

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121223\
 Data File : VU056818.D
 Acq On : 13 Dec 2023 05:25
 Operator : MD/SY
 Sample : 05684-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E06H8

Quant Time: Dec 13 06:09:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 13 01:32:29 2023
 Response via : Initial Calibration

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

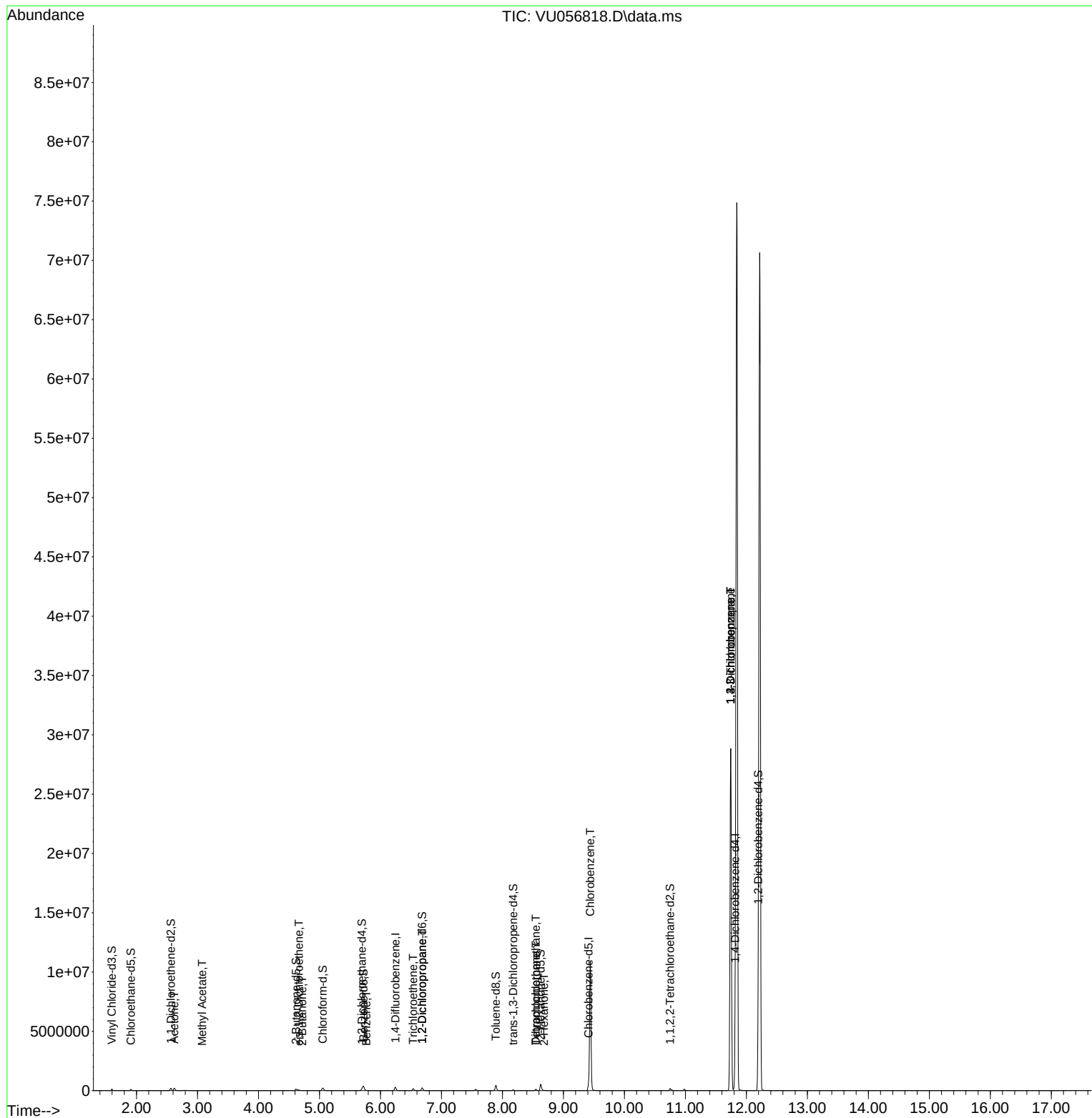
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	235603	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	241257	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	139803	5.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	88223	4.369	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.400%
7) Chloroethane-d5	1.907	69	76236	5.045	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.800%
11) 1,1-Dichloroethene-d2	2.563	65	39739	4.599	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.000%
20) 2-Butanone-d5	4.615	46	201119	50.428	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.860%
24) Chloroform-d	5.055	84	189855	4.965	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
26) 1,2-Dichloroethane-d4	5.695	65	94097	5.200	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.000%
32) Benzene-d6	5.721	84	368078	4.919	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
36) 1,2-Dichloropropane-d6	6.685	67	115669	4.939	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.800%
41) Toluene-d8	7.891	98	304166	4.548	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.000%
43) trans-1,3-Dichloroprop...	8.177	79	40810	4.493	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.800%
46) 2-Hexanone-d5	8.627	63	177940	51.942	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.880%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	85442	5.042	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.800%
66) 1,2-Dichlorobenzene-d4	12.193	152	132745	4.830	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.600%
Target Compounds						Qvalue
13) Acetone	2.618	43	237686	97.793	ug/L	99
15) Methyl Acetate	3.078	43	1297	0.196	ug/L	# 49
21) 2-Butanone	4.717	43	9959	2.430	ug/L	90
22) cis-1,2-Dichloroethene	4.663	96	22598	1.071	ug/L	99
33) Benzene	5.769	78	13153	0.155	ug/L	100
34) Trichloroethene	6.537	95	59002	2.537	ug/L	97
37) 1,2-Dichloropropane	6.682	63	12760	0.588	ug/L	# 88
47) Tetrachloroethene	8.550	164	25944	1.594	ug/L	97
48) 2-Hexanone	8.679	43	7006	0.955	ug/L	# 90
49) Dibromochloromethane	8.547	129	27225	1.615	ug/L	# 11
51) Chlorobenzene	9.441	112	5679550	101.575	ug/L	99
61) 1,2,3-Trichloropropane	11.743	75	4067549	270.968	ug/L	# 49
64) 1,3-Dichlorobenzene	11.743	146	11332394	216.887	ug/L	98
65) 1,4-Dichlorobenzene	11.743	146	11332394	220.265	ug/L	98

