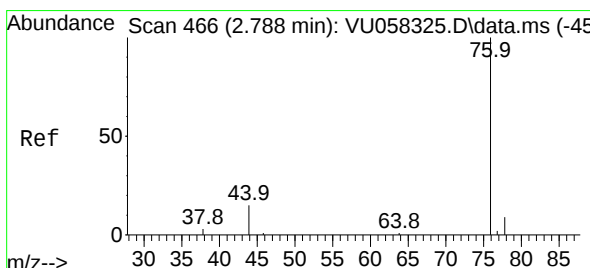
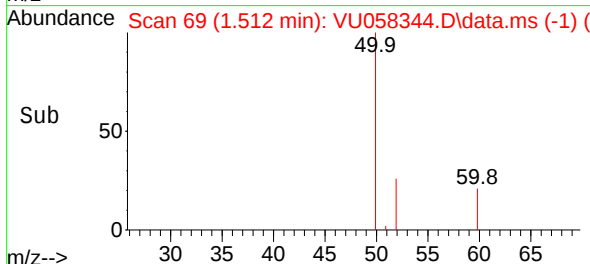
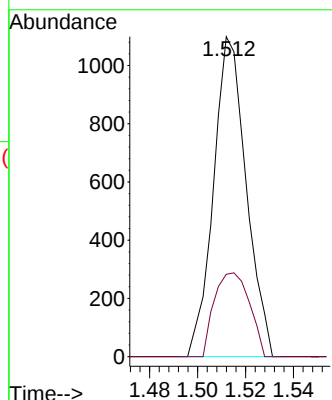
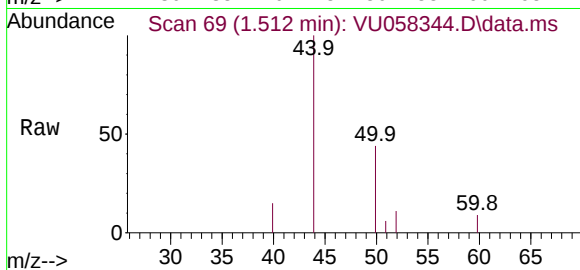
ClientSampleId :

Tgt Ion: 50 Resp: 1041

Ion Ratio Lower Upper

50 100

52 25.8 24.2 45.0



#14

Carbon disulfide

Concen: 0.242 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU058344.D

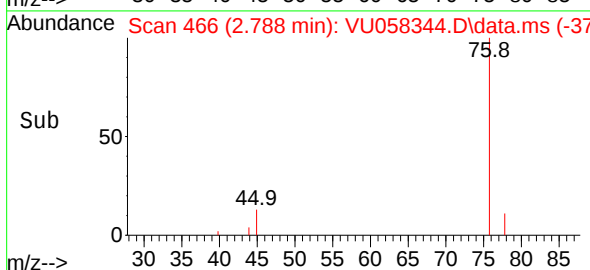
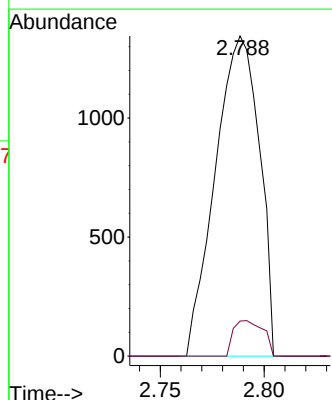
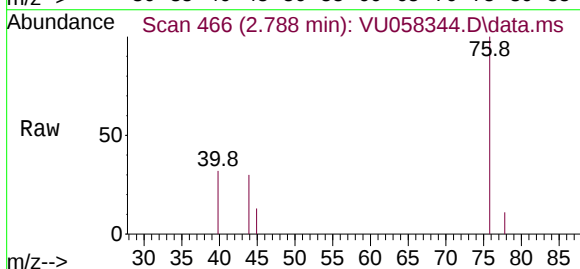
Acq: 02 Apr 2024 18:07

