

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121223\
 Data File : VU056819.D
 Acq On : 13 Dec 2023 05:50
 Operator : MD/SY
 Sample : 05684-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E06H9

Quant Time: Dec 13 06:09:47 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)

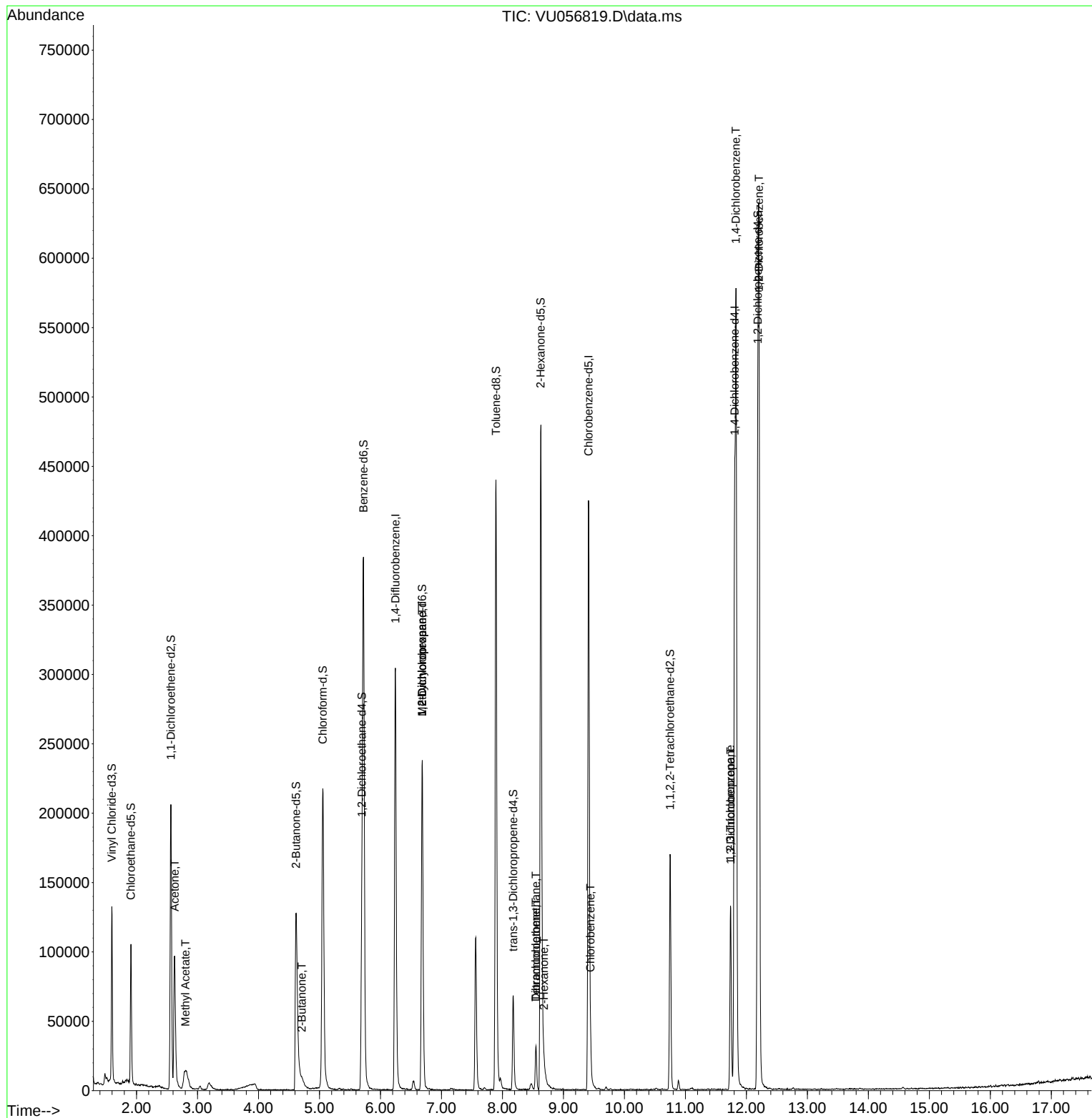
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	247483	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	244359	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	105444	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	90542	4.268	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.400%
7) Chloroethane-d5	1.907	69	74642	4.702	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.000%
11) 1,1-Dichloroethene-d2	2.563	65	39520	4.354	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.000%
20) 2-Butanone-d5	4.615	46	207728	49.585	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.160%
24) Chloroform-d	5.055	84	192365	4.789	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
26) 1,2-Dichloroethane-d4	5.695	65	95237	5.010	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
32) Benzene-d6	5.721	84	371517	4.902	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
36) 1,2-Dichloropropane-d6	6.685	67	117765	4.964	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.200%
41) Toluene-d8	7.894	98	303253	4.477	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
43) trans-1,3-Dichloroprop...	8.177	79	41881	4.552	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.000%
46) 2-Hexanone-d5	8.627	63	158944	45.808	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.620%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	86646	5.048	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	106669	5.146	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.000%
Target Compounds						Qvalue
13) Acetone	2.624	43	119821	46.933	ug/L	100
15) Methyl Acetate	2.801	43	5661	0.815	ug/L #	49
21) 2-Butanone	4.711	43	11379	2.643	ug/L	75
35) Methylcyclohexane	6.685	83	26118	0.751	ug/L #	17
37) 1,2-Dichloropropane	6.685	63	12987	0.591	ug/L #	88
47) Tetrachloroethene	8.550	164	6717	0.407	ug/L	93
48) 2-Hexanone	8.682	43	6725	0.905	ug/L #	86
49) Dibromochloromethane	8.550	129	6965	0.408	ug/L #	11
51) Chlorobenzene	9.444	112	13495	0.238	ug/L	98
61) 1,2,3-Trichloropropane	11.740	75	19041	1.682	ug/L #	49
64) 1,3-Dichlorobenzene	11.743	146	54306	1.378	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	213779	5.509	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	214421	5.973	ug/L	98