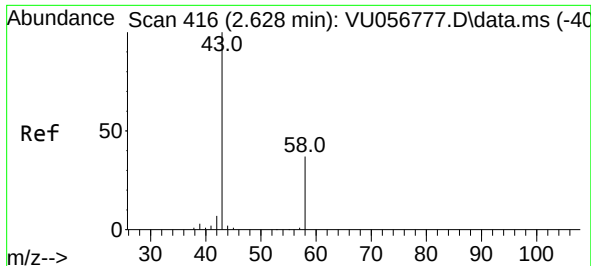
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121223\
Data File : VU056818.D
Acq On : 13 Dec 2023 05:25
Operator : MD/SY
Sample : 05684-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E06H8

Quant Time: Dec 13 06:09:30 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Dec 13 01:32:29 2023
Response via : Initial Calibration





#13

Acetone

Concen: 97.793 ug/L

RT: 2.618 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU056818.D

Acq: 13 Dec 2023 05:25

Instrument :

MSVOA_U

ClientSampleId :

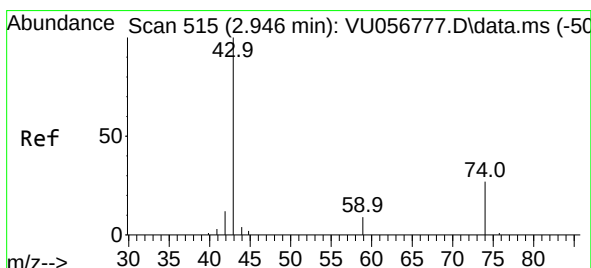
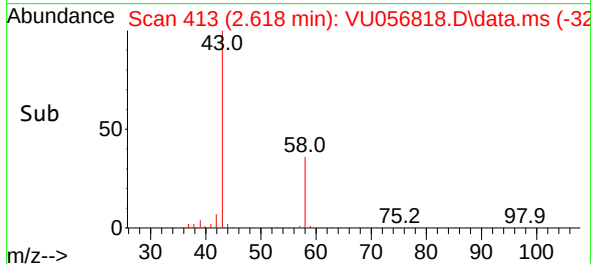
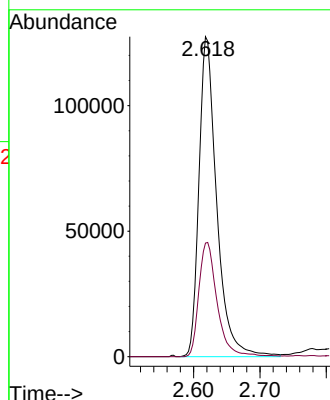
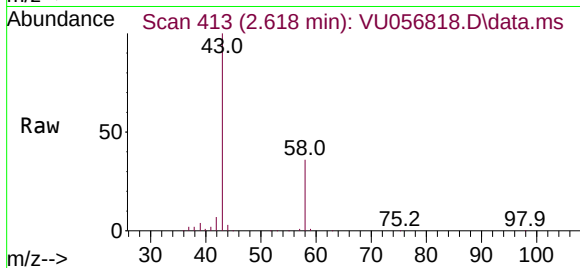
E06H8

