

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
 Data File : VU059816.D
 Acq On : 03 Jul 2024 22:53
 Operator : MD/SY
 Sample : P3136-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 04 02:13:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 04 02:08:13 2024
 Response via : Initial Calibration

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

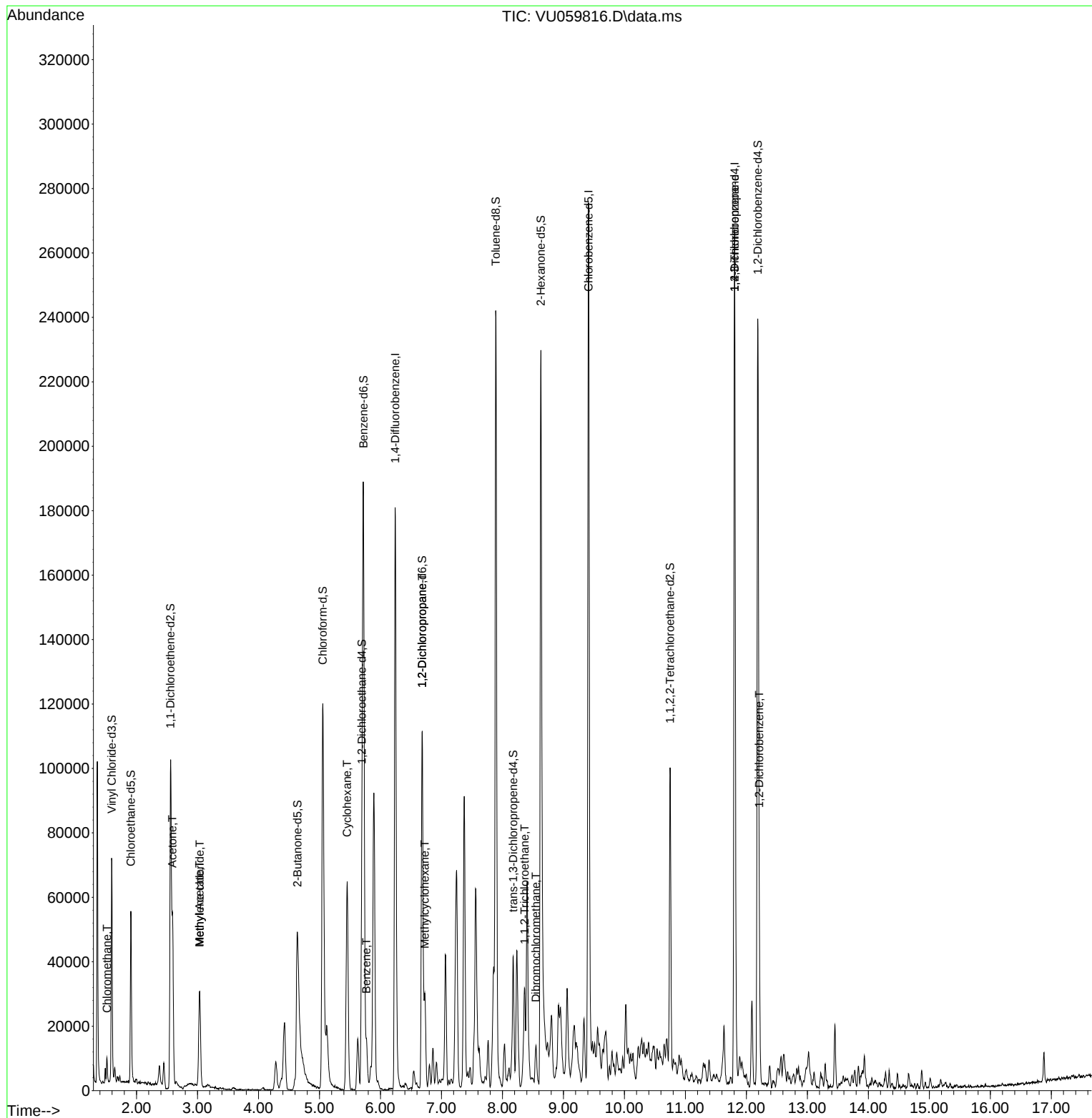
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	155147	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	163297	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	76325	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	47027	4.359	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.200%
7) Chloroethane-d5	1.907	69	40972	3.947	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.000%
11) 1,1-Dichloroethene-d2	2.557	65	18418	4.115	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.400%
20) 2-Butanone-d5	4.637	46	92092	41.442	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.880%
24) Chloroform-d	5.052	84	89539	4.044	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.800%
26) 1,2-Dichloroethane-d4	5.695	65	46277	4.338	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
32) Benzene-d6	5.721	84	186887	4.158	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.200%
36) 1,2-Dichloropropane-d6	6.682	67	59290	4.305	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.200%
41) Toluene-d8	7.891	98	169901	4.067	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.400%
43) trans-1,3-Dichloroprop...	8.177	79	19742	4.578	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.600%
46) 2-Hexanone-d5	8.631	63	88269	49.264	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.520%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	48435	4.257	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	64101	4.719	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.400%
Target Compounds						Qvalue
3) Chloromethane	1.515	50	5535	0.391	ug/L	99
13) Acetone	2.589	43	16995	11.790	ug/L	45
15) Methyl Acetate	3.033	43	16418	4.316	ug/L #	51
16) Methylene chloride	3.036	84	2985	0.229	ug/L #	70
30) Cyclohexane	5.454	56	32091	1.928	ug/L #	21
33) Benzene	5.769	78	11723	0.236	ug/L	100
35) Methylcyclohexane	6.727	83	5066	0.265	ug/L #	34
37) 1,2-Dichloropropane	6.682	63	5725	0.446	ug/L	99
45) 1,1,2-Trichloroethane	8.364	97	11042	1.168	ug/L #	19
49) Dibromochloromethane	8.547	129	2261	0.216	ug/L #	12
61) 1,2,3-Trichloropropane	11.807	75	8832	1.252	ug/L #	67
67) 1,2-Dichlorobenzene	12.209	146	10765	0.477	ug/L	97

