

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062824\
 Data File : VU059606.D
 Acq On : 28 Jun 2024 09:01
 Operator : MD/SY
 Sample : P3007-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 28 23:13:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 28 02:08:17 2024
 Response via : Initial Calibration

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

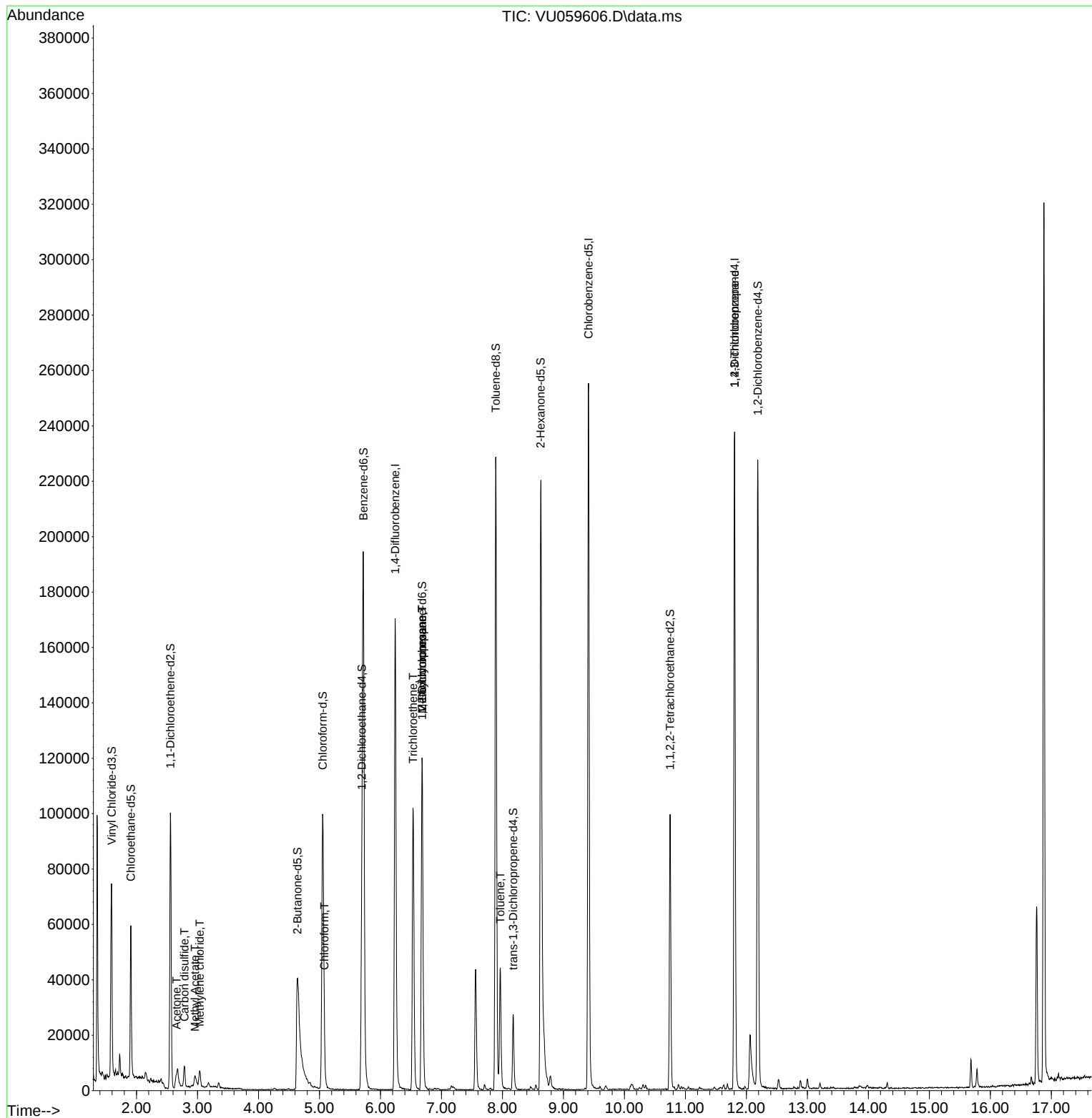
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	144304	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	152230	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	69171	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	41016	4.088	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.800%
7) Chloroethane-d5	1.907	69	42199	4.371	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.400%
11) 1,1-Dichloroethene-d2	2.557	65	18902	4.541	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.800%
20) 2-Butanone-d5	4.637	46	89355	43.231	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.460%
24) Chloroform-d	5.052	84	97990	4.758	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	5.695	65	45863	4.623	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
32) Benzene-d6	5.721	84	191902	4.580	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
36) 1,2-Dichloropropane-d6	6.682	67	60619	4.722	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.400%
41) Toluene-d8	7.891	98	162754	4.179	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.600%
43) trans-1,3-Dichloroprop...	8.177	79	16661	4.145	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.800%
46) 2-Hexanone-d5	8.627	63	85049	50.918	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.840%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	52853	4.983	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	66442	5.397	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.000%
Target Compounds						
					Qvalue	
13) Acetone	2.657	43	12179	9.084	ug/L	73
14) Carbon disulfide	2.785	76	10474	0.307	ug/L	97
15) Methyl Acetate	2.959	43	5945	1.680	ug/L	97
16) Methylene chloride	3.036	84	2835	0.234	ug/L	88
25) Chloroform	5.081	83	4769	0.231	ug/L	97
34) Trichloroethene	6.534	95	35934	2.870	ug/L	95
35) Methylcyclohexane	6.682	83	13826	0.776	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	5979	0.500	ug/L #	90
42) Toluene	7.965	91	34138	0.698	ug/L	99
61) 1,2,3-Trichloropropane	11.807	75	7897	1.235	ug/L #	67