Tgt Ion: 43 Resp: 237686

Ion Ratio Lower Upper

43 100

58 36.9 0.0 72.6



#15

Methyl Acetate

Concen: 0.196 ug/L

RT: 3.078 min Scan# 556

Delta R.T. 0.132 min

Lab File: VU056818.D

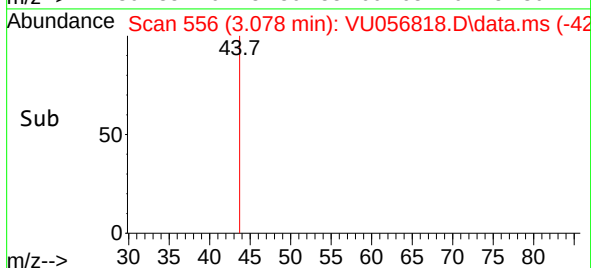
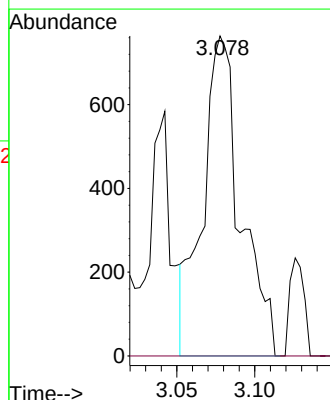
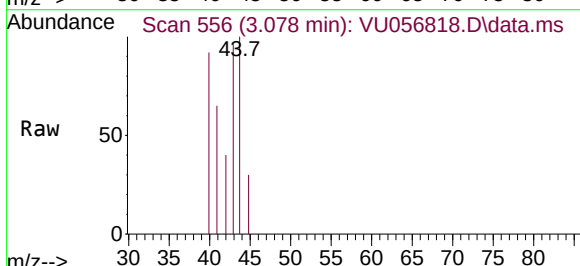
Acq: 13 Dec 2023 05:25

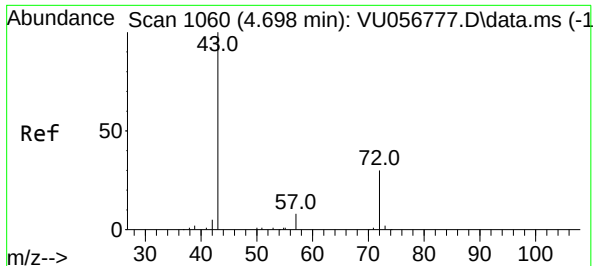
Tgt Ion: 43 Resp: 1297

Ion Ratio Lower Upper

43 100

74 0.0 21.0 31.6#





#21

2-Butanone

Concen: 2.430 ug/L

RT: 4.717 min Scan# 1066

Delta R.T. 0.022 min

Lab File: VU056818.D

Acq: 13 Dec 2023 05:25

Instrument :

MSVOA_U

ClientSampleId :

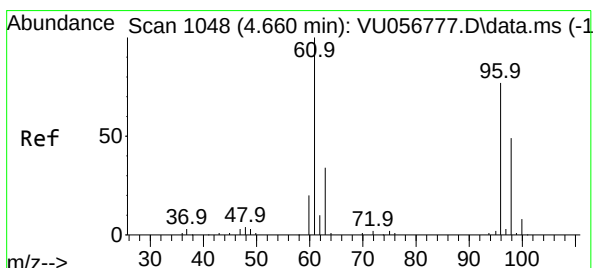
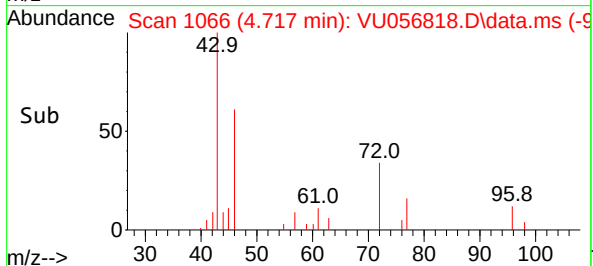
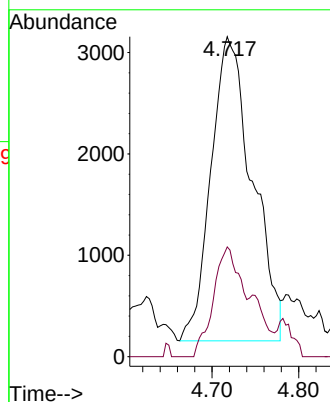
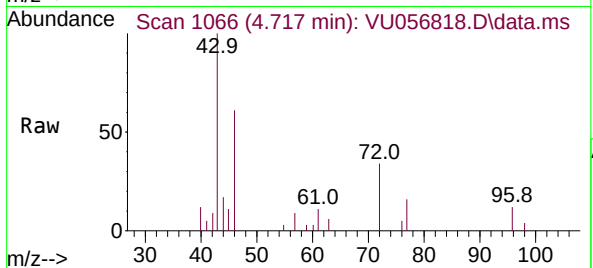
E06H8