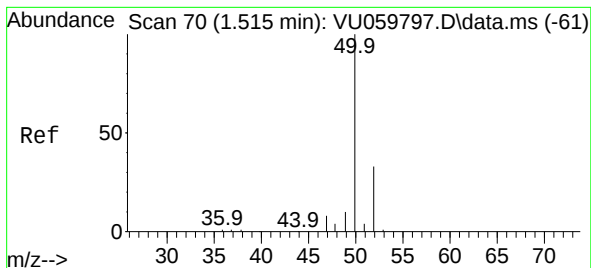
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.391 ug/L

RT: 1.515 min Scan# 70

Delta R.T. -0.000 min

Lab File: VU059816.D

Acq: 03 Jul 2024 22:53

Instrument :

MSVOA_U

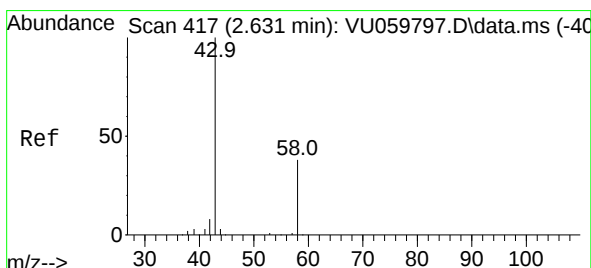
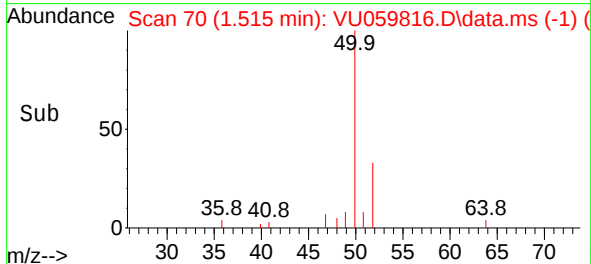
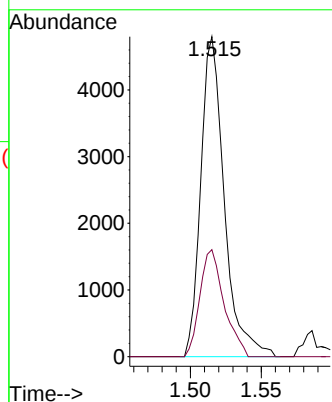
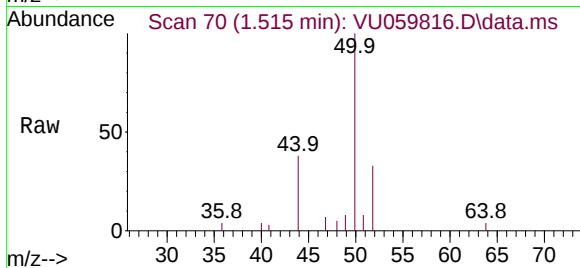
ClientSampleId :