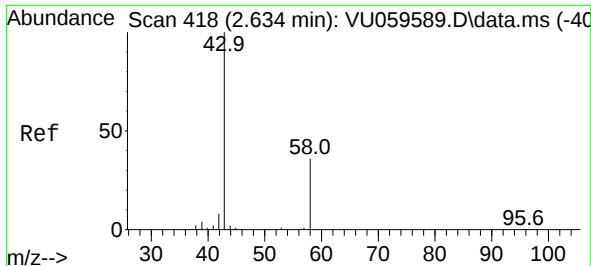
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 9.084 ug/L

RT: 2.657 min Scan# 418

Delta R.T. 0.022 min

Lab File: VU059606.D

Acq: 28 Jun 2024 09:01

Instrument :

MSVOA_U

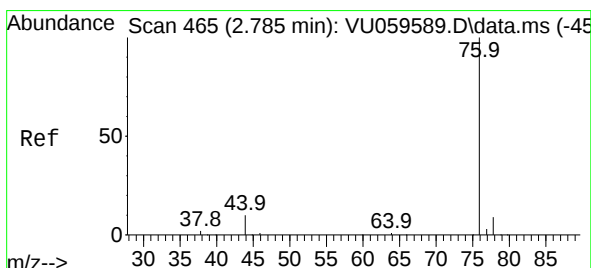
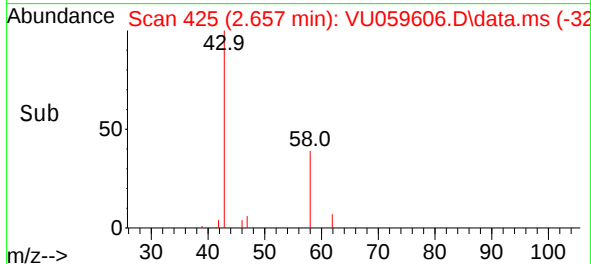
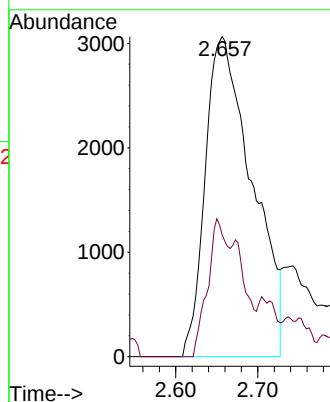
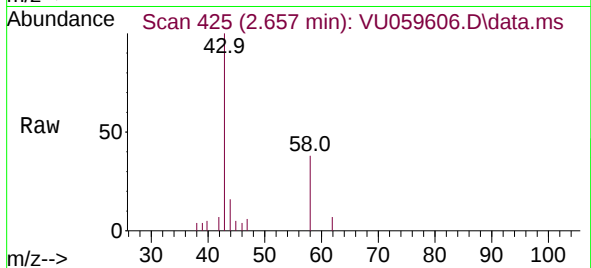
ClientSampleId :