Tgt Ion: 43 Resp: 9959

Ion Ratio Lower Upper

43 100

72 23.8 14.6 43.8



#22

cis-1,2-Dichloroethene

Concen: 1.071 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. 0.003 min

Lab File: VU056818.D

Acq: 13 Dec 2023 05:25

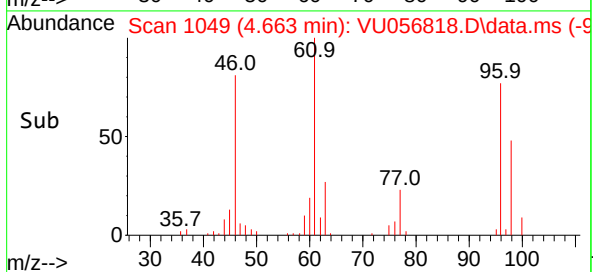
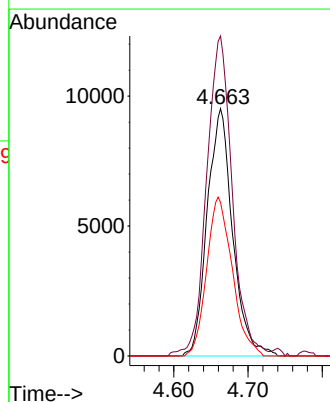
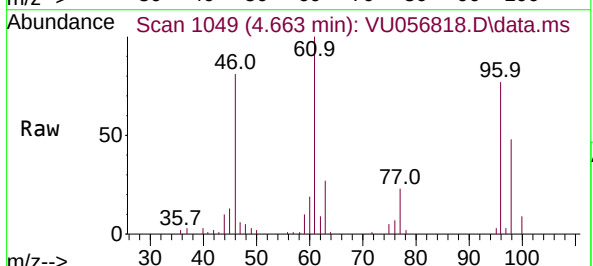
Tgt Ion: 96 Resp: 22598

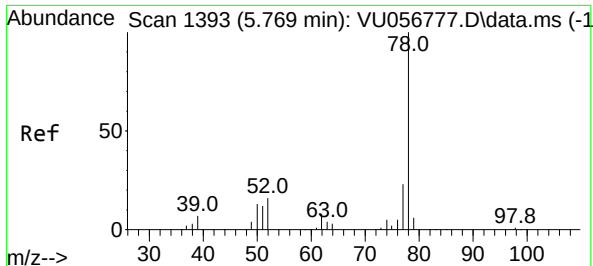
Ion Ratio Lower Upper

96 100

61 129.3 91.3 169.6

98 62.1 44.2 82.0

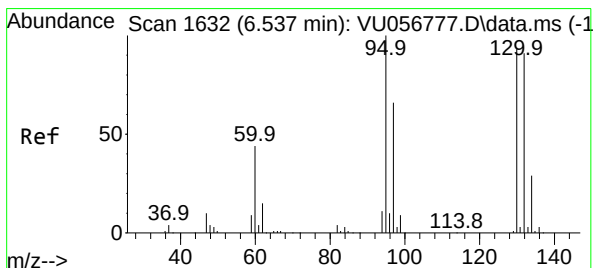
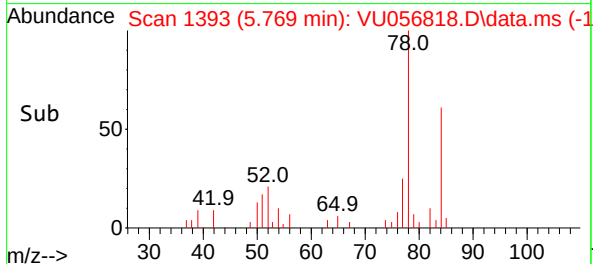
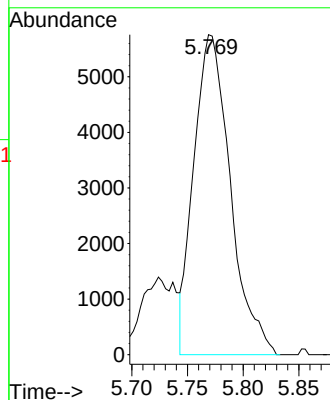
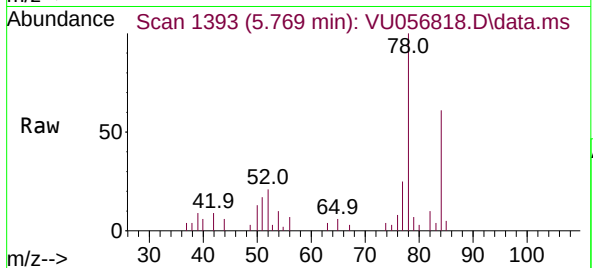




#33
Benzene
Concen: 0.155 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.003 min
Lab File: VU056818.D
Acq: 13 Dec 2023 05:25