Tgt Ion: 50 Resp: 5535

Ion Ratio Lower Upper

50 100

52 33.5 23.2 43.0



#13

Acetone

Concen: 11.790 ug/L

RT: 2.589 min Scan# 404

Delta R.T. -0.042 min

Lab File: VU059816.D

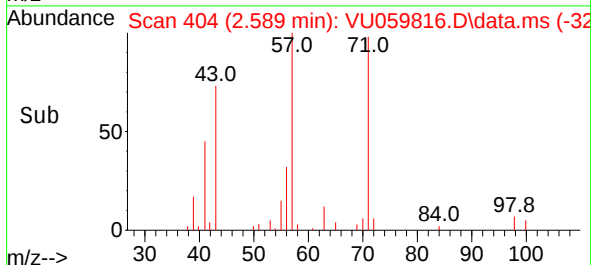
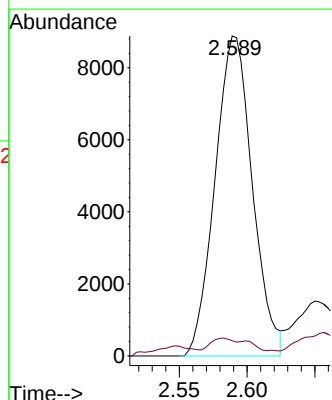
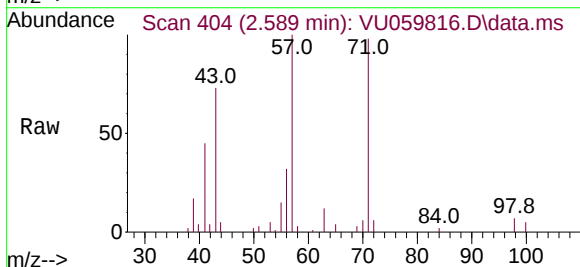
Acq: 03 Jul 2024 22:53

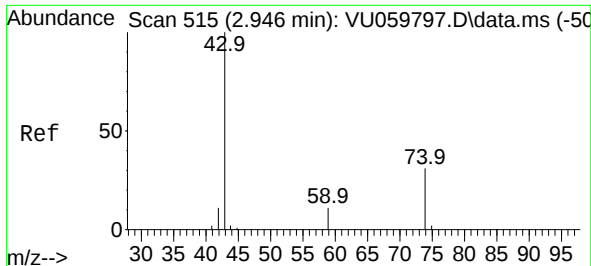
Tgt Ion: 43 Resp: 16995

Ion Ratio Lower Upper

43 100

58 2.2 0.0 68.0





#15

Methyl Acetate

Concen: 4.316 ug/L

RT: 3.033 min Scan# 542

Delta R.T. 0.087 min

Lab File: VU059816.D

Acq: 03 Jul 2024 22:53

Instrument :