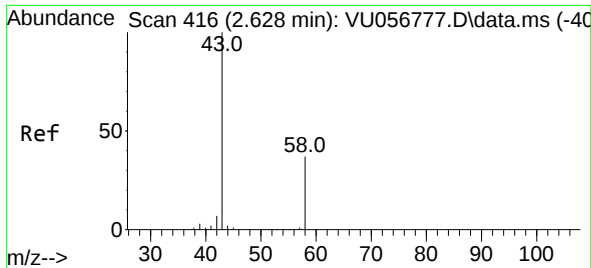
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 46.933 ug/L

RT: 2.624 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU056819.D

Acq: 13 Dec 2023 05:50

Instrument :

MSVOA_U

ClientSampleId :

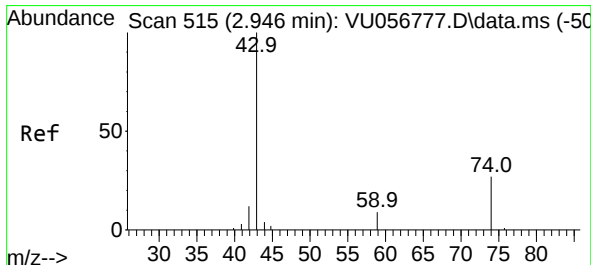
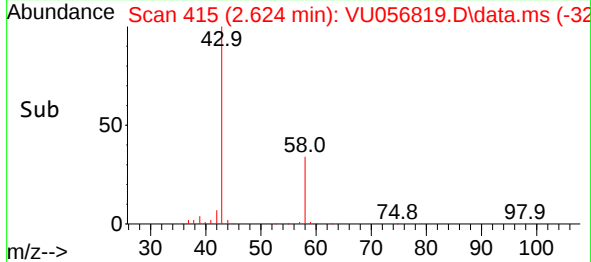
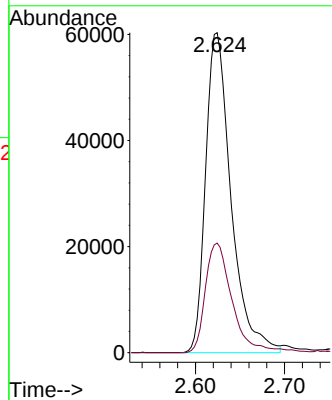
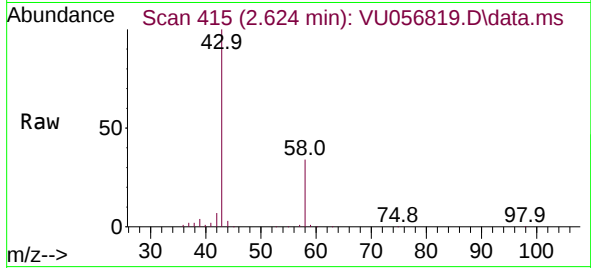
E06H9

