

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062924\
 Data File : VU059628.D
 Acq On : 28 Jun 2024 18:17
 Operator : MD/SY
 Sample : P3059-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

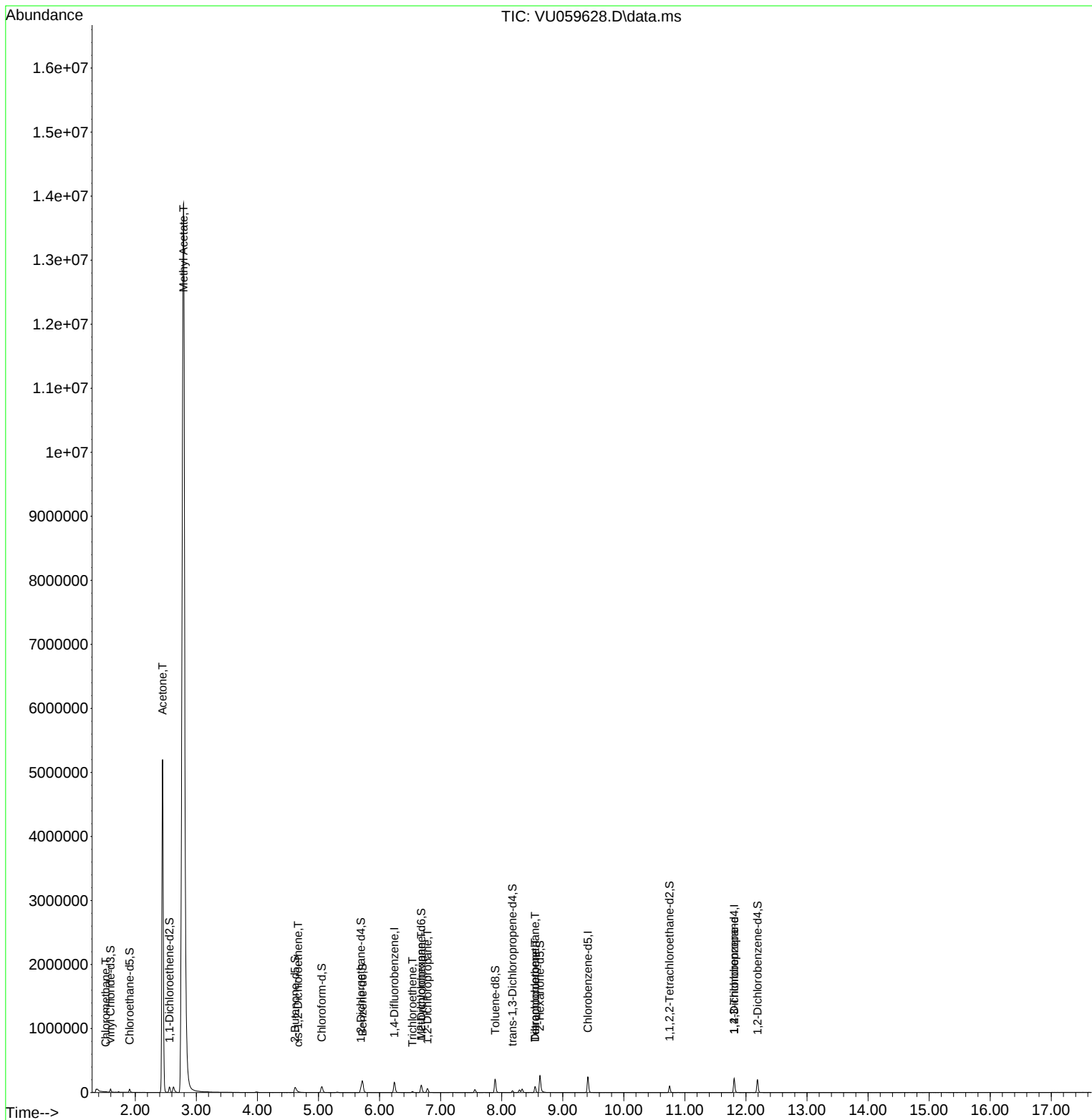
Quant Time: Jun 28 23:59:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 28 23:55:24 2024
 Response via : Initial Calibration

