

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072924\
 Data File : VU060261.D
 Acq On : 29 Jul 2024 19:14
 Operator : MD/SY
 Sample : P3359-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 30 04:25:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jul 30 04:21:24 2024
 Response via : Initial Calibration

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

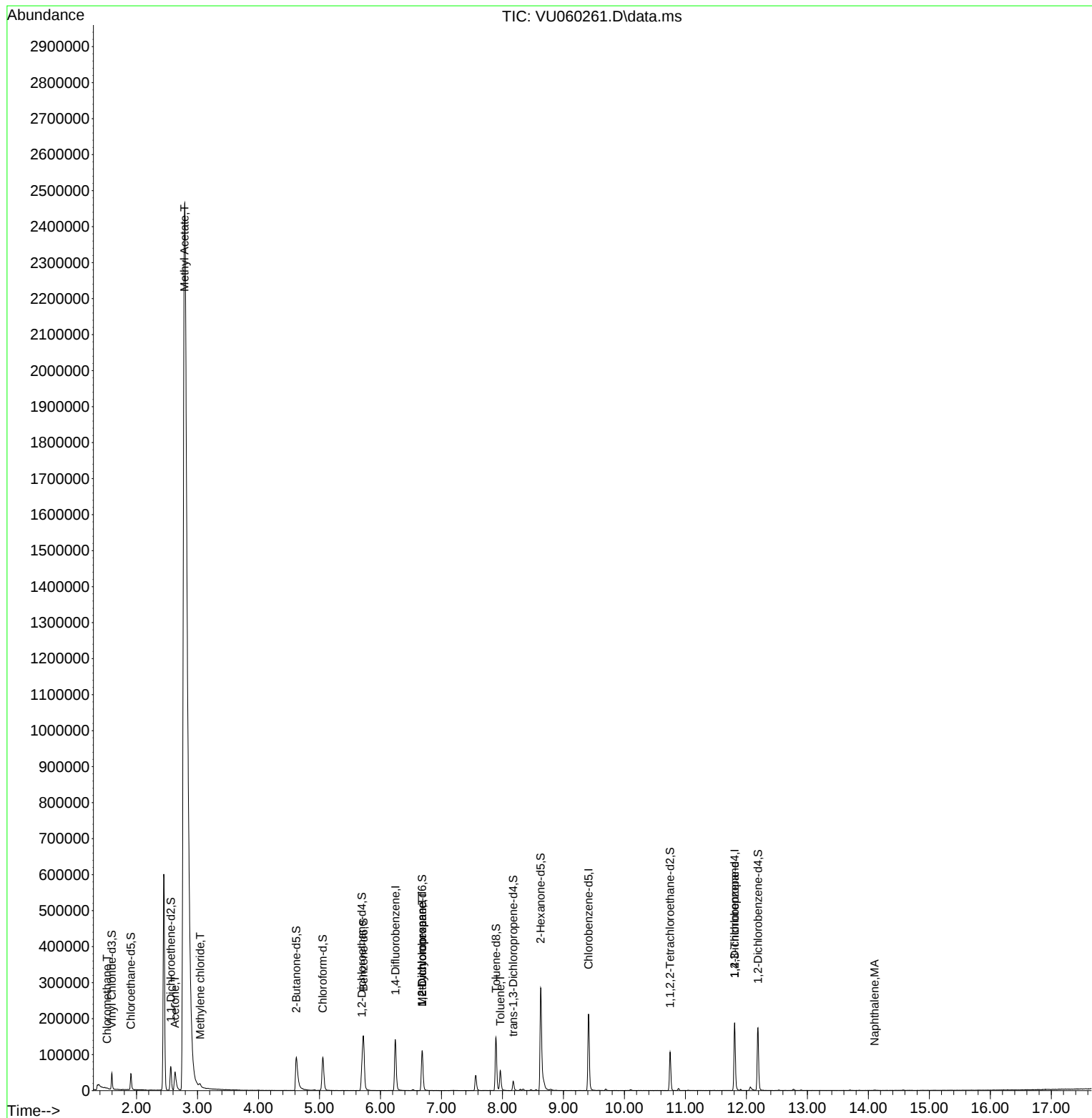
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	120490	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	127993	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	53457	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	33094	3.948	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.000%
7) Chloroethane-d5	1.907	69	34647	4.449	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.000%
11) 1,1-Dichloroethene-d2	2.563	65	13084	3.997	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.000%
20) 2-Butanone-d5	4.621	46	151688	77.394	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	154.780%#
24) Chloroform-d	5.055	84	86444	4.906	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
26) 1,2-Dichloroethane-d4	5.695	65	45013	5.487	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.800%
32) Benzene-d6	5.721	84	146962	4.286	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
36) 1,2-Dichloropropane-d6	6.685	67	60202	5.509	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.200%
41) Toluene-d8	7.894	98	104355	3.368	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.400%#
43) trans-1,3-Dichloroprop...	8.177	79	16579	4.457	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.200%
46) 2-Hexanone-d5	8.627	63	97974	59.356	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.720%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	57515	5.914	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	118.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	49427	5.122	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.400%
Target Compounds						Qvalue
3) Chloromethane	1.515	50	1317	0.120	ug/L	94
13) Acetone	2.631	43	73349	56.574	ug/L	97
15) Methyl Acetate	2.788	43	1436125	450.368	ug/L #	45
16) Methylene chloride	3.042	84	4089	0.363	ug/L	95
35) Methylcyclohexane	6.682	83	12875	0.876	ug/L #	21
37) 1,2-Dichloropropane	6.682	63	5896	0.516	ug/L #	88
42) Toluene	7.965	91	42314	0.940	ug/L	97
61) 1,2,3-Trichloropropane	11.807	75	6417	1.139	ug/L #	68
71) Naphthalene	14.103	128	2039	0.133	ug/L #	72