Tgt Ion: 43 Resp: 119821

Ion Ratio Lower Upper

43 100

58 36.2 0.0 72.6



#15

Methyl Acetate

Concen: 0.815 ug/L

RT: 2.801 min Scan# 470

Delta R.T. -0.145 min

Lab File: VU056819.D

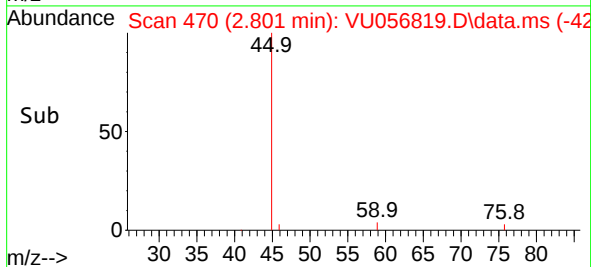
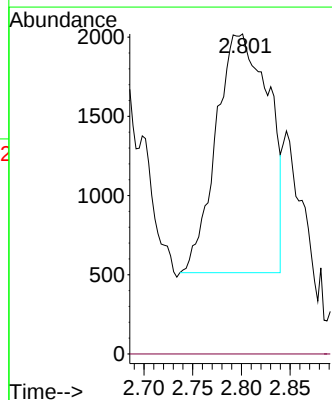
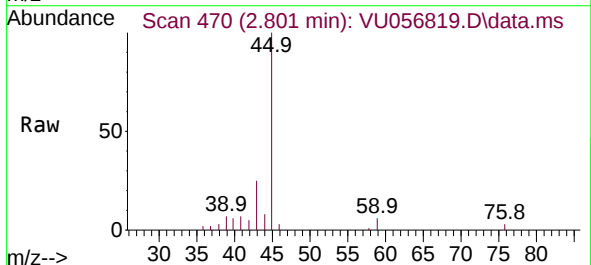
Acq: 13 Dec 2023 05:50

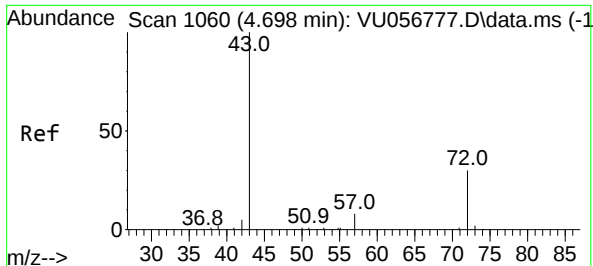
Tgt Ion: 43 Resp: 5661

Ion Ratio Lower Upper

43 100

74 0.0 21.0 31.6#





#21

2-Butanone

Concen: 2.643 ug/L

RT: 4.711 min Scan# 1064

Delta R.T. 0.016 min

Lab File: VU056819.D

Acq: 13 Dec 2023 05:50

Instrument :

MSVOA_U

ClientSampleId :

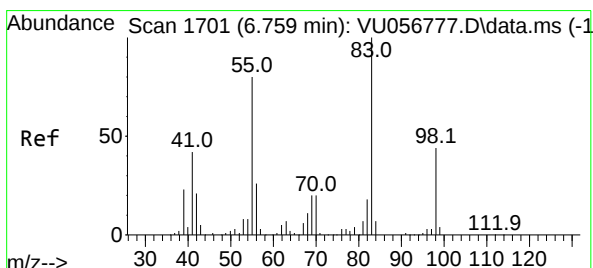
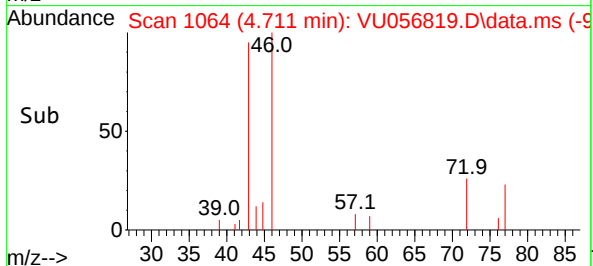
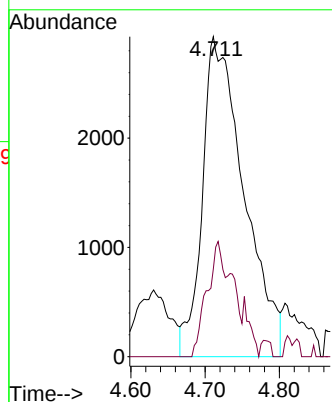
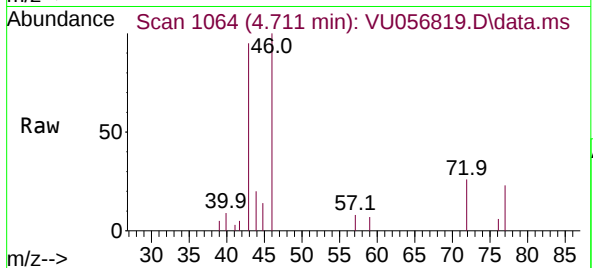
E06H9