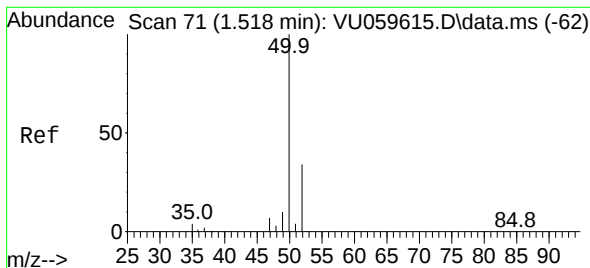
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	140287	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	147748	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	63680	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	37382	3.832	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.600%
7) Chloroethane-d5	1.907	69	39738	4.234	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.600%
11) 1,1-Dichloroethene-d2	2.560	65	16124	3.984	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.600%
20) 2-Butanone-d5	4.618	46	115070	57.267	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.540%
24) Chloroform-d	5.055	84	90894	4.540	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
26) 1,2-Dichloroethane-d4	5.695	65	46590	4.831	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
32) Benzene-d6	5.721	84	182016	4.476	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
36) 1,2-Dichloropropane-d6	6.682	67	57875	4.645	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.800%
41) Toluene-d8	7.894	98	150044	3.969	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.400%
43) trans-1,3-Dichloroprop...	8.177	79	17794	4.561	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.200%
46) 2-Hexanone-d5	8.627	63	94008	57.989	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.980%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	53992	5.245	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	58472	5.159	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.200%
Target Compounds						
3) Chloromethane	1.518	50	1618	0.126	ug/L #	71
13) Acetone	2.448	43	3232614	2480.052	ug/L	43
15) Methyl Acetate	2.792	43	5393124	1567.917	ug/L #	51
22) cis-1,2-Dichloroethene	4.666	96	2089	0.183	ug/L	88
34) Trichloroethene	6.541	95	5038	0.415	ug/L	92
35) Methylcyclohexane	6.682	83	13427	0.777	ug/L #	18
37) 1,2-Dichloropropane	6.785	63	25123	2.164	ug/L	99
47) Tetrachloroethene	8.547	164	21864	2.319	ug/L	96
49) Dibromochloromethane	8.547	129	21004	2.216	ug/L #	12
61) 1,2,3-Trichloropropane	11.807	75	7202	1.224	ug/L #	68

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

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#3

Chloromethane

Concen: 0.126 ug/L

RT: 1.518 min Scan# 71

Delta R.T. -0.000 min

Lab File: VU059628.D

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Instrument :

MSVOA_U

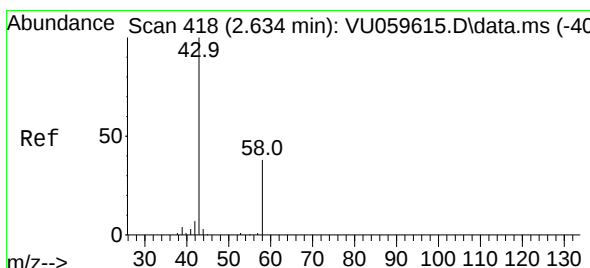
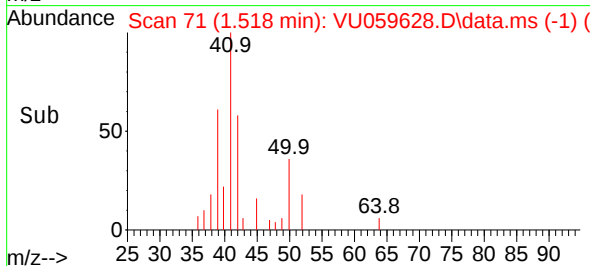
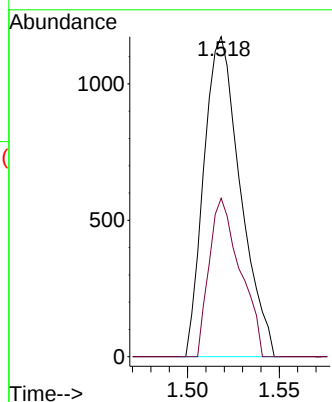
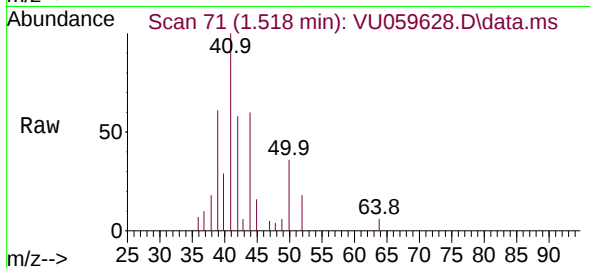
ClientSampleId :