MSVOA_U

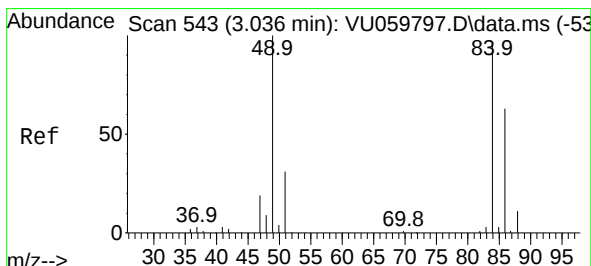
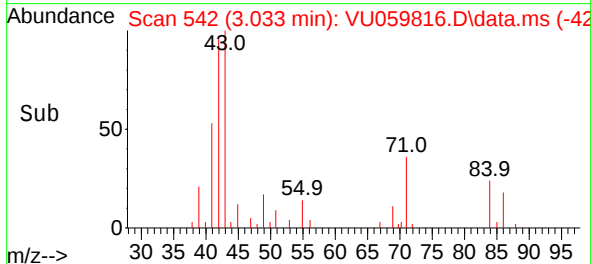
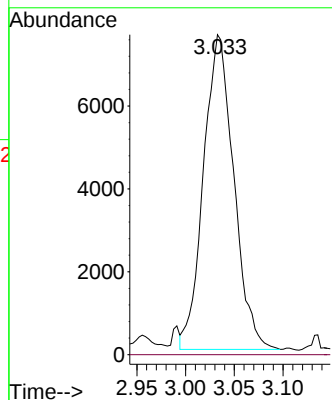
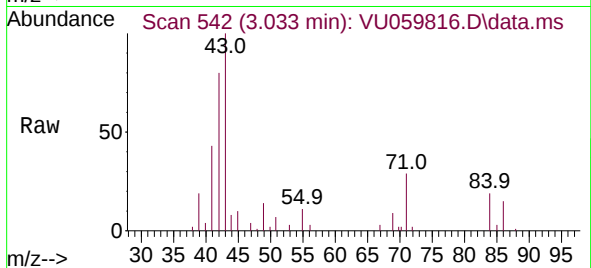
ClientSampleId :

Tgt Ion: 43 Resp: 16418

Ion Ratio Lower Upper

43 100

74 0.0 19.2 28.8#



#16

Methylene chloride

Concen: 0.229 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.000 min

Lab File: VU059816.D

Acq: 03 Jul 2024 22:53

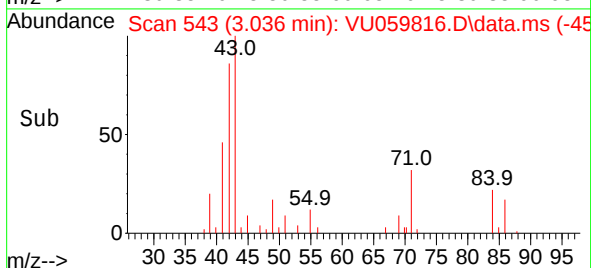
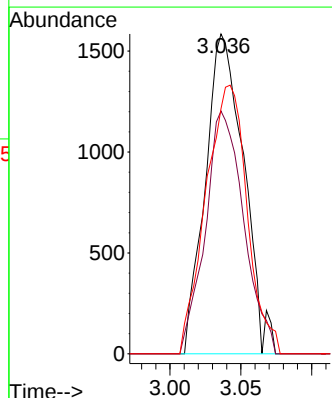
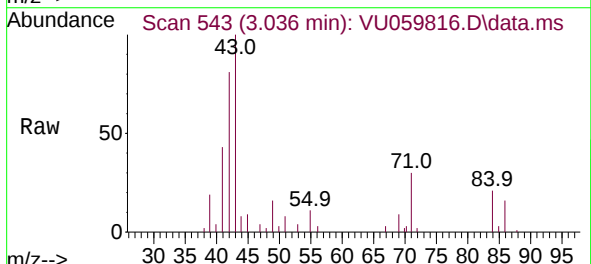
Tgt Ion: 84 Resp: 2985

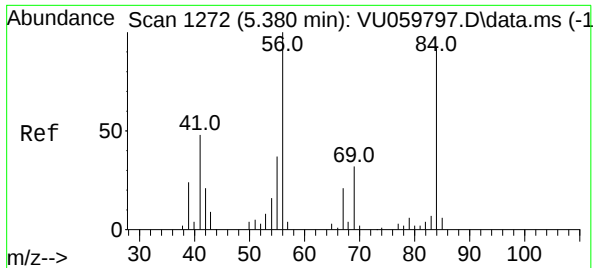
Ion Ratio Lower Upper

84 100

86 75.9 42.1 78.1

49 76.7 80.6 149.8#





#30

Cyclohexane

Concen: 1.928 ug/L

RT: 5.454 min Scan# 1295

Delta R.T. 0.074 min

Lab File: VU059816.D

Acq: 03 Jul 2024 22:53

Instrument :

MSVOA_U

ClientSampleId :