Tgt Ion: 43 Resp: 11379

Ion Ratio Lower Upper

43 100

72 15.9 14.6 43.8



#35

Methylcyclohexane

Concen: 0.751 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.071 min

Lab File: VU056819.D

Acq: 13 Dec 2023 05:50

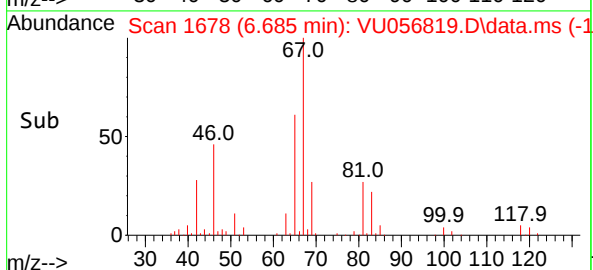
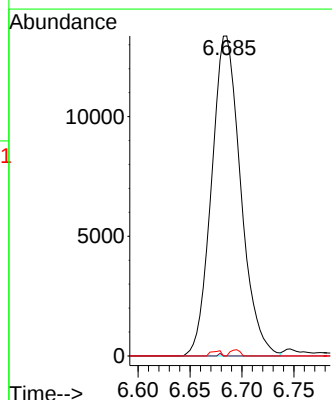
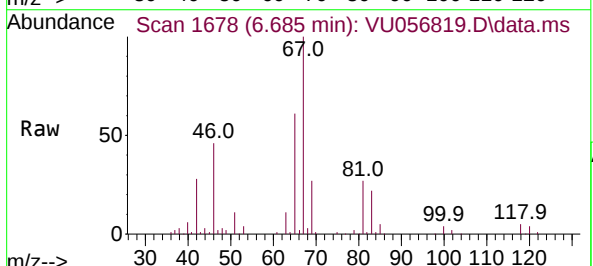
Tgt Ion: 83 Resp: 26118

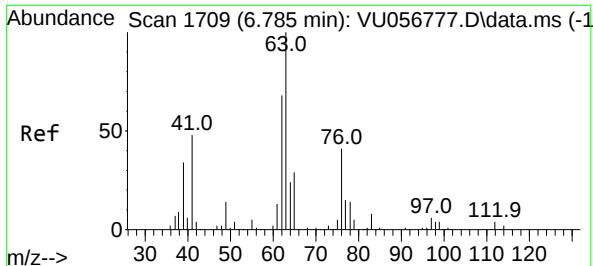
Ion Ratio Lower Upper

83 100

55 0.1 64.6 97.0#

98 0.6 36.1 54.1#

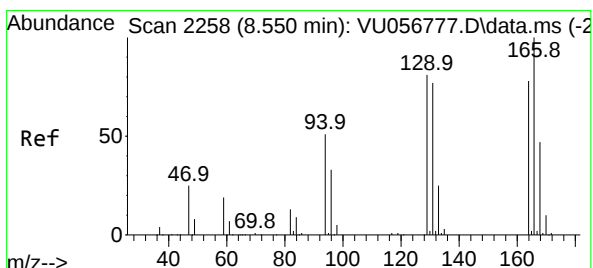
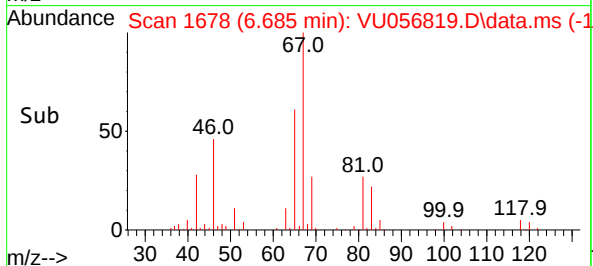
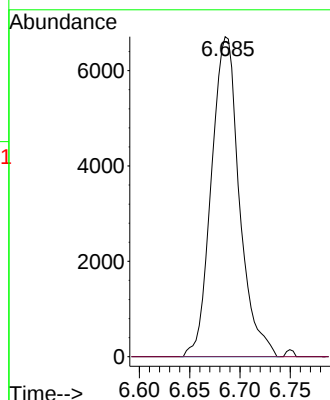
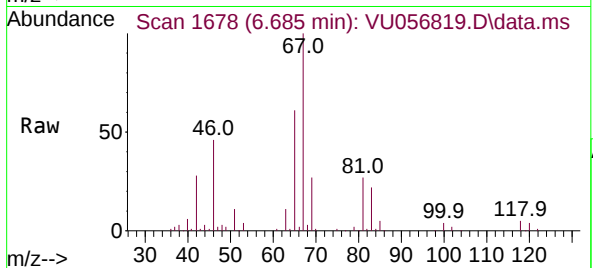