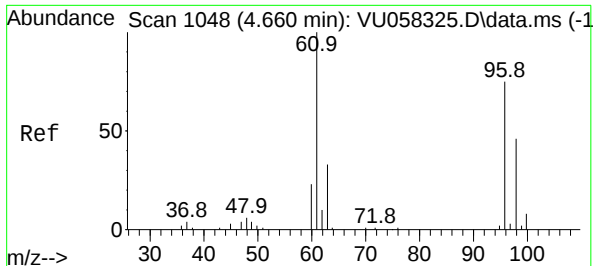
Tgt Ion: 76 Resp: 1981

Ion Ratio Lower Upper

76 100

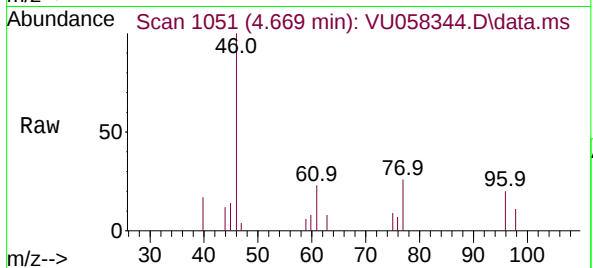
78 10.9 7.2 10.8#



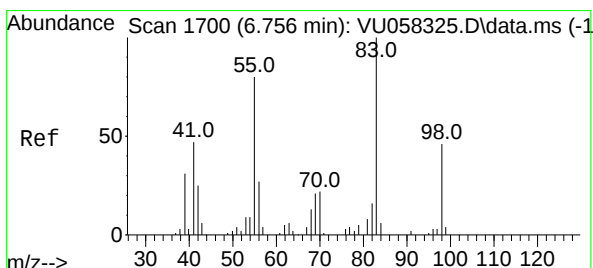
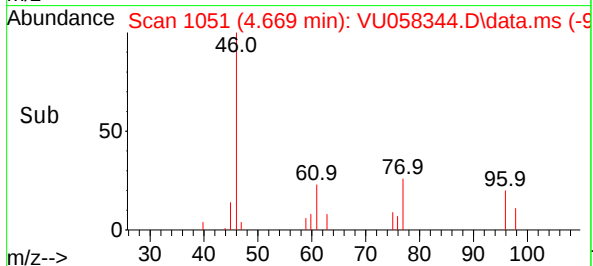
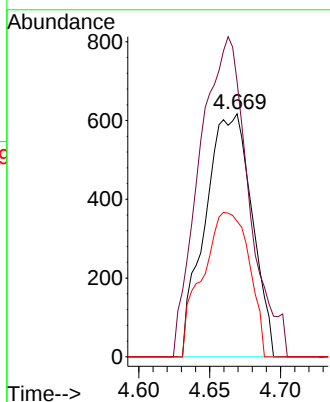


#22
cis-1,2-Dichloroethene
Concen: 0.299 ug/L
RT: 4.669 min Scan# 1048
Delta R.T. 0.010 min
Lab File: VU058344.D
Acq: 02 Apr 2024 18:07

Instrument :
MSVOA_U
ClientSampleId :

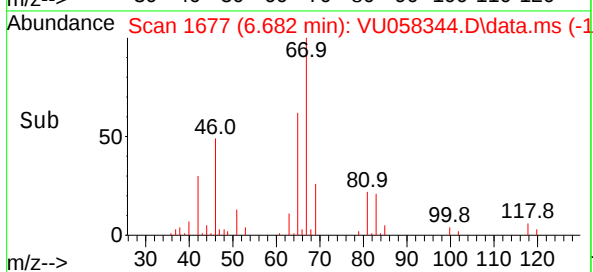
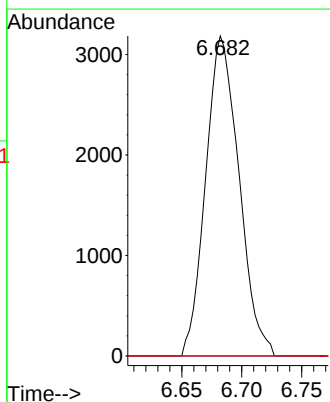
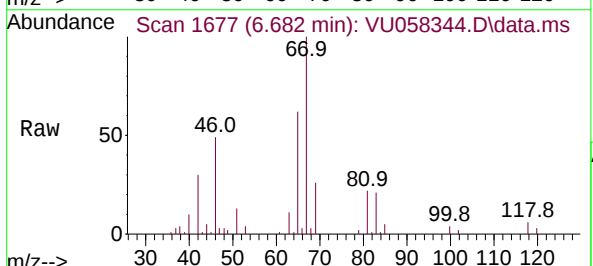