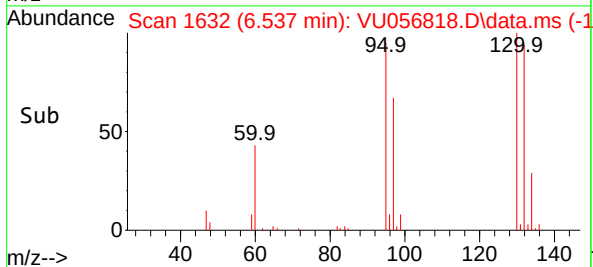
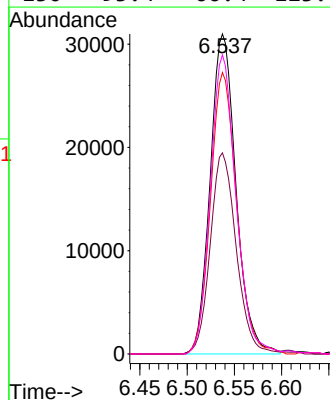
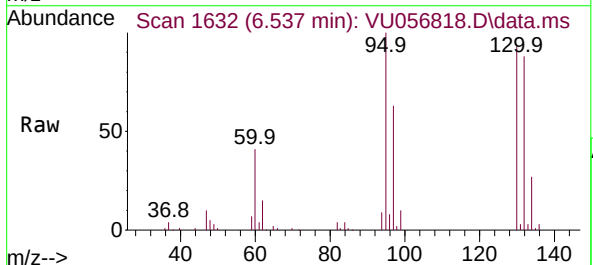
Instrument :
MSVOA_U
ClientSampleId :
E06H8

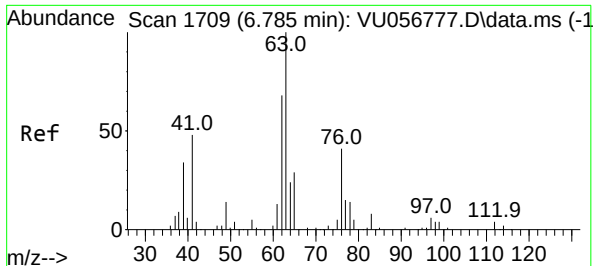
Tgt Ion: 78 Resp: 13153



#34
Trichloroethene
Concen: 2.537 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VU056818.D
Acq: 13 Dec 2023 05:25

Tgt Ion: 95 Resp: 59002
Ion Ratio Lower Upper
95 100
97 62.8 46.1 85.5
132 88.0 63.6 118.0
130 93.4 66.4 123.4

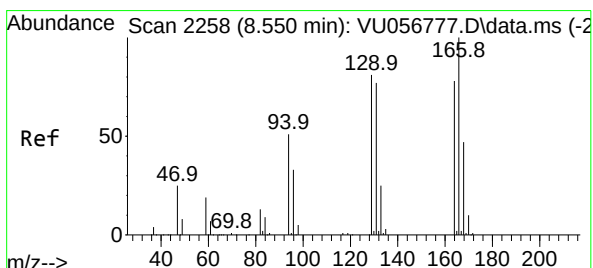
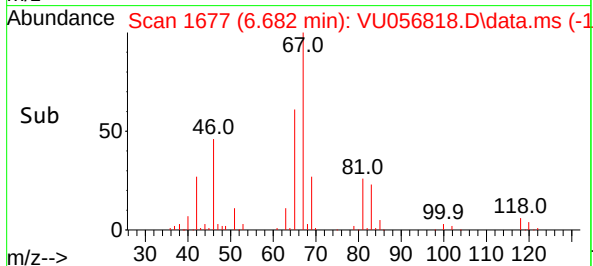
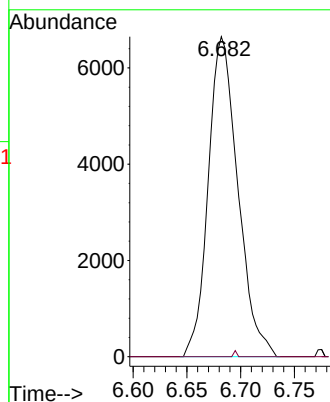
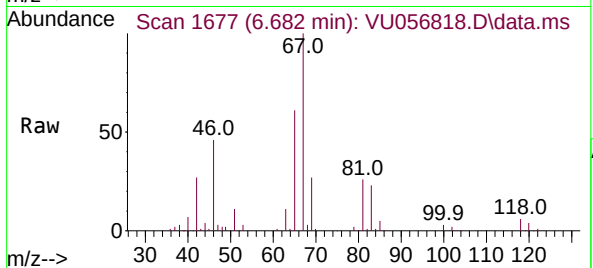




#37
1,2-Dichloropropane
Concen: 0.588 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU056818.D
Acq: 13 Dec 2023 05:25