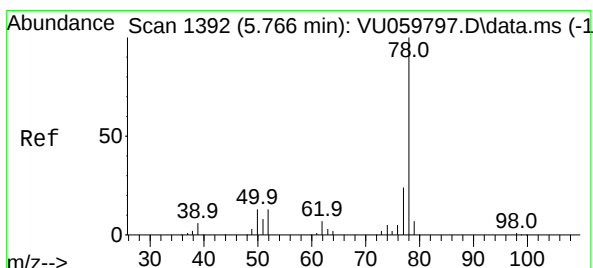
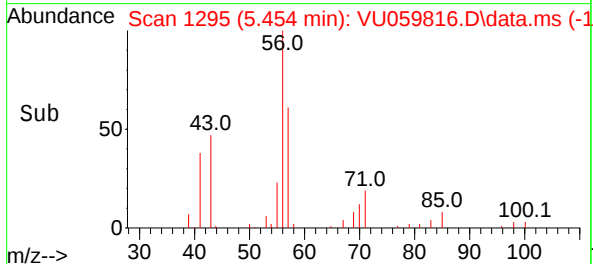
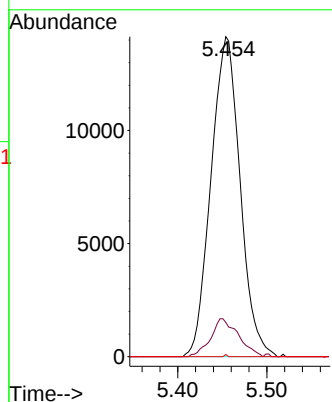
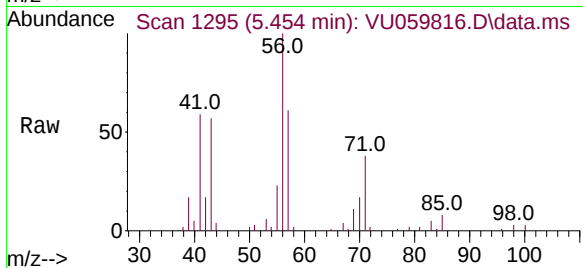
Tgt Ion: 56 Resp: 32091

Ion Ratio Lower Upper

56 100

69 11.3 24.8 37.2#

84 0.0 69.8 104.8#



#33

Benzene

Concen: 0.236 ug/L

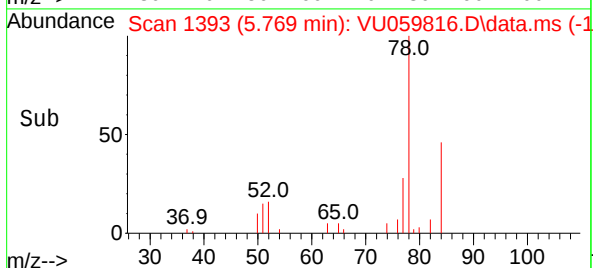
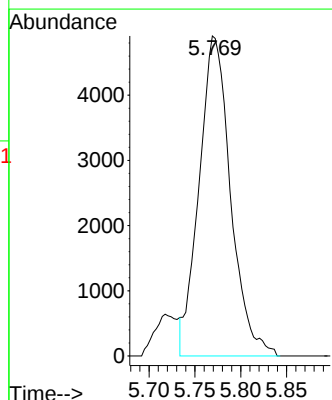
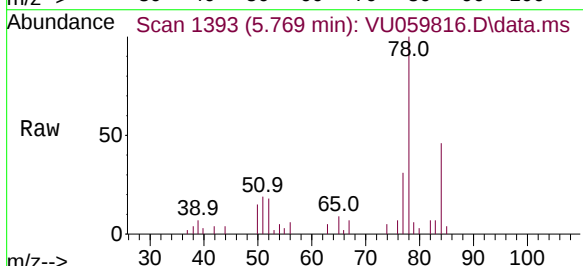
RT: 5.769 min Scan# 1393