Tgt Ion: 50 Resp: 1618

Ion Ratio Lower Upper

50 100

52 49.5 23.2 43.0#



#13

Acetone

Concen: 2480.052 ug/L

RT: 2.448 min Scan# 360

Delta R.T. -0.187 min

Lab File: VU059628.D

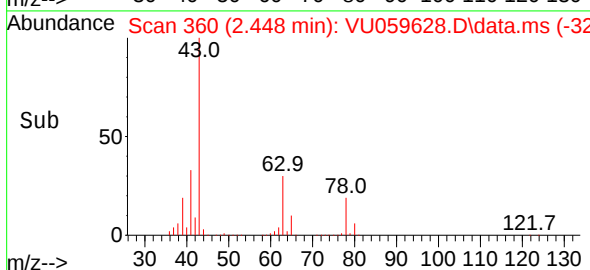
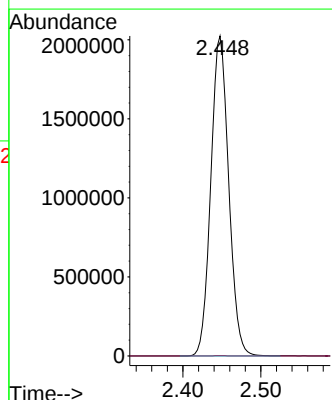
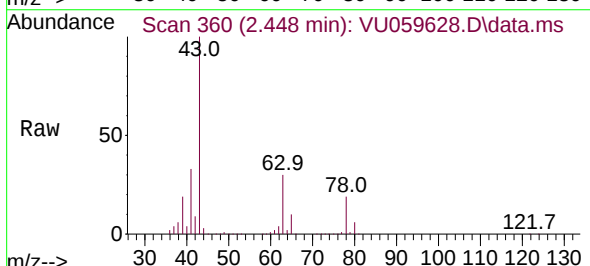
Acq: 28 Jun 2024 18:17

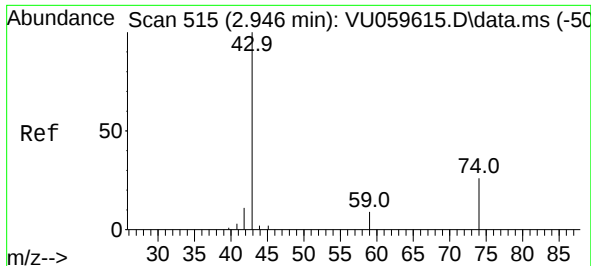
Tgt Ion: 43 Resp: 3232614

Ion Ratio Lower Upper

43 100

58 1.3 0.0 68.0





#15

Methyl Acetate

Concen: 1567.917 ug/L

RT: 2.792 min Scan# 4

Delta R.T. -0.154 min

Lab File: VU059628.D

Acq: 28 Jun 2024 18:17

Instrument :