Tgt Ion: 43 Resp: 12179

Ion Ratio Lower Upper

43 100

58 18.6 0.0 68.0



#14

Carbon disulfide

Concen: 0.307 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.000 min

Lab File: VU059606.D

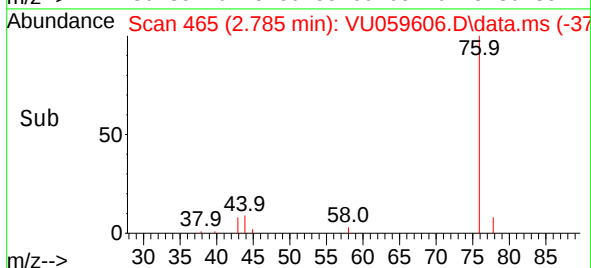
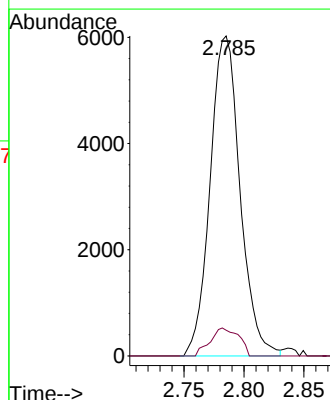
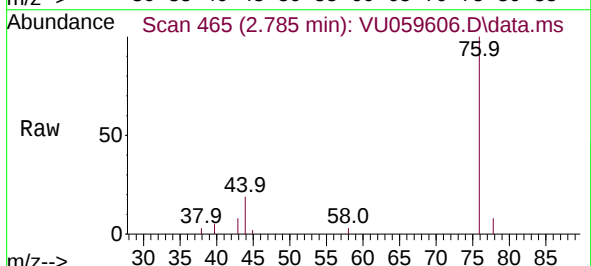
Acq: 28 Jun 2024 09:01

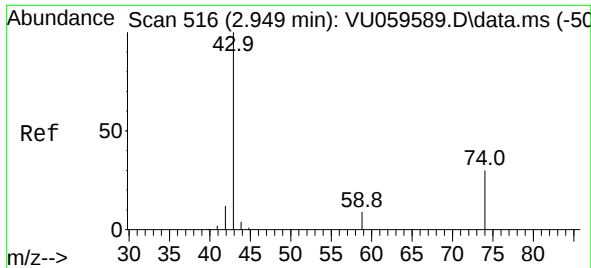
Tgt Ion: 76 Resp: 10474

Ion Ratio Lower Upper

76 100

78 8.1 7.3 10.9





#15

Methyl Acetate

Concen: 1.680 ug/L

RT: 2.959 min Scan# 516

Delta R.T. 0.010 min

Lab File: VU059606.D

Acq: 28 Jun 2024 09:01

Instrument :

