

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091924\
 Data File : VU060907.D
 Acq On : 19 Sep 2024 18:43
 Operator : MD/SY
 Sample : P3987-19
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 20 00:00:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 19 23:54:48 2024
 Response via : Initial Calibration

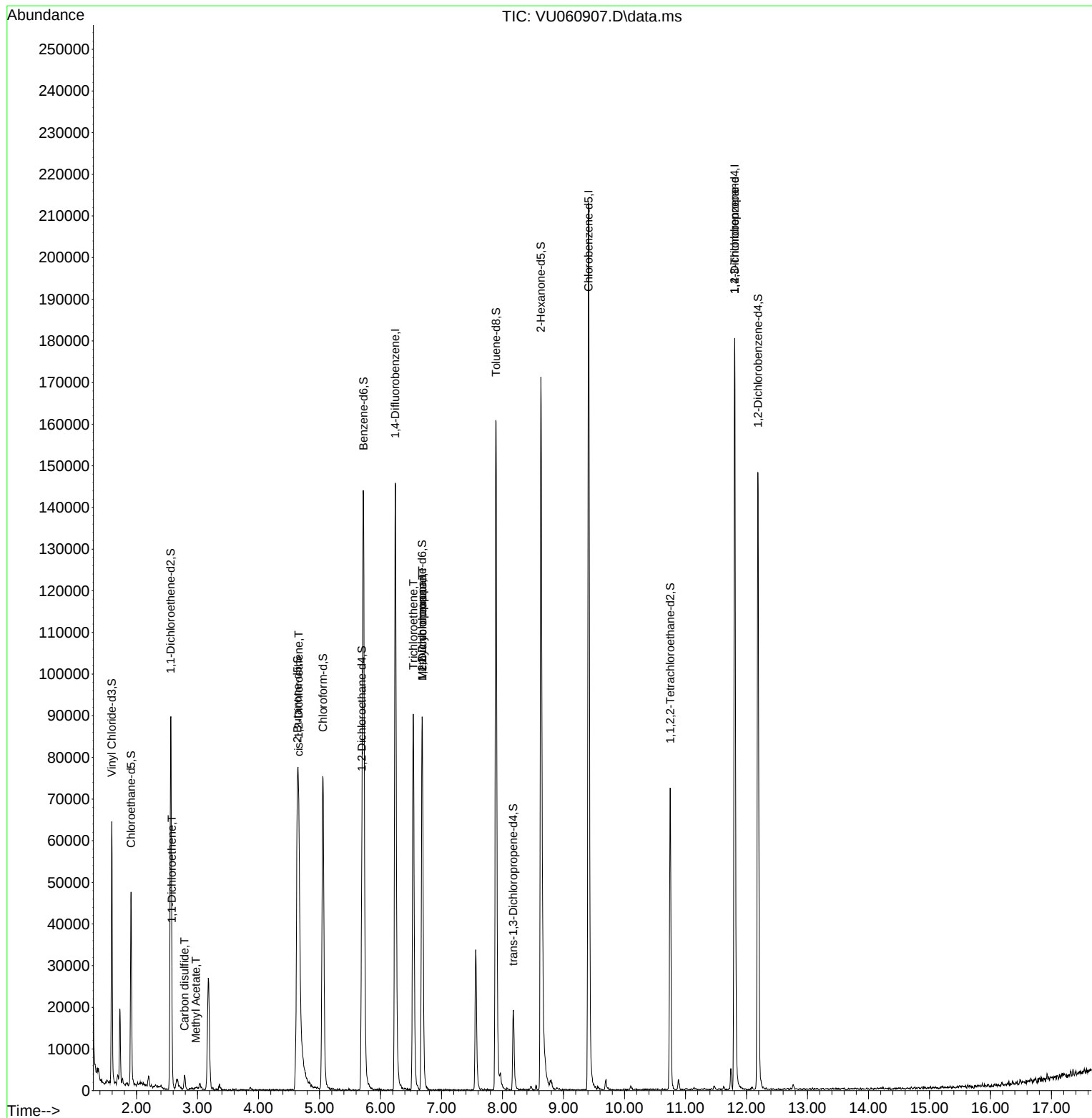
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	126164	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	134903	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	55852	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	42254	3.724	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.400%
7) Chloroethane-d5	1.911	69	34651	4.289	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.800%
11) 1,1-Dichloroethene-d2	2.560	65	17211	4.279	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.600%
20) 2-Butanone-d5	4.637	46	80646	44.269	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.540%
24) Chloroform-d	5.055	84	77555	4.471	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
26) 1,2-Dichloroethane-d4	5.695	65	38588	4.654	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
32) Benzene-d6	5.721	84	145762	4.031	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.600%
36) 1,2-Dichloropropane-d6	6.682	67	46114	4.122	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.400%
41) Toluene-d8	7.894	98	119494	3.625	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.400%
43) trans-1,3-Dichloroprop...	8.177	79	13153	3.266	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.400%
46) 2-Hexanone-d5	8.631	63	62953	39.630	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.260%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	37284	4.254	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	44951	4.790	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.800%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.579	96	2692	0.339	ug/L #	1
14) Carbon disulfide	2.788	76	4638	0.211	ug/L #	94
15) Methyl Acetate	2.975	43	715	0.241	ug/L #	52
22) cis-1,2-Dichloroethene	4.660	96	17208	1.891	ug/L	93
34) Trichloroethene	6.537	95	33628	3.458	ug/L	92
35) Methylcyclohexane	6.685	83	10986	0.823	ug/L #	17
37) 1,2-Dichloropropane	6.685	63	4940	0.483	ug/L #	93
61) 1,2,3-Trichloropropane	11.807	75	5529	1.061	ug/L #	67