MSVOA_U

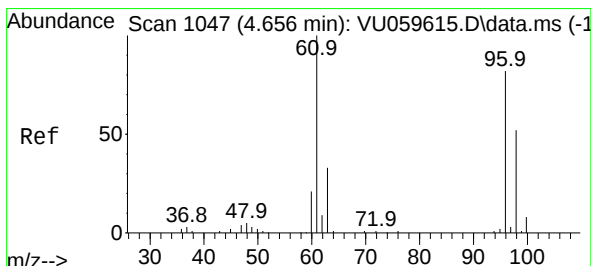
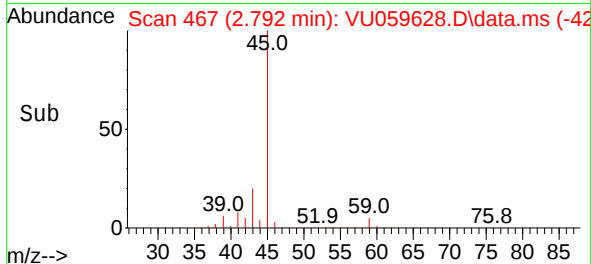
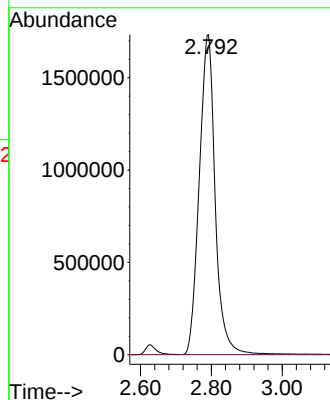
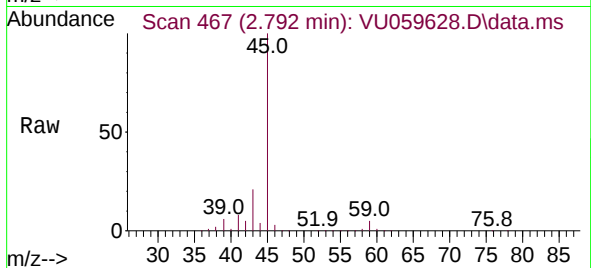
ClientSampleId :

Tgt Ion: 43 Resp: 5393124

Ion Ratio Lower Upper

43 100

74 0.0 19.2 28.8#



#22

cis-1,2-Dichloroethene

Concen: 0.183 ug/L

RT: 4.666 min Scan# 1050

Delta R.T. 0.010 min

Lab File: VU059628.D

Acq: 28 Jun 2024 18:17

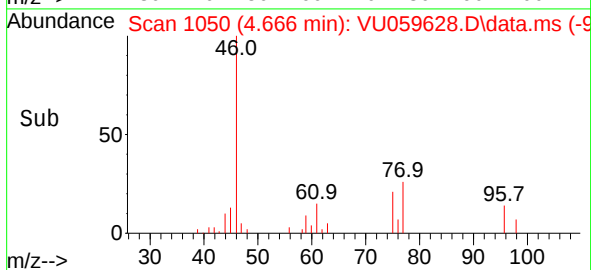
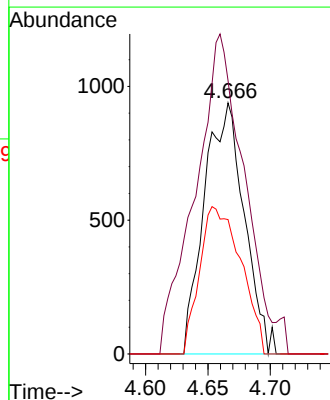
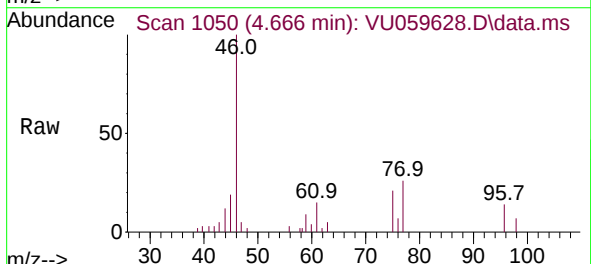
Tgt Ion: 96 Resp: 2089