MSVOA_U

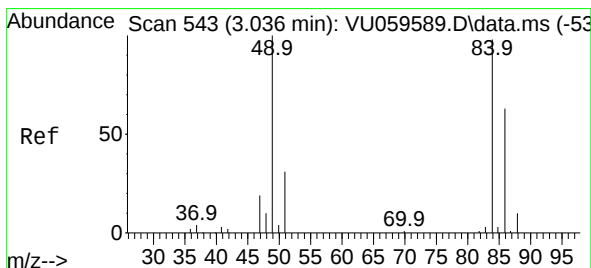
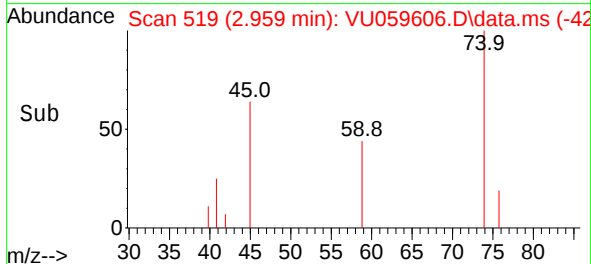
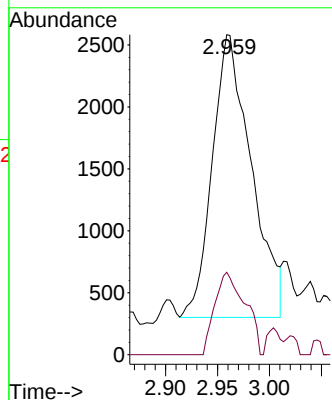
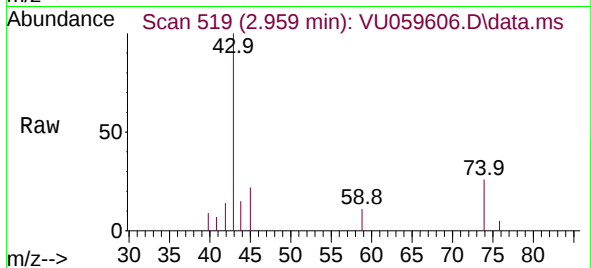
ClientSampleId :

Tgt Ion: 43 Resp: 5945

Ion Ratio Lower Upper

43 100

74 22.7 19.2 28.8



#16

Methylene chloride

Concen: 0.234 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.000 min

Lab File: VU059606.D

Acq: 28 Jun 2024 09:01

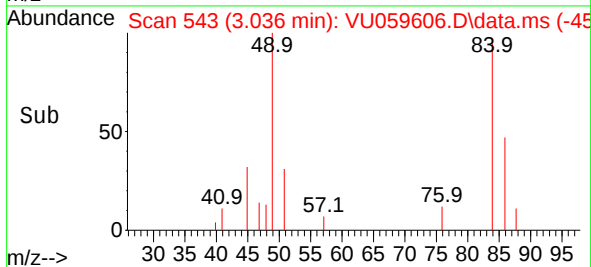
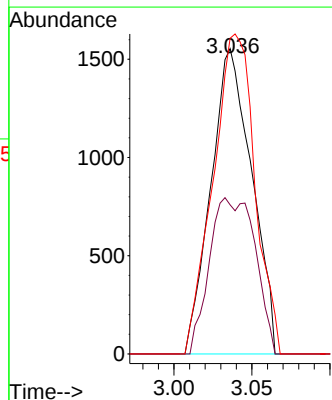
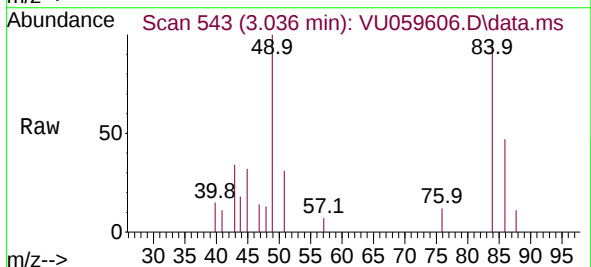
Tgt Ion: 84 Resp: 2835

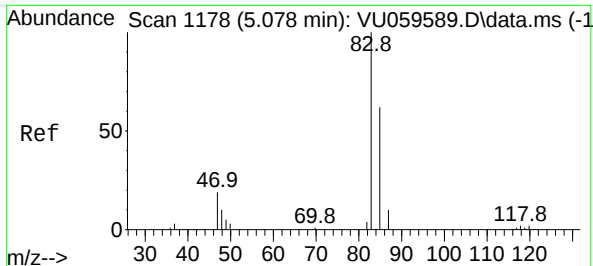
Ion Ratio Lower Upper

84 100

86 48.8 42.1 78.1

49 103.4 80.6 149.8





#25

Chloroform

Concen: 0.231 ug/L

RT: 5.081 min Scan# 1178

Delta R.T. 0.003 min

Lab File: VU059606.D

Acq: 28 Jun 2024 09:01

Instrument :