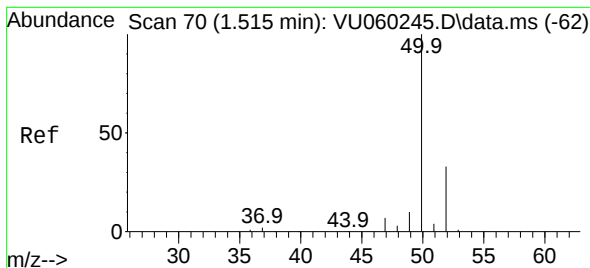
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.120 ug/L

RT: 1.515 min Scan# 70

Delta R.T. 0.000 min

Lab File: VU060261.D

Acq: 29 Jul 2024 19:14

Instrument :

MSVOA_U

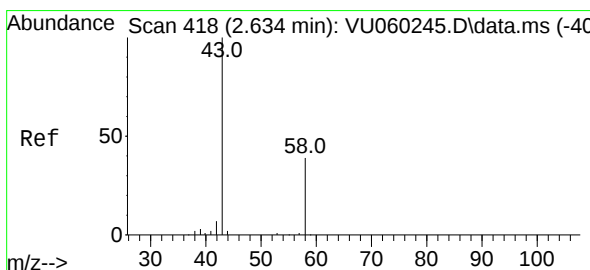
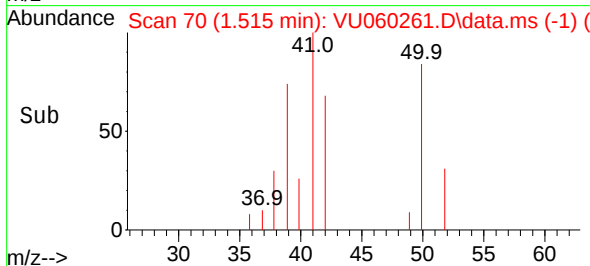
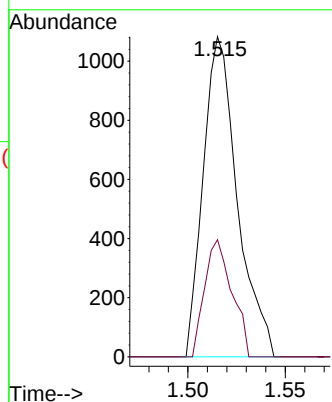
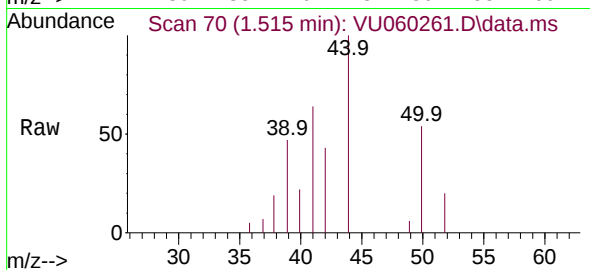
ClientSampleId :