#37
1,2-Dichloropropane
Concen: 0.591 ug/L
RT: 6.685 min Scan# 11
Delta R.T. -0.100 min
Lab File: VU056819.D
Acq: 13 Dec 2023 05:50

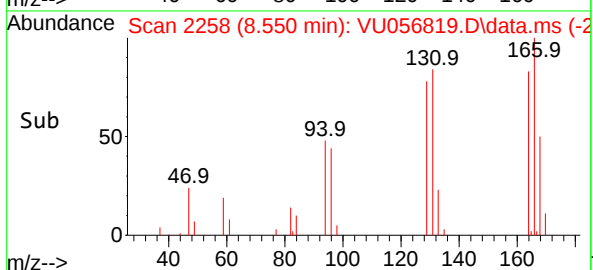
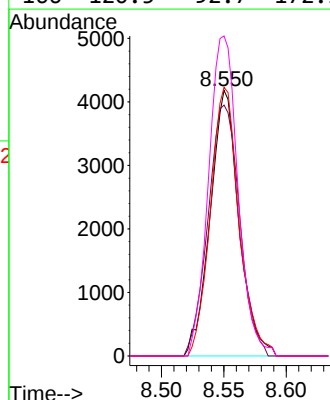
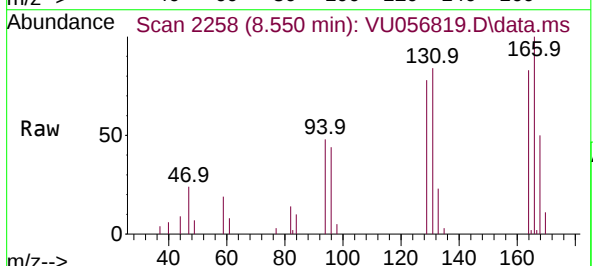
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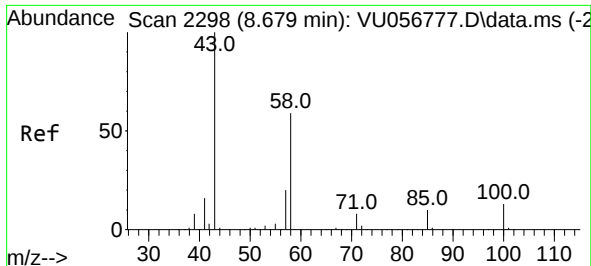
Tgt Ion: 63 Resp: 12987
Ion Ratio Lower Upper
63 100
112 0.2 3.3 4.9#



#47
Tetrachloroethene
Concen: 0.407 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU056819.D
Acq: 13 Dec 2023 05:50

Tgt Ion: 164 Resp: 6717
Ion Ratio Lower Upper
164 100
129 94.5 73.4 136.4
131 101.1 71.5 132.9
166 120.5 92.7 172.1

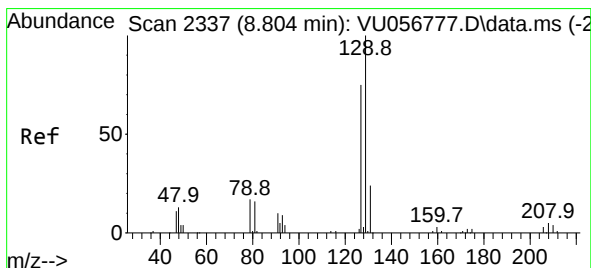
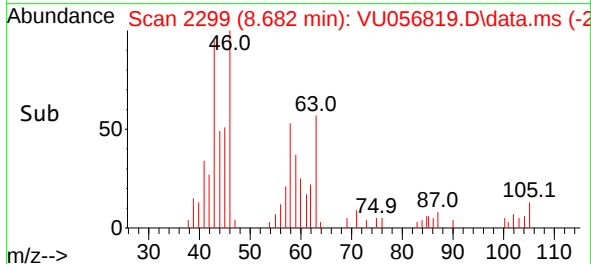
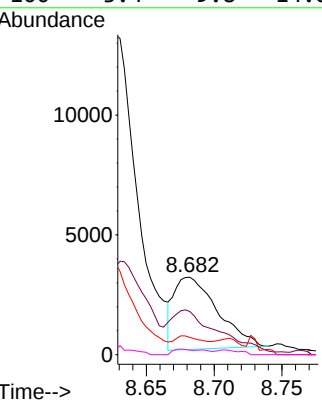
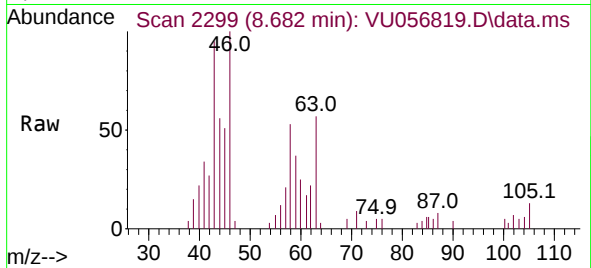