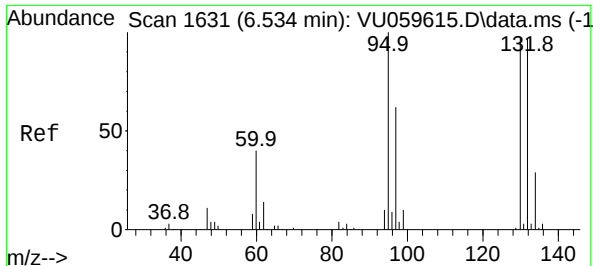
Ion Ratio Lower Upper

96 100

61 109.0 87.4 162.2

98 53.5 42.3 78.5





#34

Trichloroethene

Concen: 0.415 ug/L

RT: 6.541 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU059628.D

Acq: 28 Jun 2024 18:17

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 5038

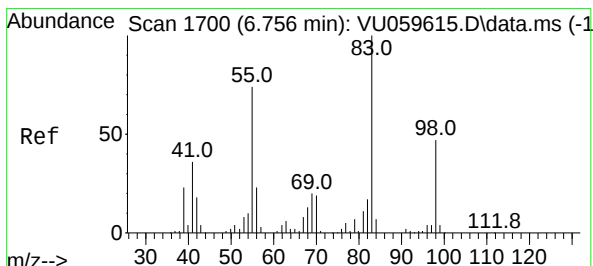
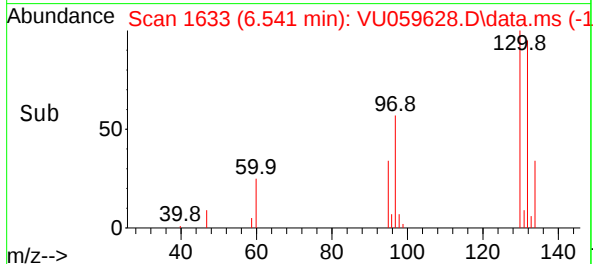
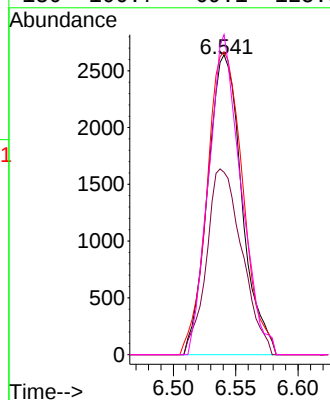
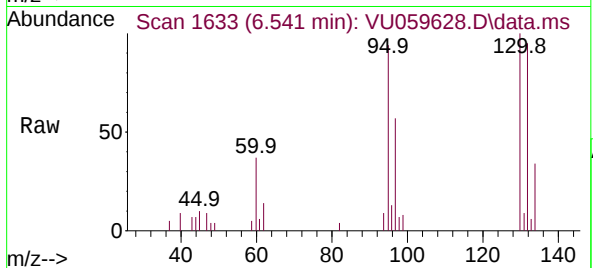
Ion Ratio Lower Upper

95 100

97 60.8 45.3 84.1

132 101.1 64.0 119.0

130 106.7 69.1 128.3



#35

Methylcyclohexane

Concen: 0.777 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU059628.D

Acq: 28 Jun 2024 18:17

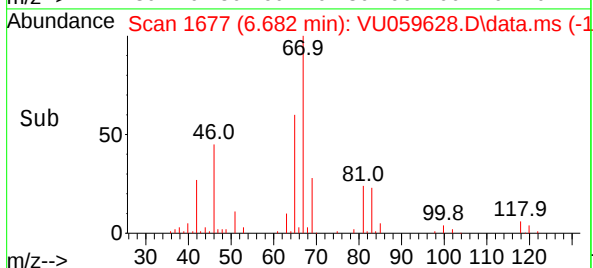
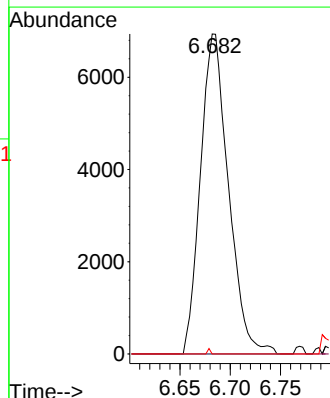
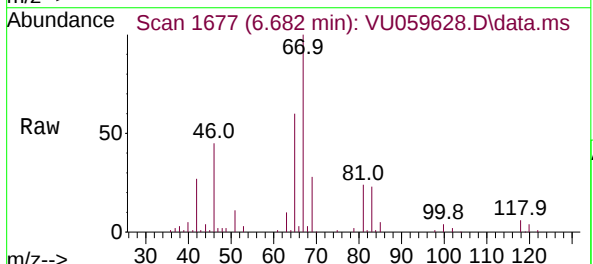
Tgt Ion: 83 Resp: 13427