MSVOA_U

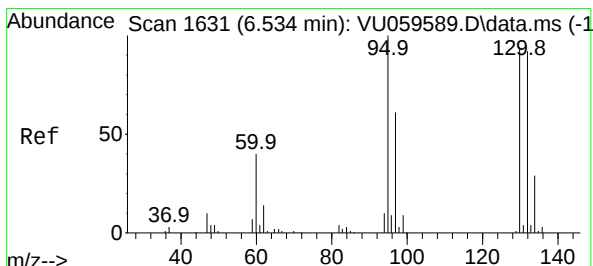
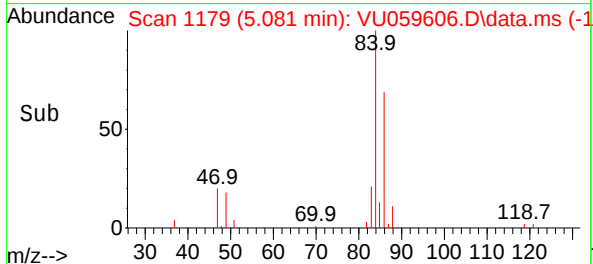
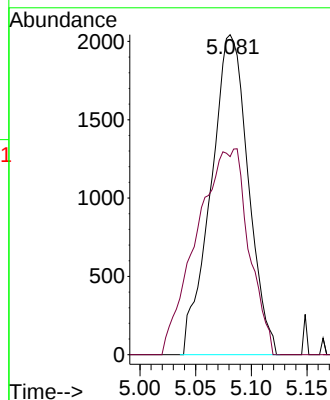
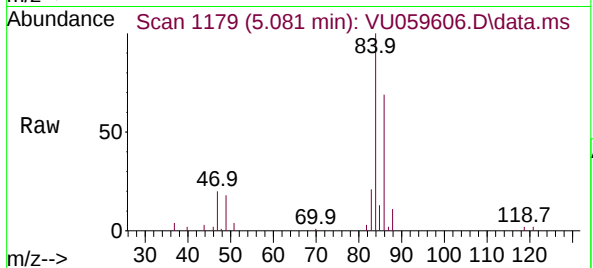
ClientSampleId :

Tgt Ion: 83 Resp: 4769

Ion Ratio Lower Upper

83 100

85 61.9 44.7 83.1



#34

Trichloroethene

Concen: 2.870 ug/L

RT: 6.534 min Scan# 1631

Delta R.T. -0.000 min

Lab File: VU059606.D

Acq: 28 Jun 2024 09:01

Tgt Ion: 95 Resp: 35934

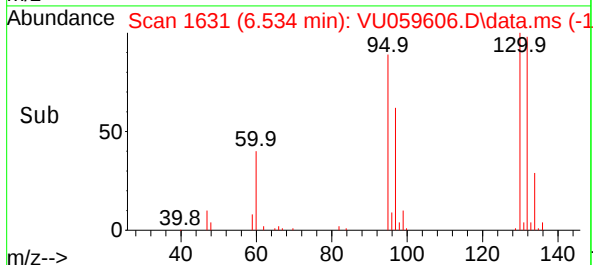
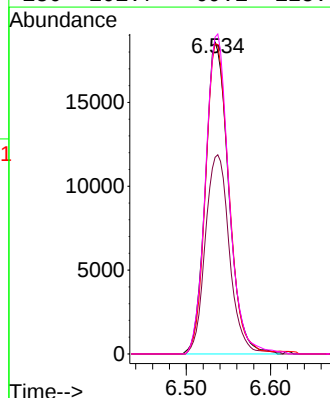
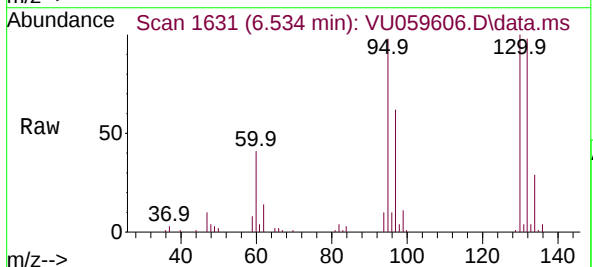
Ion Ratio Lower Upper