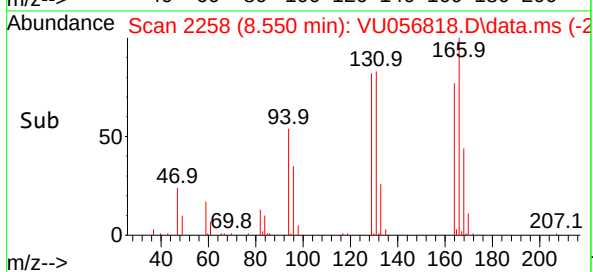
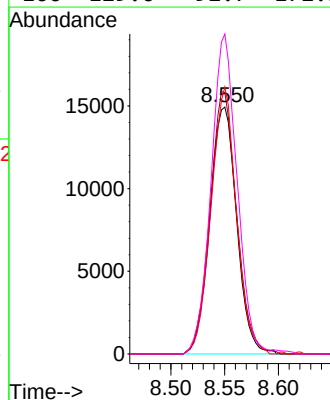
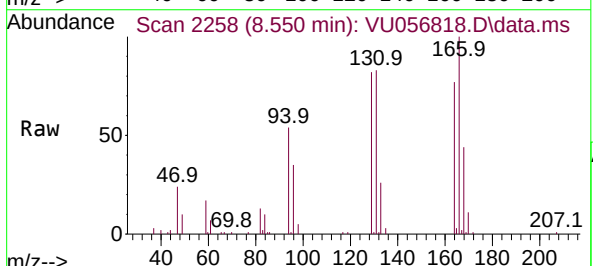
Instrument :
MSVOA_U
ClientSampleId :
E06H8

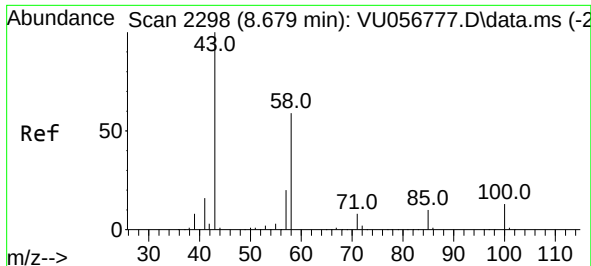
Tgt Ion: 63 Resp: 12760
Ion Ratio Lower Upper
63 100
112 0.2 3.3 4.9#



#47
Tetrachloroethene
Concen: 1.594 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU056818.D
Acq: 13 Dec 2023 05:25

Tgt Ion:164 Resp: 25944
Ion Ratio Lower Upper
164 100
129 105.9 73.4 136.4
131 108.1 71.5 132.9
166 129.6 92.7 172.1

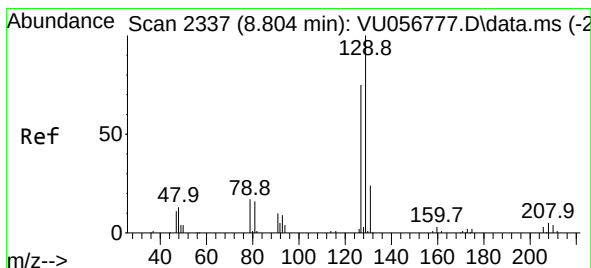
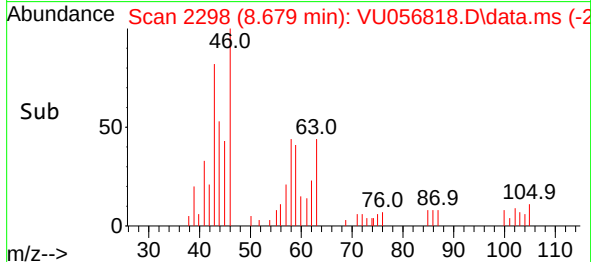
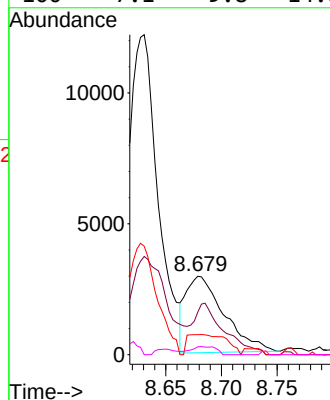
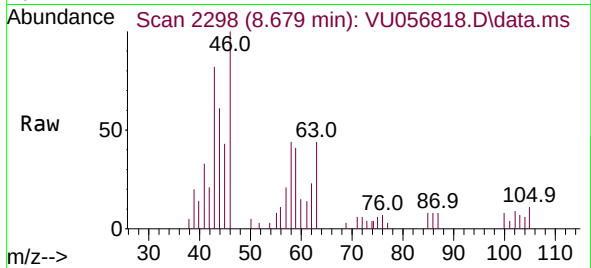




#48
2-Hexanone
Concen: 0.955 ug/L
RT: 8.679 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056818.D
Acq: 13 Dec 2023 05:25