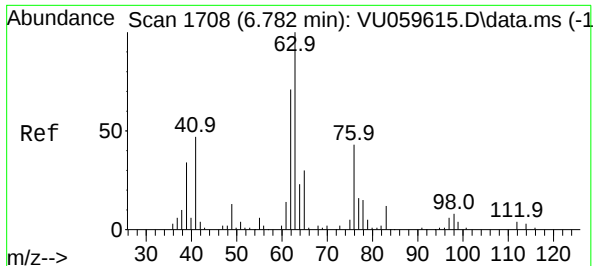
Ion Ratio Lower Upper

83 100

55 0.0 62.7 94.1#

98 0.2 35.4 53.0#

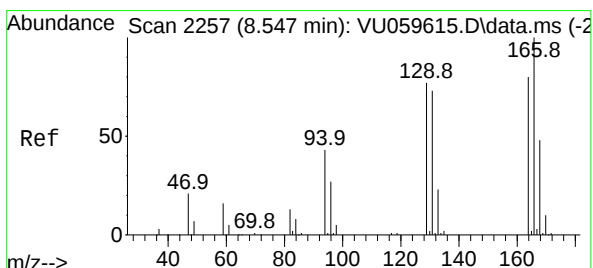
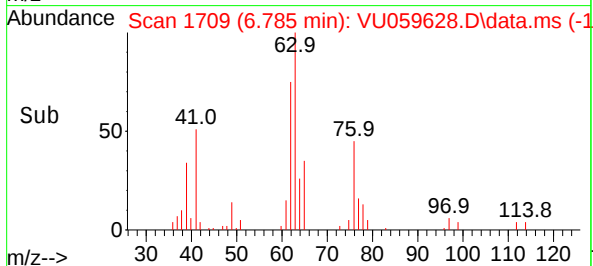
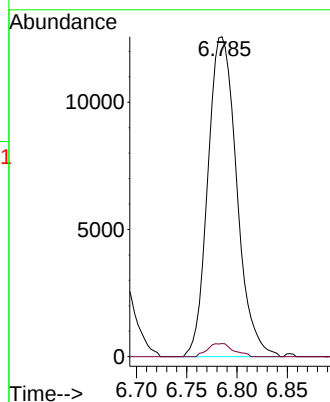
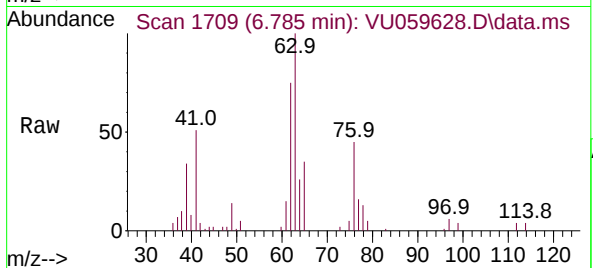




#37
1,2-Dichloropropane
Concen: 2.164 ug/L
RT: 6.785 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU059628.D
Acq: 28 Jun 2024 18:17

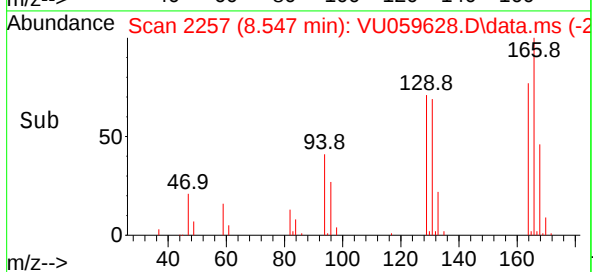
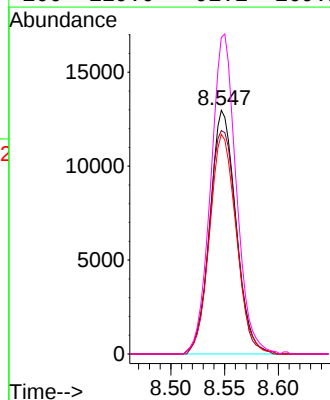
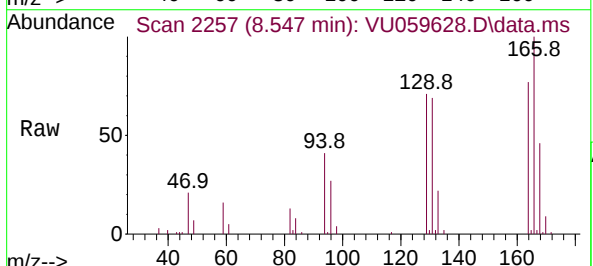
Instrument :
MSVOA_U
ClientSampleId :