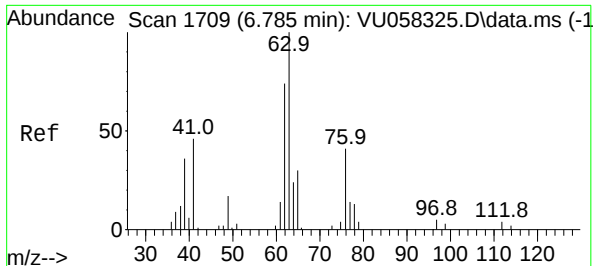
Tgt Ion:	96	Resp:	1415
Ion	Ratio	Lower	Upper
96	100		
61	113.3	92.8	172.4
98	55.8	43.2	80.2



#35
Methylcyclohexane
Concen: 0.906 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU058344.D
Acq: 02 Apr 2024 18:07

Tgt Ion:	83	Resp:	6156
Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.7	94.1#
98	0.0	37.3	55.9#

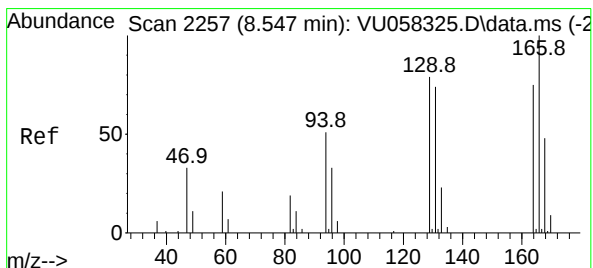
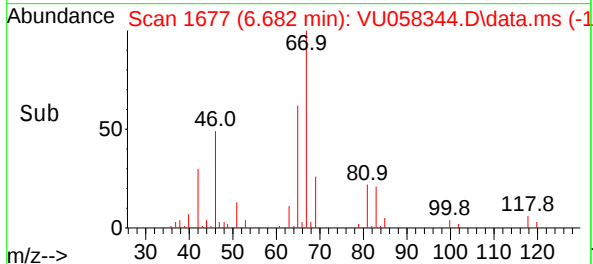
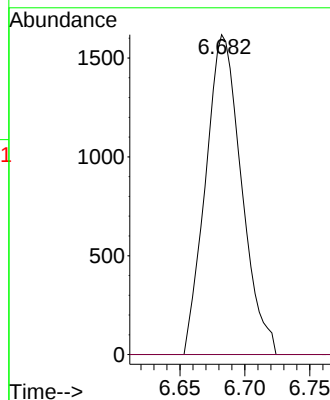
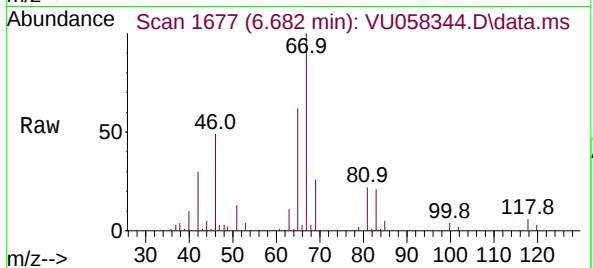




#37
1,2-Dichloropropane
Concen: 0.593 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU058344.D
Acq: 02 Apr 2024 18:07