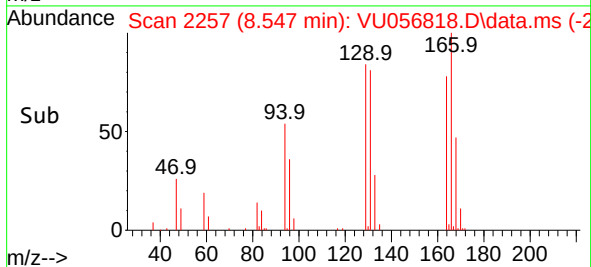
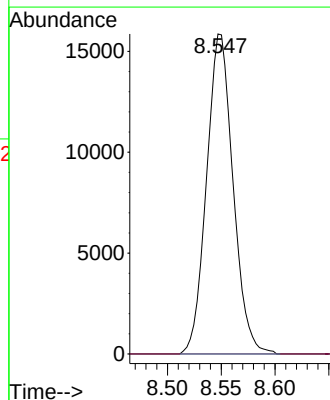
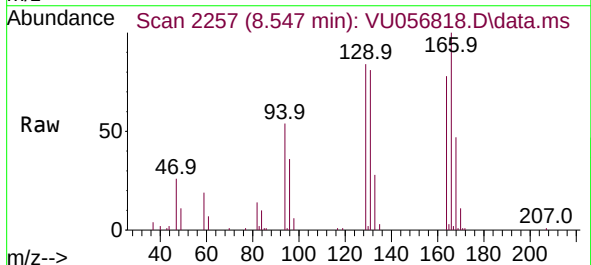
Instrument :
MSVOA_U
ClientSampleId :
E06H8

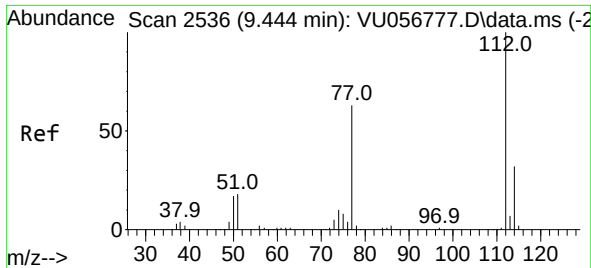
Tgt Ion: 43	Resp: 7006
Ion Ratio	Lower Upper
43 100	
58 53.0	47.5 71.3
57 26.6	17.0 25.4#
100 7.1	9.8 14.8#



#49
Dibromochloromethane
Concen: 1.615 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.257 min
Lab File: VU056818.D
Acq: 13 Dec 2023 05:25

Tgt Ion:129	Resp:	27225	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.9	100.1#

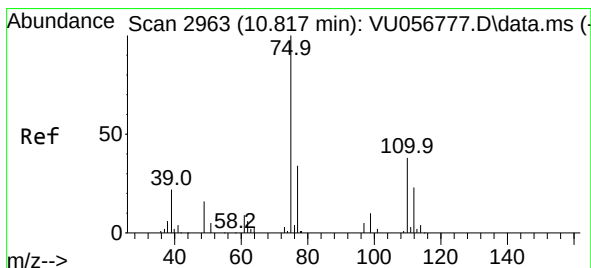
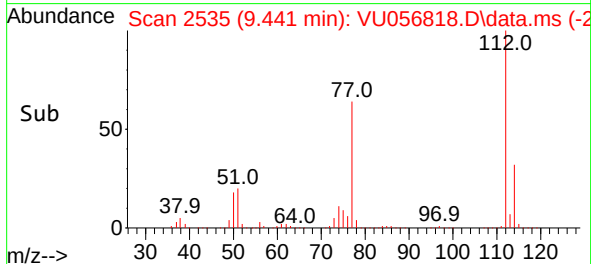
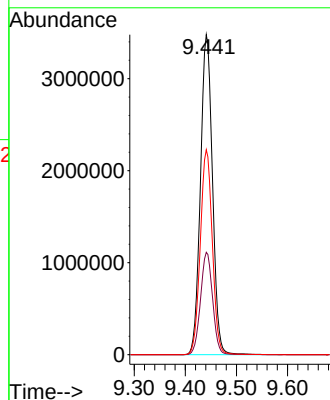
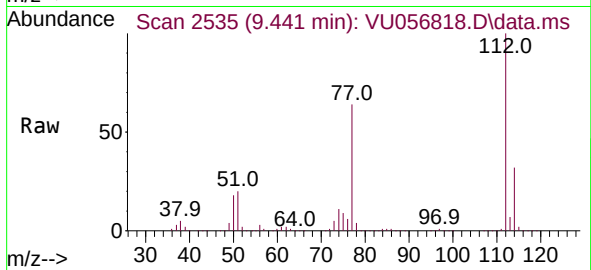




#51
Chlorobenzene
Concen: 101.575 ug/L
RT: 9.441 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056818.D
Acq: 13 Dec 2023 05:25