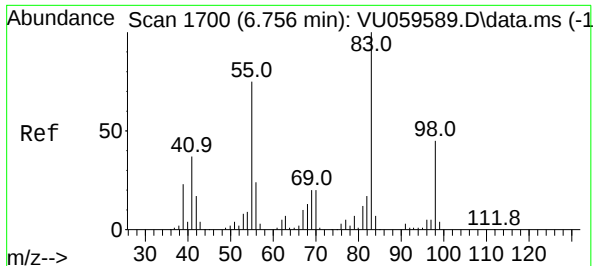
95 100

97 63.1 45.3 84.1

132 99.6 64.0 119.0

130 101.7 69.1 128.3

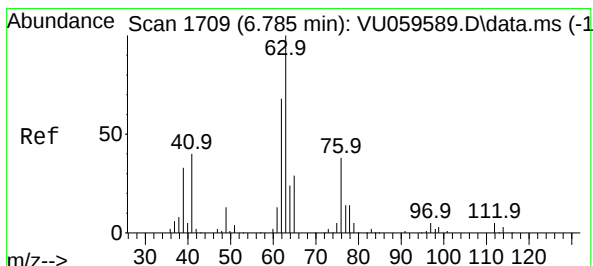
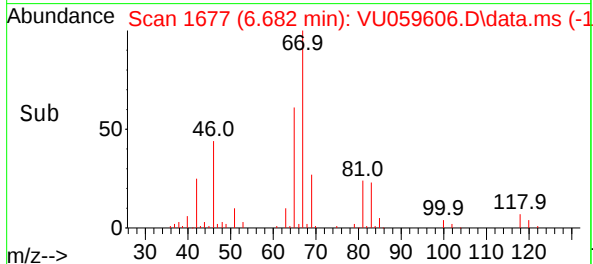
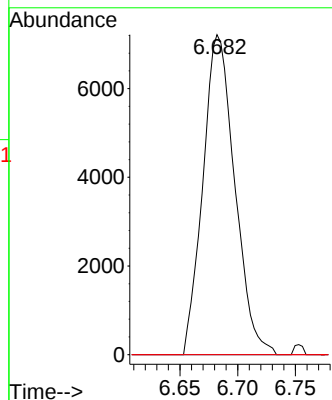
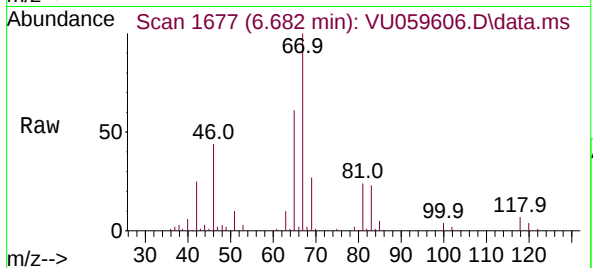




#35
Methylcyclohexane
Concen: 0.776 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU059606.D
Acq: 28 Jun 2024 09:01

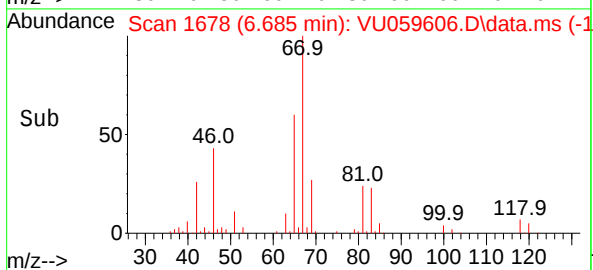
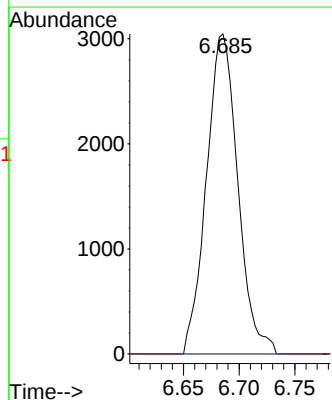
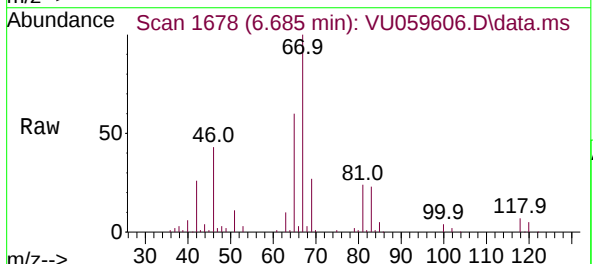
Instrument :
MSVOA_U
ClientSampleId :