#48
2-Hexanone
Concen: 0.905 ug/L
RT: 8.682 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU056819.D
Acq: 13 Dec 2023 05:50

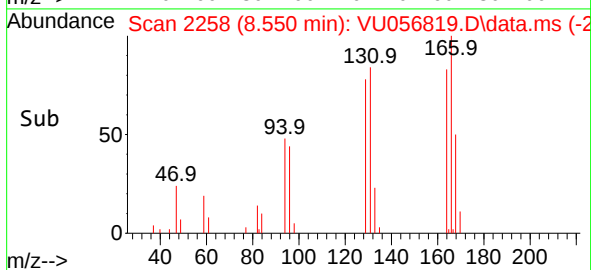
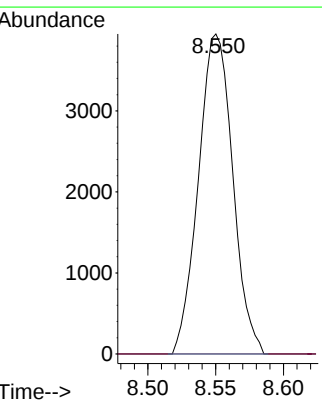
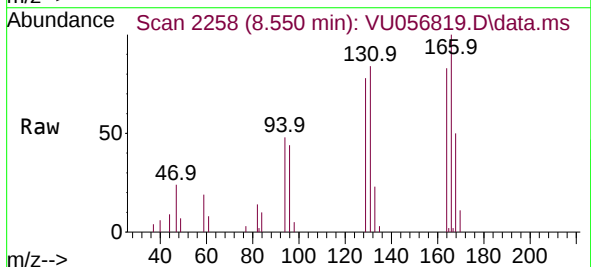
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ClientSampleId :
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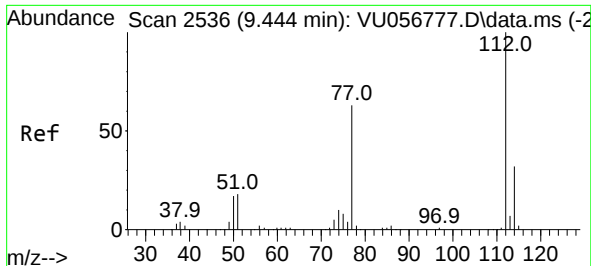
Tgt Ion: 43	Resp: 6725
Ion Ratio	Lower Upper
43 100	
58 70.7	47.5 71.3
57 18.6	17.0 25.4
100 3.4	9.8 14.8#



#49
Dibromochloromethane
Concen: 0.408 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.254 min
Lab File: VU056819.D
Acq: 13 Dec 2023 05:50

Tgt Ion:129	Resp: 6965		
Ion Ratio	Lower	Upper	
129 100			
127 0.0	53.9	100.1#	

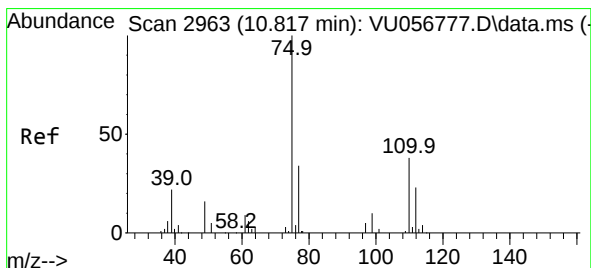
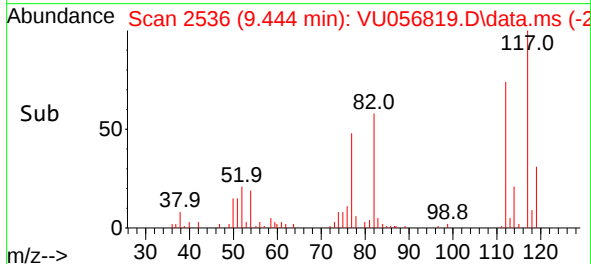
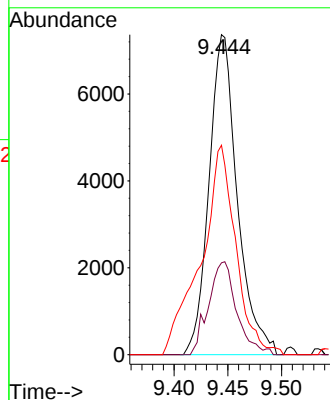
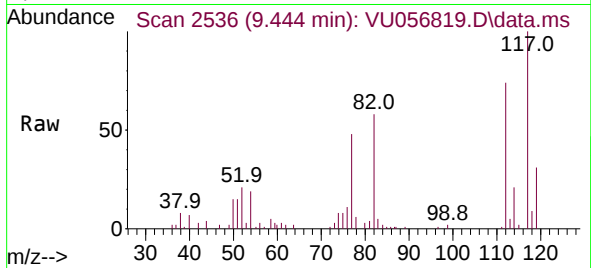