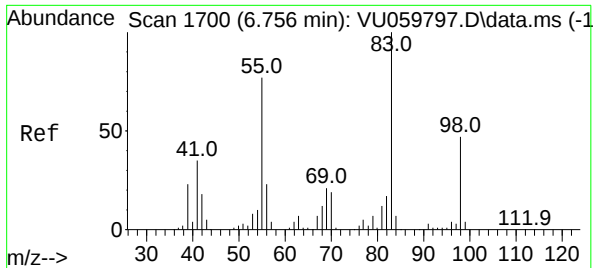
Delta R.T. 0.003 min

Lab File: VU059816.D

Acq: 03 Jul 2024 22:53

Tgt Ion: 78 Resp: 11723

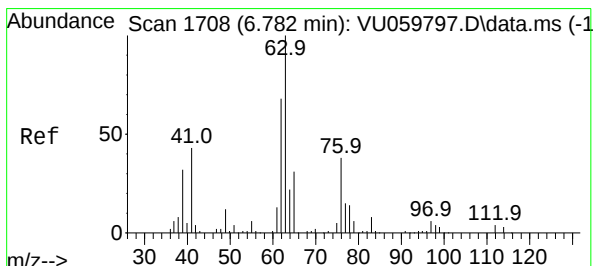
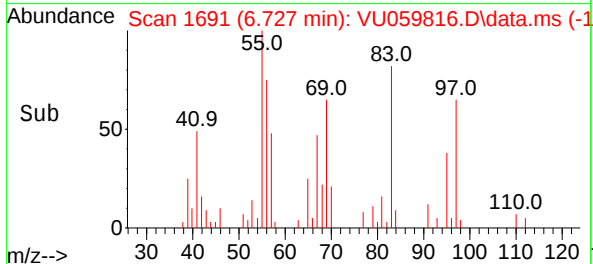
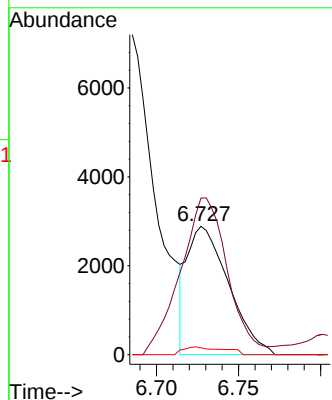
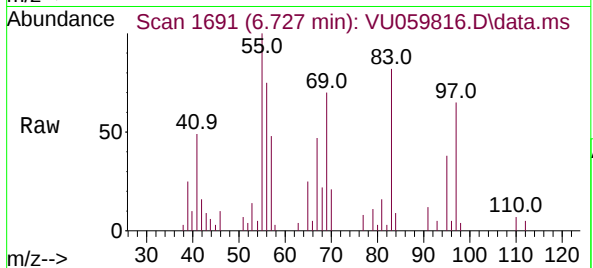




#35
Methylcyclohexane
Concen: 0.265 ug/L
RT: 6.727 min Scan# 1691
Delta R.T. -0.029 min
Lab File: VU059816.D
Acq: 03 Jul 2024 22:53

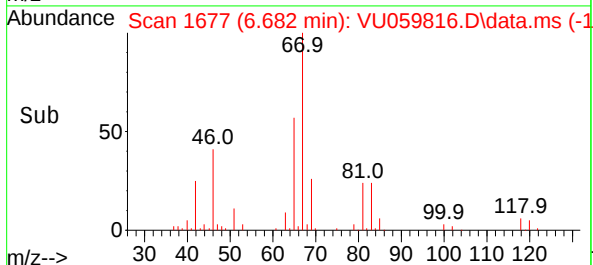
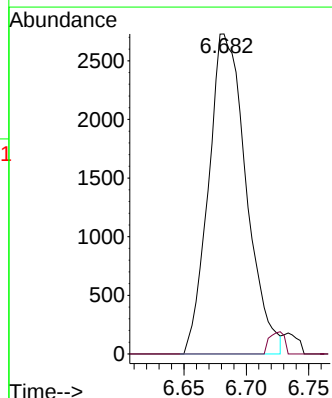
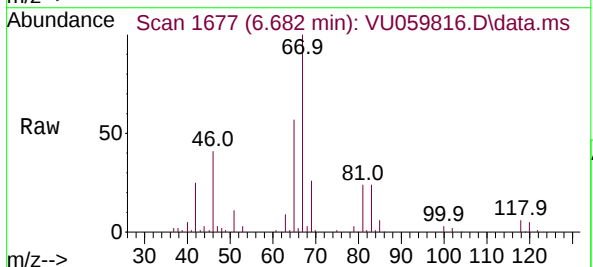
Instrument :
MSVOA_U
ClientSampleId :