Tgt Ion: 50 Resp: 1317

Ion Ratio Lower Upper

50 100

52 36.6 23.4 43.4



#13

Acetone

Concen: 56.574 ug/L

RT: 2.631 min Scan# 417

Delta R.T. -0.003 min

Lab File: VU060261.D

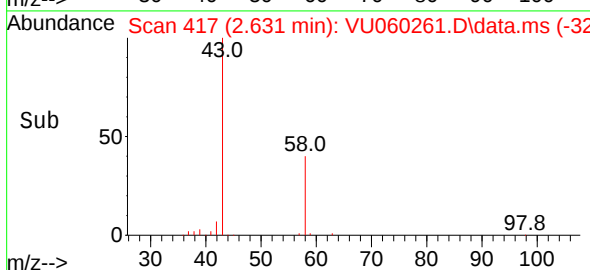
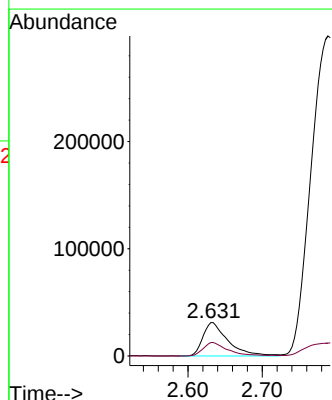
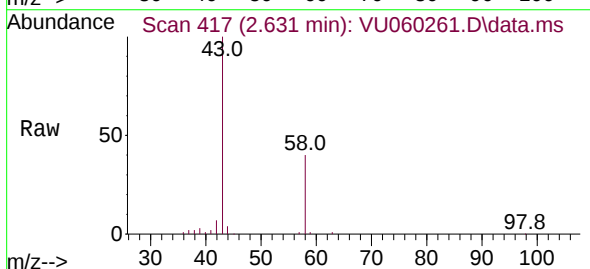
Acq: 29 Jul 2024 19:14

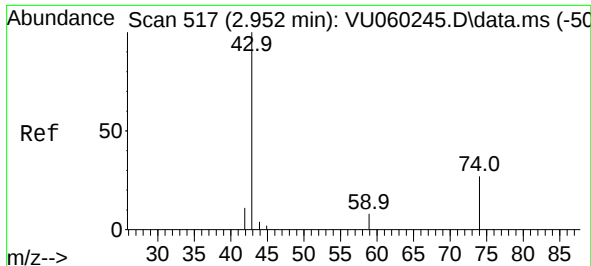
Tgt Ion: 43 Resp: 73349

Ion Ratio Lower Upper

43 100

58 39.2 0.0 82.2





#15

Methyl Acetate

Concen: 450.368 ug/L

RT: 2.788 min Scan# 4

Delta R.T. -0.164 min

Lab File: VU060261.D

Acq: 29 Jul 2024 19:14

Instrument :