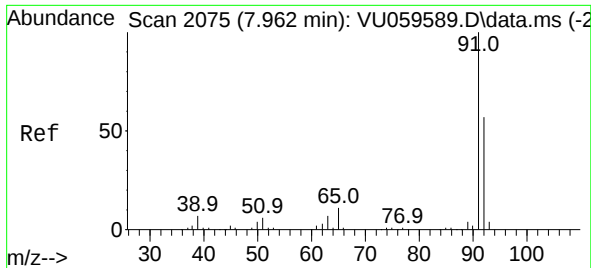
Tgt Ion: 83 Resp: 13826
Ion Ratio Lower Upper
83 100
55 0.0 62.7 94.1#
98 2.2 35.4 53.0#



#37
1,2-Dichloropropane
Concen: 0.500 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.100 min
Lab File: VU059606.D
Acq: 28 Jun 2024 09:01

Tgt Ion: 63 Resp: 5979
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#





#42

Toluene

Concen: 0.698 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU059606.D

Acq: 28 Jun 2024 09:01

Instrument :

MSVOA_U

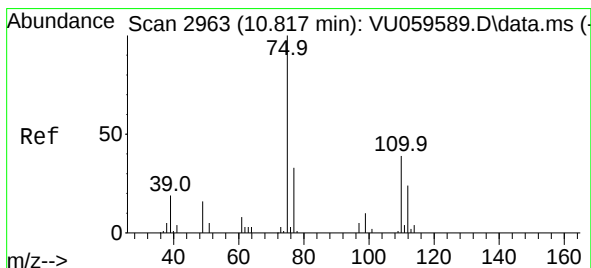
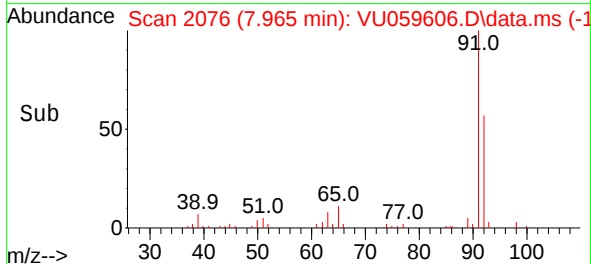
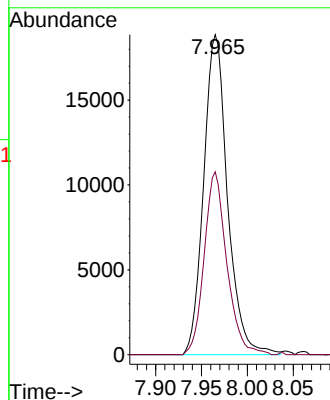
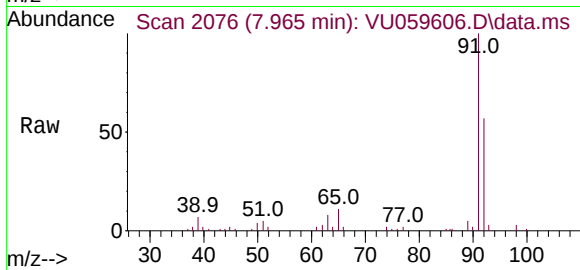
ClientSampleId :

Tgt Ion: 91 Resp: 34138

Ion Ratio Lower Upper

91 100

92 57.2 39.7 73.7



#61

1,2,3-Trichloropropane

Concen: 1.235 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU059606.D

Acq: 28 Jun 2024 09:01

Tgt Ion: 75 Resp: 7897

Ion Ratio Lower Upper

75 100

110 0.0 27.1 40.7

77 29.5 25.4 38.2