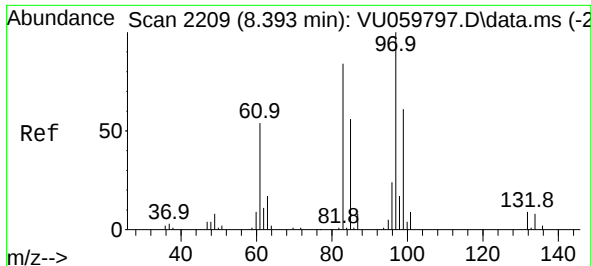
Tgt Ion: 83 Resp: 5066
Ion Ratio Lower Upper
83 100
55 139.1 62.7 94.1#
98 6.0 35.4 53.0#



#37
1,2-Dichloropropane
Concen: 0.446 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.100 min
Lab File: VU059816.D
Acq: 03 Jul 2024 22:53

Tgt Ion: 63 Resp: 5725
Ion Ratio Lower Upper
63 100
112 2.8 2.6 3.8





#45

1,1,2-Trichloroethane

Concen: 1.168 ug/L

RT: 8.364 min Scan# 21

Delta R.T. -0.029 min

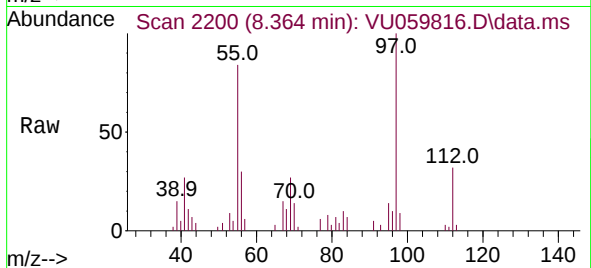
Lab File: VU059816.D

Acq: 03 Jul 2024 22:53

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 97 Resp: 11042

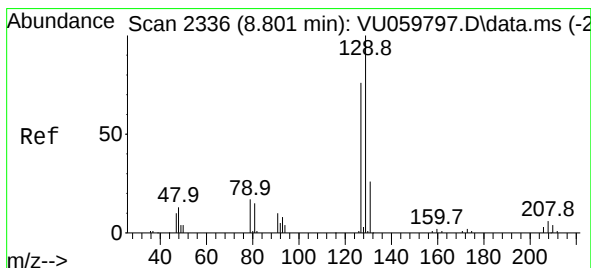
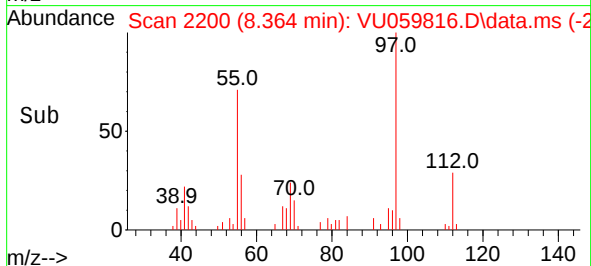
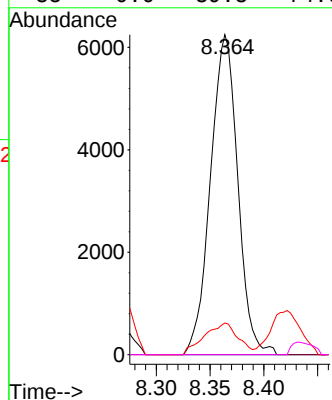
Ion Ratio Lower Upper

97 100

99 0.0 43.3 80.3#

83 9.9 62.3 115.7#

85 0.0 39.8 74.0#



#49

Dibromochloromethane

Concen: 0.216 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.254 min

Lab File: VU059816.D

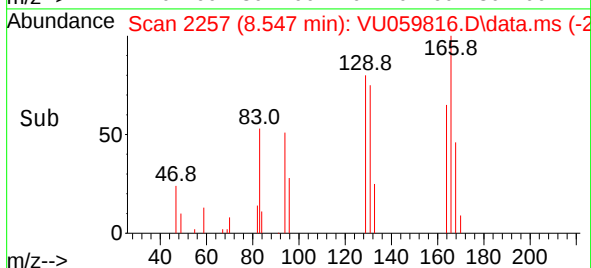
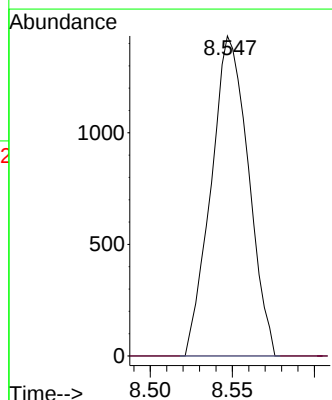
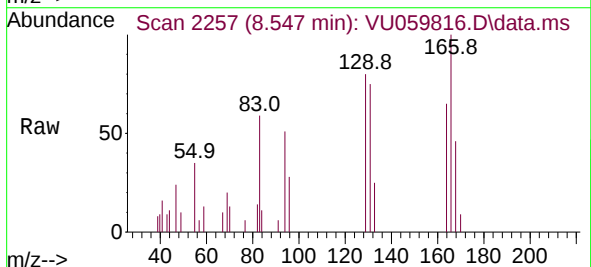
Acq: 03 Jul 2024 22:53