MSVOA_U

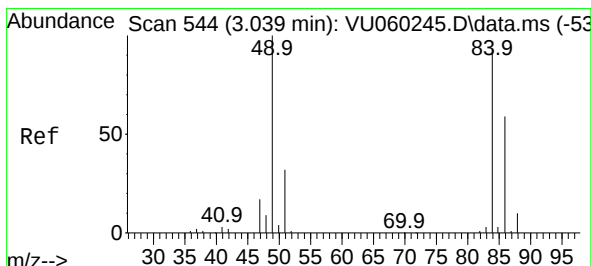
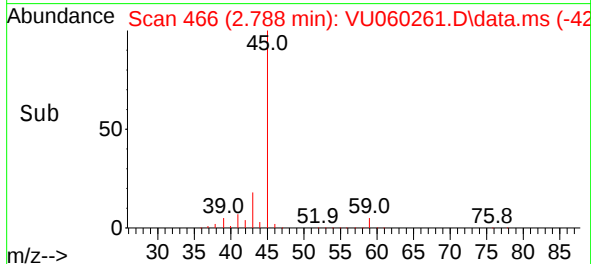
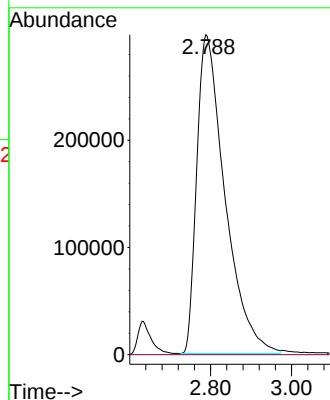
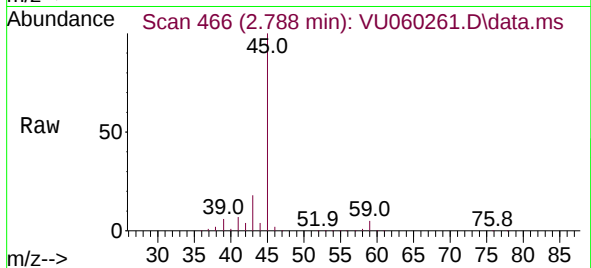
ClientSampleId :

Tgt Ion: 43 Resp: 1436125

Ion Ratio Lower Upper

43 100

74 0.0 23.5 35.3#



#16

Methylene chloride

Concen: 0.363 ug/L

RT: 3.042 min Scan# 545

Delta R.T. 0.003 min

Lab File: VU060261.D

Acq: 29 Jul 2024 19:14

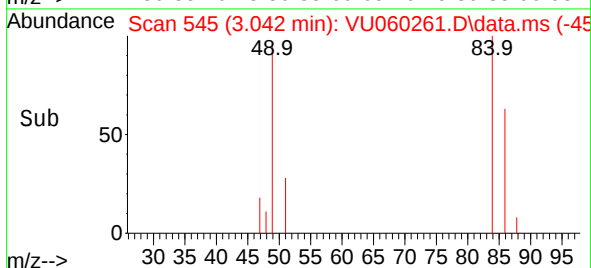
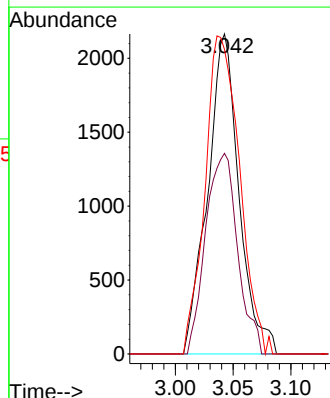
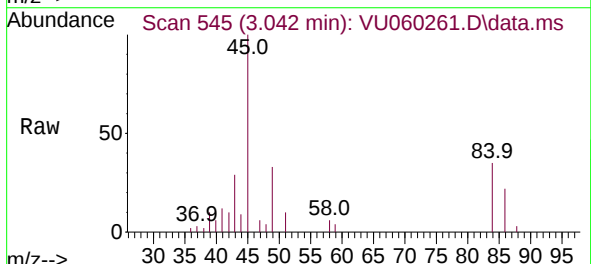
Tgt Ion: 84 Resp: 4089