#51
Chlorobenzene
Concen: 0.238 ug/L
RT: 9.444 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU056819.D
Acq: 13 Dec 2023 05:50

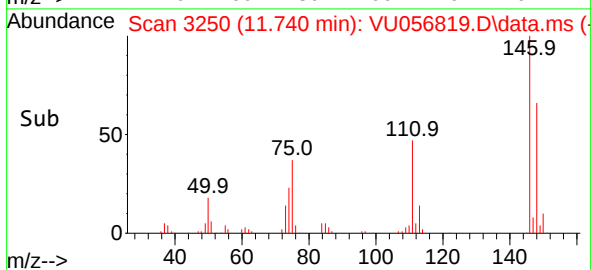
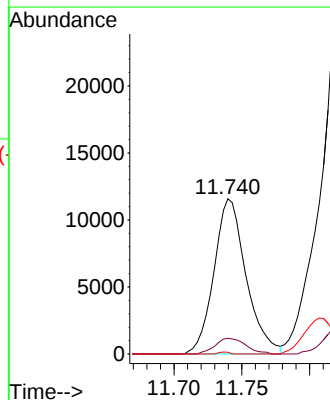
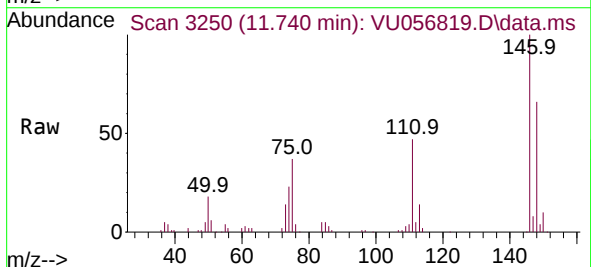
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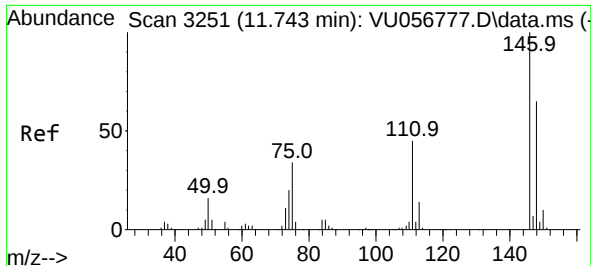
Tgt Ion:	112	Resp:	13495
Ion Ratio	Lower	Upper	
112	100		
114	28.7	21.9	40.7
77	65.5	51.6	77.4



#61
1,2,3-Trichloropropane
Concen: 1.682 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. 0.923 min
Lab File: VU056819.D
Acq: 13 Dec 2023 05:50

Tgt Ion:	75	Resp:	19041
Ion Ratio	Lower	Upper	
75	100		
110	9.6	28.4	42.6#
77	0.0	26.3	39.5#

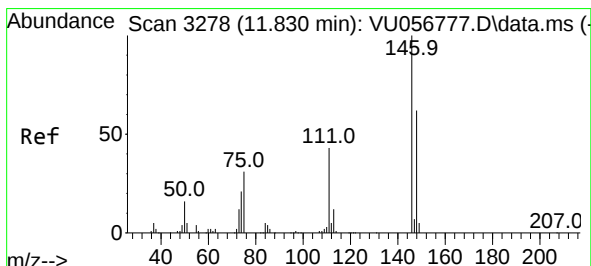
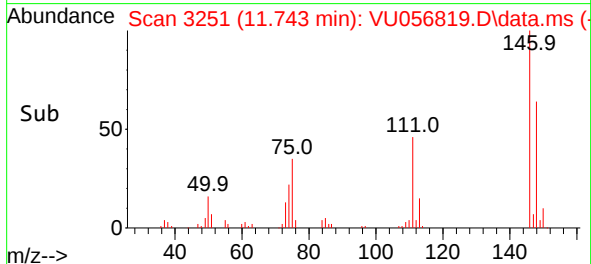
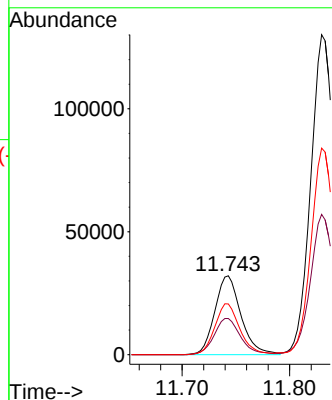
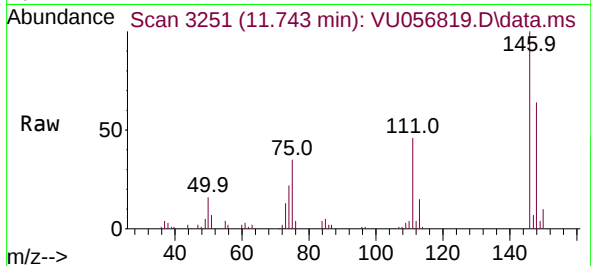