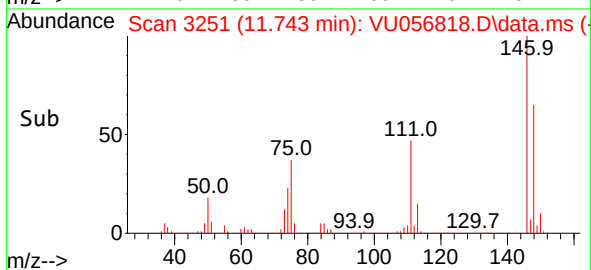
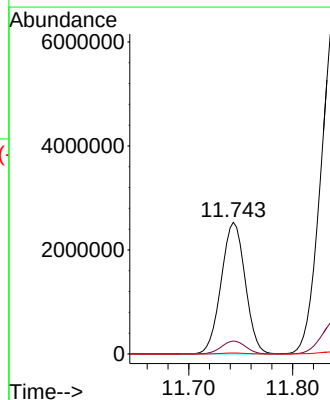
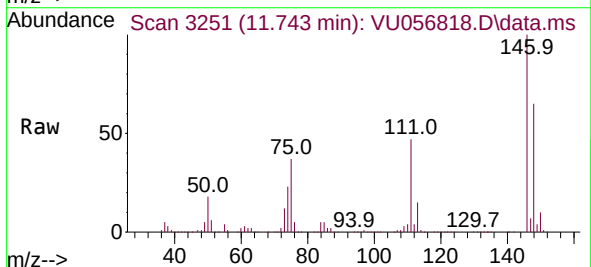
Instrument :
MSVOA_U
ClientSampleId :
E06H8

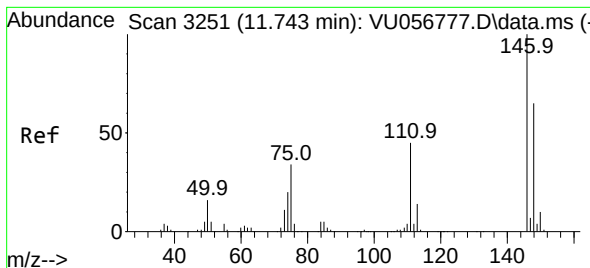
Tgt Ion:112 Resp: 5679550
Ion Ratio Lower Upper
112 100
114 32.0 21.9 40.7
77 64.1 51.6 77.4



#61
1,2,3-Trichloropropane
Concen: 270.968 ug/L
RT: 11.743 min Scan# 3251
Delta R.T. 0.926 min
Lab File: VU056818.D
Acq: 13 Dec 2023 05:25

Tgt Ion: 75 Resp: 4067549
Ion Ratio Lower Upper
75 100
110 9.9 28.4 42.6#
77 0.0 26.3 39.5#





#64

1,3-Dichlorobenzene

Concen: 216.887 ug/L

RT: 11.743 min Scan# 3251

Delta R.T. 0.003 min

Lab File: VU056818.D

Acq: 13 Dec 2023 05:25

Instrument :

MSVOA_U

ClientSampleId :

E06H8

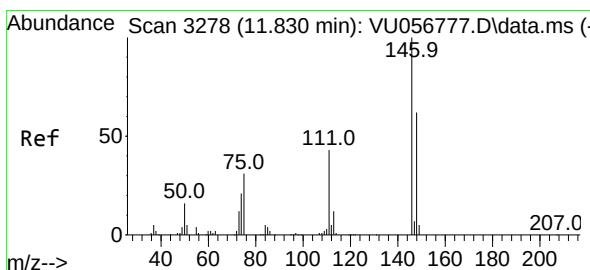
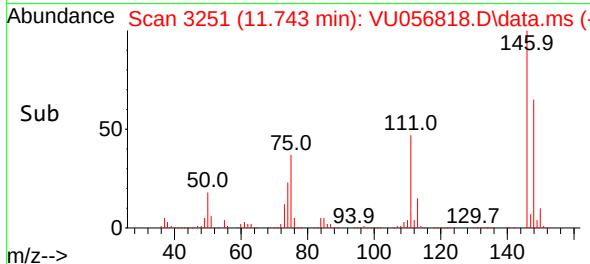
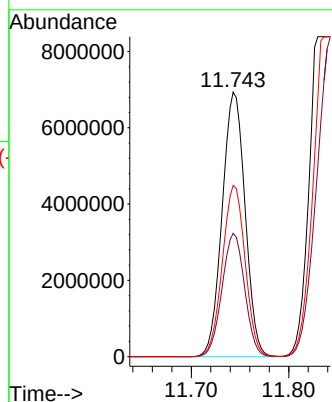
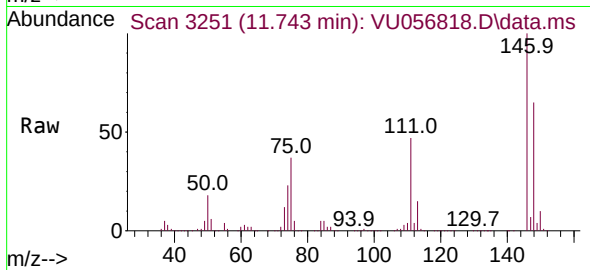
Tgt Ion:146 Resp:11332394

Ion Ratio Lower Upper

146 100

111 46.6 31.7 58.9

148 64.8 44.3 82.3



#65

1,4-Dichlorobenzene

Concen: 220.265 ug/L

RT: 11.743 min Scan# 3251

Delta R.T. -0.087 min

Lab File: VU056818.D

Acq: 13 Dec 2023 05:25

Tgt Ion:146 Resp:11332394

Ion Ratio Lower Upper

146 100

111 46.6 31.2 58.0

148 64.8 45.6 84.8