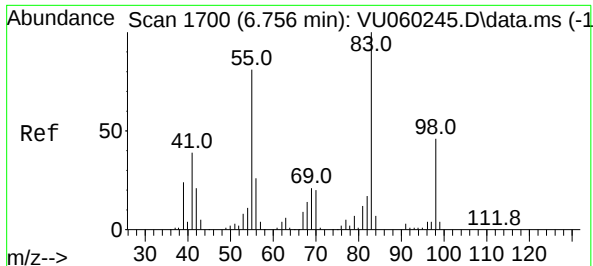
Ion Ratio Lower Upper

84 100

86 62.7 44.4 82.5

49 95.2 72.0 133.6





#35

Methylcyclohexane

Concen: 0.876 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU060261.D

Acq: 29 Jul 2024 19:14

Instrument :

MSVOA_U

ClientSampleId :

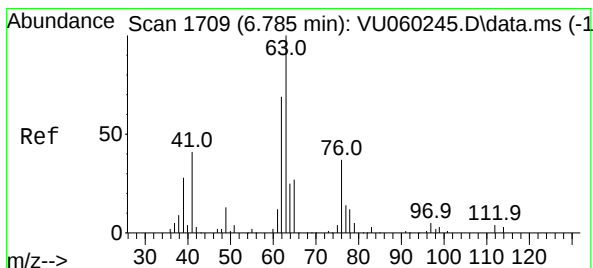
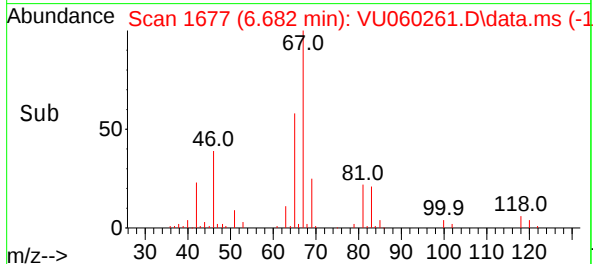
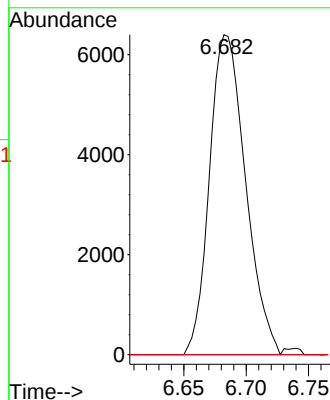
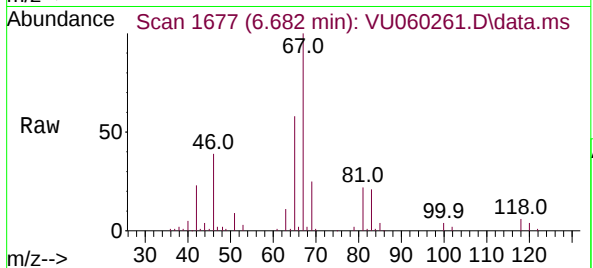
Tgt Ion: 83 Resp: 12875