#64
1,3-Dichlorobenzene
Concen: 1.378 ug/L
RT: 11.743 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU056819.D
Acq: 13 Dec 2023 05:50

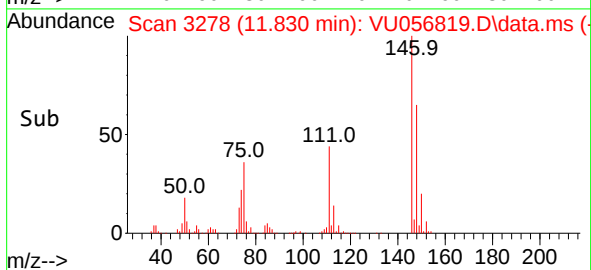
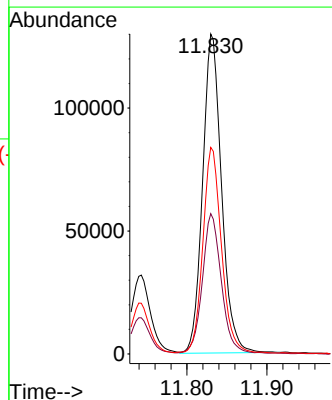
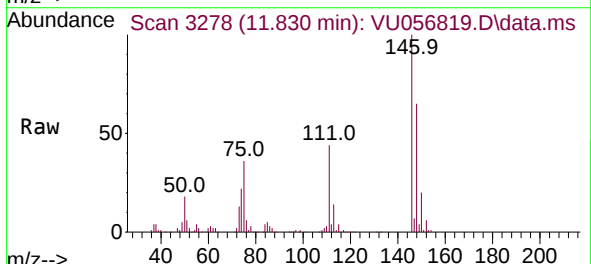
Instrument :
MSVOA_U
ClientSampleId :
E06H9

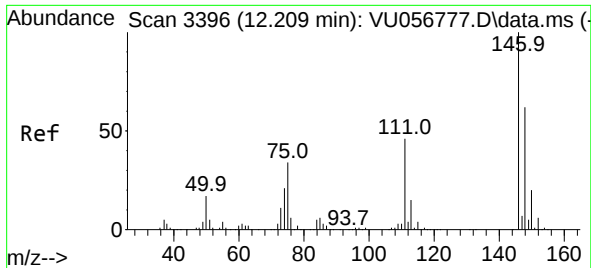
Tgt Ion:146 Resp: 54306
Ion Ratio Lower Upper
146 100
111 45.8 31.7 58.9
148 64.3 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 5.509 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VU056819.D
Acq: 13 Dec 2023 05:50

Tgt Ion:146 Resp: 213779
Ion Ratio Lower Upper
146 100
111 43.9 31.2 58.0
148 64.5 45.6 84.8





#67

1,2-Dichlorobenzene

Concen: 5.973 ug/L

RT: 12.206 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU056819.D

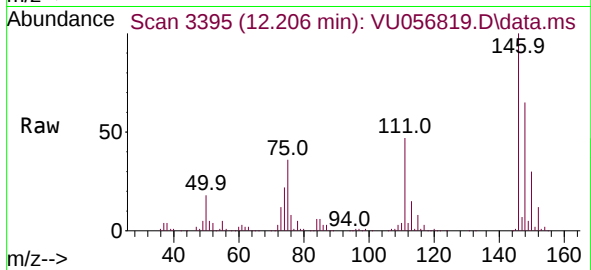
Acq: 13 Dec 2023 05:50

Instrument :

MSVOA_U

ClientSampleId :

E06H9



Tgt Ion:146 Resp: 214421

Ion Ratio Lower Upper

146 100

111 47.1 36.9 55.3

148 64.9 53.0 79.4