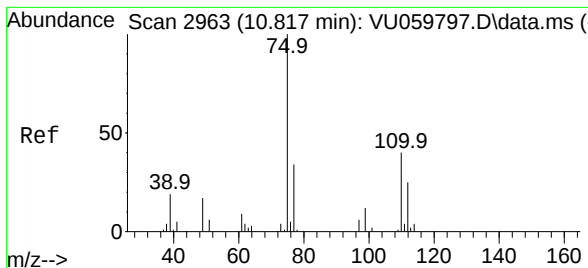
Tgt Ion: 129 Resp: 2261

Ion Ratio Lower Upper

129 100

127 0.0 52.5 97.5#





#61

1,2,3-Trichloropropane

Concen: 1.252 ug/L

RT: 11.807 min Scan# 31

Delta R.T. 0.990 min

Lab File: VU059816.D

Acq: 03 Jul 2024 22:53

Instrument :

MSVOA_U

ClientSampleId :

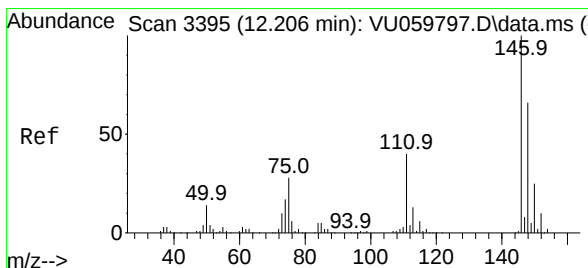
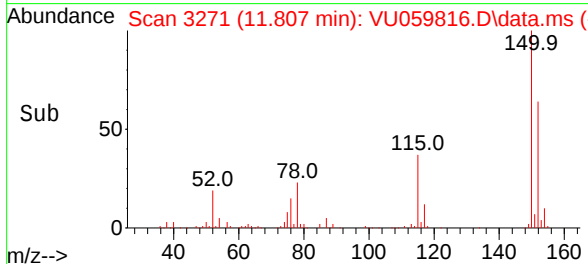
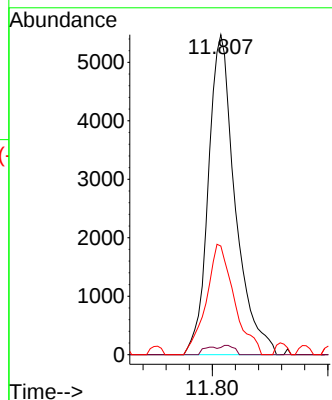
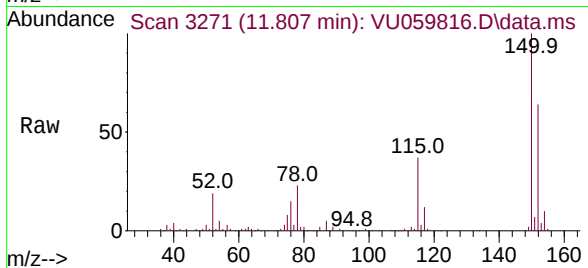
Tgt Ion: 75 Resp: 8832

Ion Ratio Lower Upper

75 100

110 1.5 27.1 40.7#

77 35.8 25.4 38.2



#67

1,2-Dichlorobenzene

Concen: 0.477 ug/L

RT: 12.209 min Scan# 3396

Delta R.T. 0.003 min

Lab File: VU059816.D

Acq: 03 Jul 2024 22:53

Tgt Ion:146 Resp: 10765

Ion Ratio Lower Upper

146 100

111 38.9 33.4 50.0

148 64.1 49.7 74.5