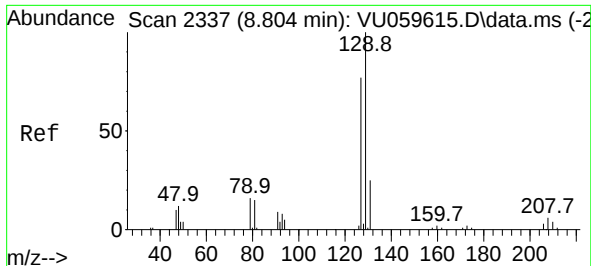
Tgt Ion: 63 Resp: 25123
Ion Ratio Lower Upper
63 100
112 3.7 2.6 3.8



#47
Tetrachloroethene
Concen: 2.319 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU059628.D
Acq: 28 Jun 2024 18:17

Tgt Ion:164 Resp: 21864
Ion Ratio Lower Upper
164 100
129 91.6 70.8 131.4
131 90.2 64.8 120.3
166 129.9 91.1 169.1





#49

Dibromochloromethane

Concen: 2.216 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU059628.D

Acq: 28 Jun 2024 18:17

Instrument :

MSVOA_U

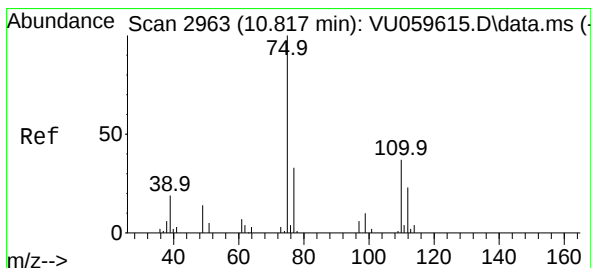
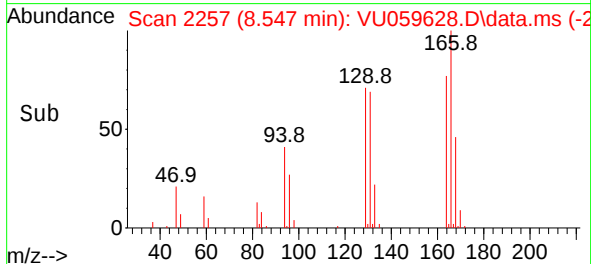
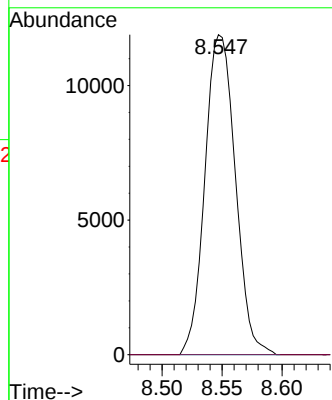
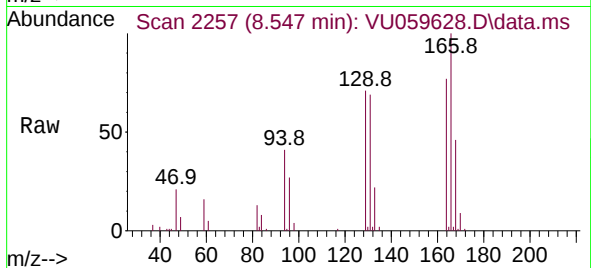
ClientSampleId :

Tgt Ion:129 Resp: 21004

Ion Ratio Lower Upper

129 100

127 0.0 52.5 97.5#



#61

1,2,3-Trichloropropane

Concen: 1.224 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU059628.D

Acq: 28 Jun 2024 18:17

Tgt Ion: 75 Resp: 7202

Ion Ratio Lower Upper

75 100

110 0.6 27.1 40.7#

77 30.0 25.4 38.2