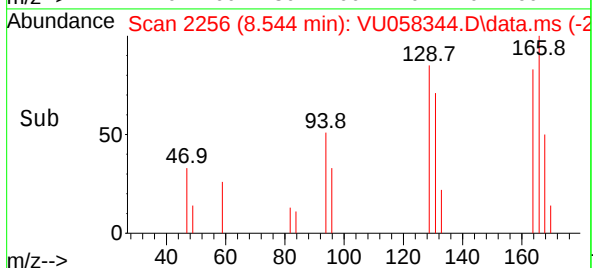
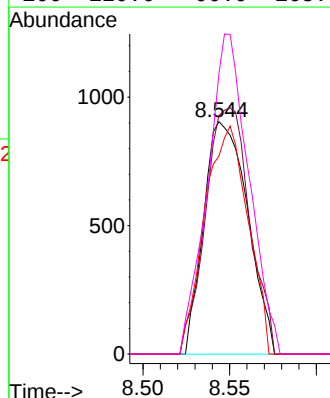
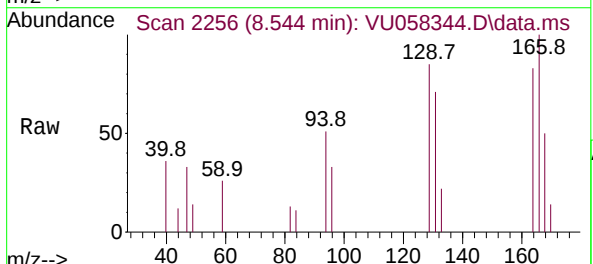
Instrument :
MSVOA_U
ClientSampleId :

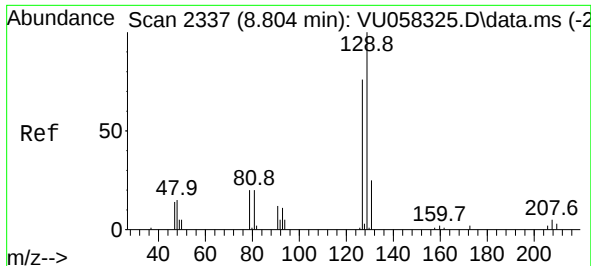
Tgt Ion: 63 Resp: 3102
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#



#47
Tetrachloroethene
Concen: 0.489 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.003 min
Lab File: VU058344.D
Acq: 02 Apr 2024 18:07

Tgt Ion:164 Resp: 1598
Ion Ratio Lower Upper
164 100
129 102.7 71.3 132.3
131 85.2 70.8 131.4
166 120.6 90.9 168.9





#49

Dibromochloromethane

Concen: 0.471 ug/L

RT: 8.550 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU058344.D

Acq: 02 Apr 2024 18:07

Instrument :

MSVOA_U

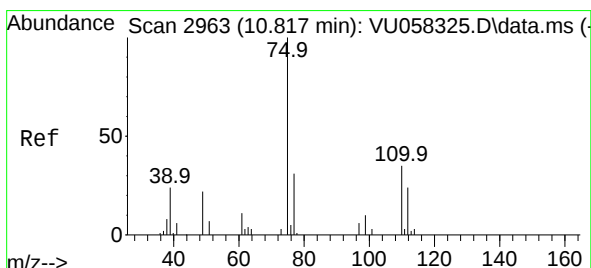
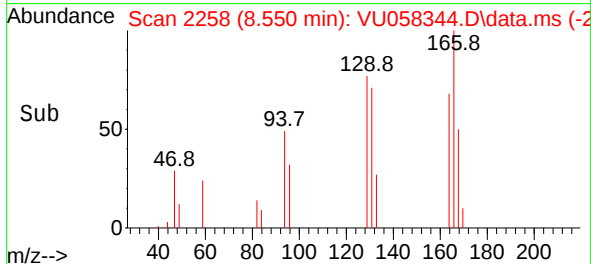
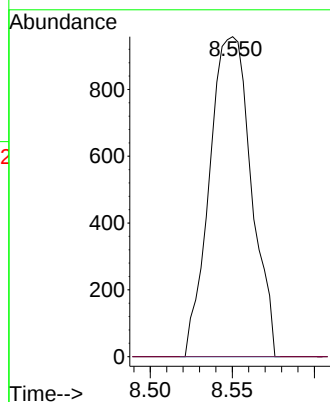
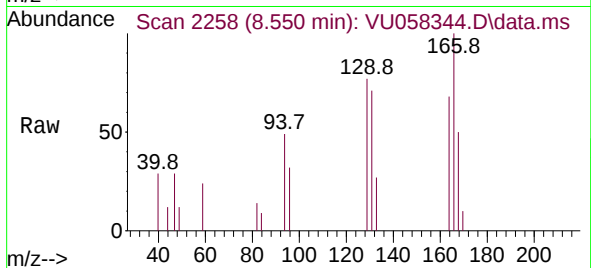
ClientSampleId :