Ion Ratio Lower Upper

83 100

55 0.0 56.7 85.1#

98 0.3 36.6 55.0#



#37

1,2-Dichloropropane

Concen: 0.516 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.103 min

Lab File: VU060261.D

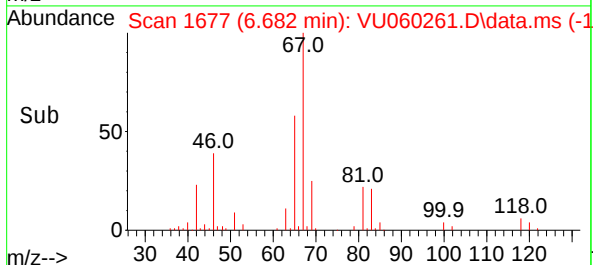
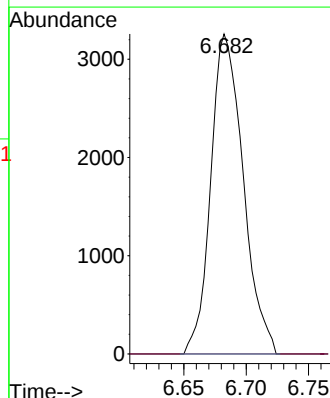
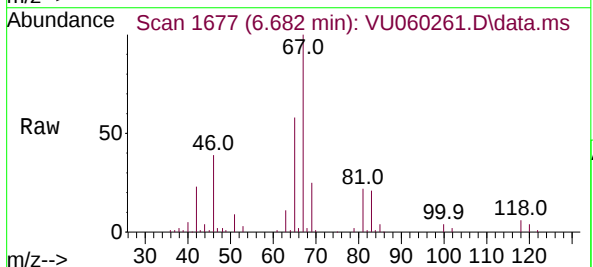
Acq: 29 Jul 2024 19:14

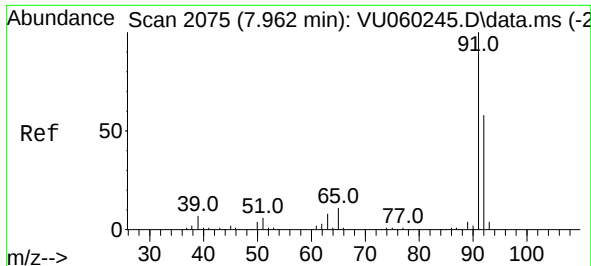
Tgt Ion: 63 Resp: 5896

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#





#42

Toluene

Concen: 0.940 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU060261.D

Acq: 29 Jul 2024 19:14

Instrument :

MSVOA_U

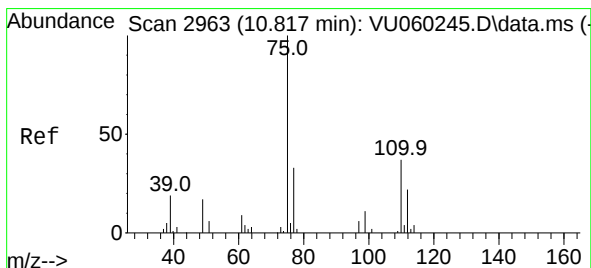
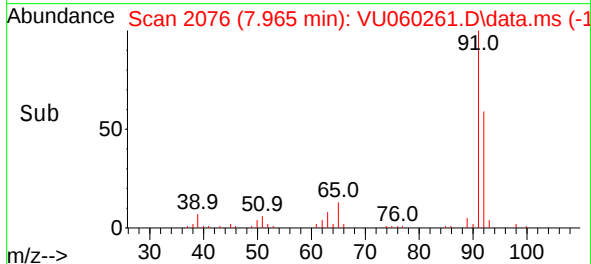
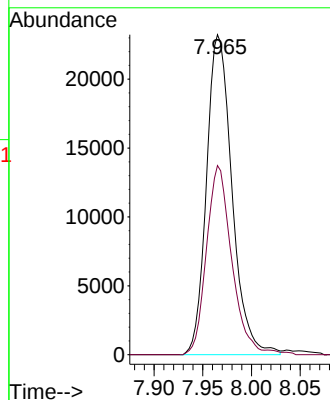
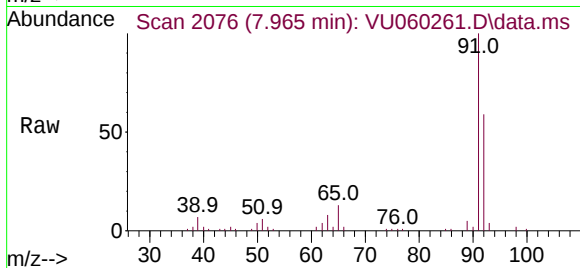
ClientSampleId :

Tgt Ion: 91 Resp: 42314

Ion Ratio Lower Upper

91 100

92 59.1 39.8 73.8



#61

1,2,3-Trichloropropane

Concen: 1.139 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU060261.D

Acq: 29 Jul 2024 19:14

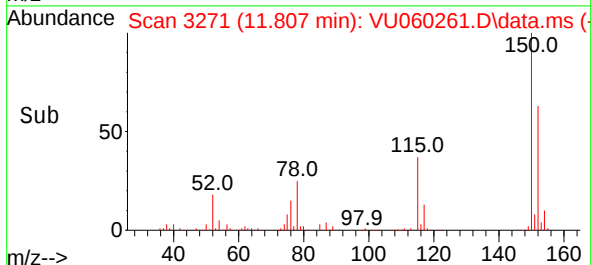
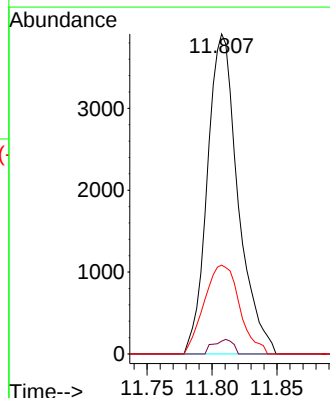
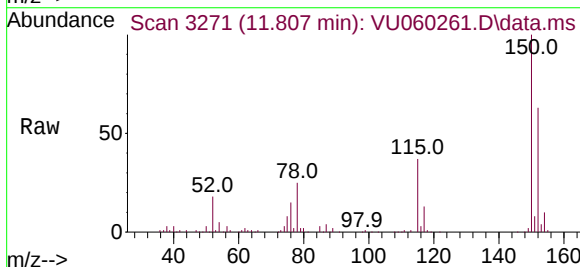
Tgt Ion: 75 Resp: 6417

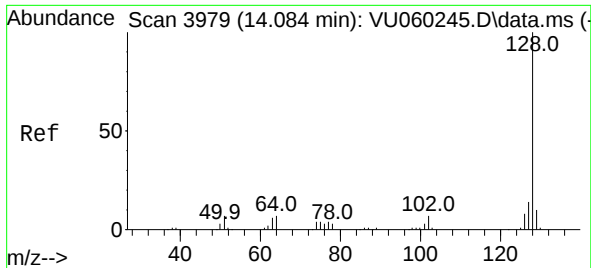
Ion Ratio Lower Upper

75 100

110 2.9 30.8 46.2#

77 32.0 26.2 39.2





#71

Naphthalene

Concen: 0.133 ug/L

RT: 14.103 min Scan# 3985

Delta R.T. 0.019 min

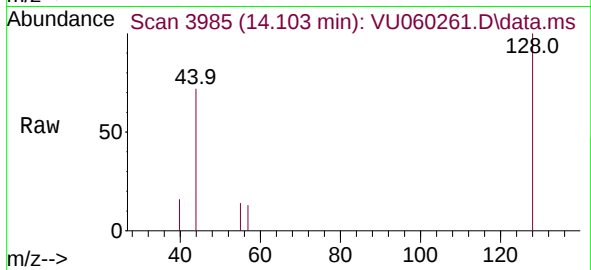
Lab File: VU060261.D

Acq: 29 Jul 2024 19:14

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:128 Resp: 2039

Ion Ratio Lower Upper

128 100

129 1.0 8.2 12.4#

127 1.2 10.6 16.0#