Tgt Ion:129 Resp: 1698

Ion Ratio Lower Upper

129 100

127 0.0 55.7 103.5#



#61

1,2,3-Trichloropropane

Concen: 1.661 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU058344.D

Acq: 02 Apr 2024 18:07

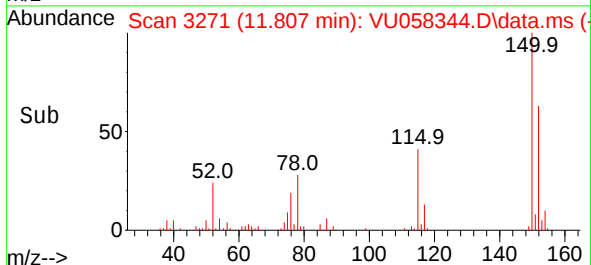
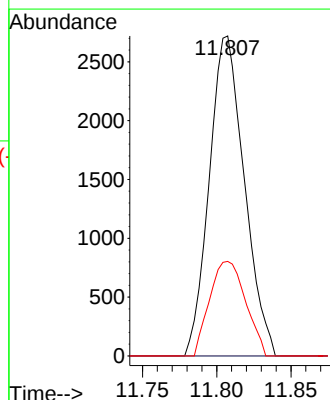
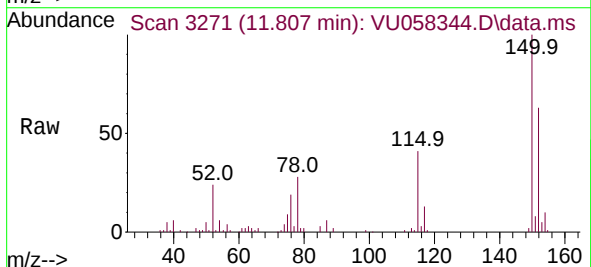
Tgt Ion: 75 Resp: 4462

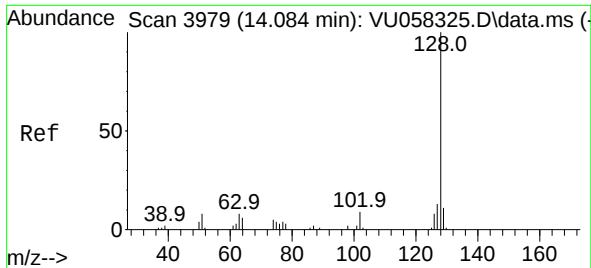
Ion Ratio Lower Upper

75 100

110 0.0 28.1 42.1#

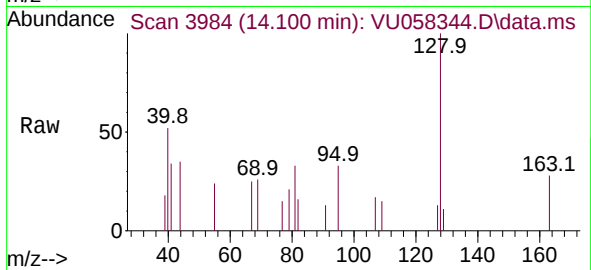
77 30.3 25.1 37.7





#71
Naphthalene
Concen: 0.279 ug/L
RT: 14.100 min Scan# 3979
Delta R.T. 0.016 min
Lab File: VU058344.D
Acq: 02 Apr 2024 18:07

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 1779
Ion Ratio Lower Upper
128 100
129 4.7 8.1 12.1#
127 3.5 10.2 15.4#