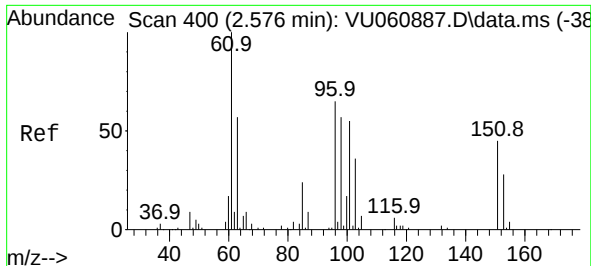
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.339 ug/L

RT: 2.579 min Scan# 400

Delta R.T. 0.003 min

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Instrument :

MSVOA_U

ClientSampleId :

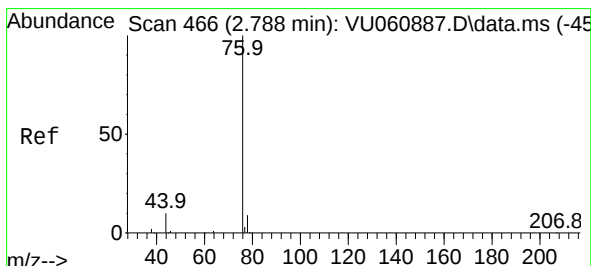
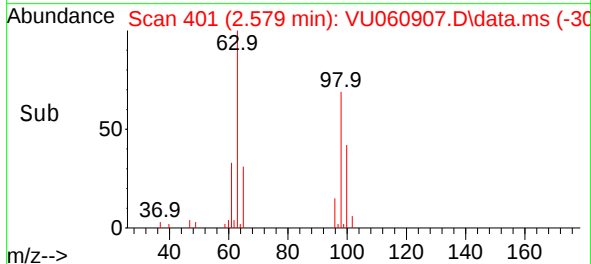
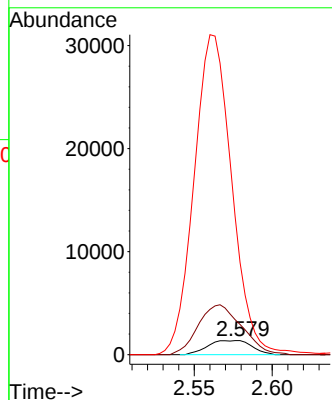
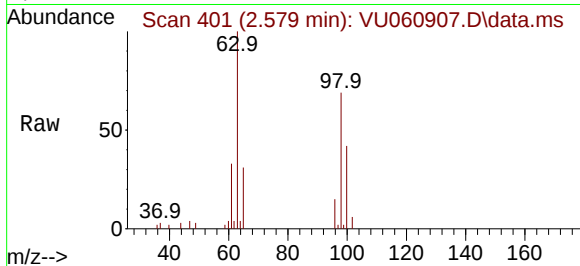
Tgt Ion: 96 Resp: 2692

Ion Ratio Lower Upper

96 100

61 214.0 120.7 224.1

63 652.2 90.0 167.2#



#14

Carbon disulfide

Concen: 0.211 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU060907.D

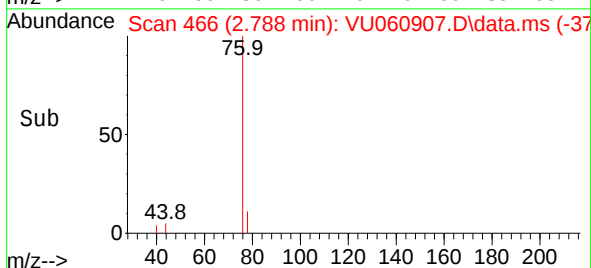
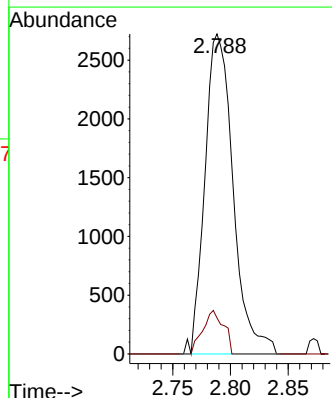
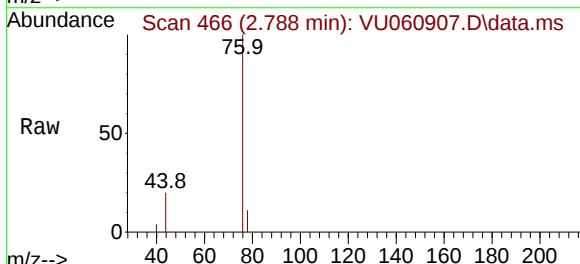
Acq: 19 Sep 2024 18:43

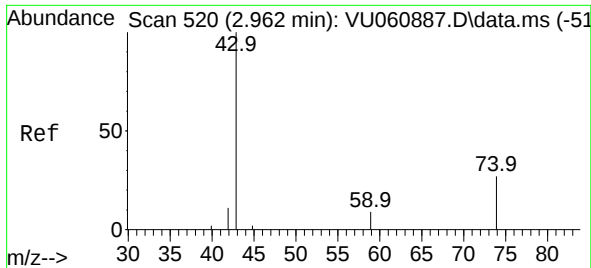
Tgt Ion: 76 Resp: 4638

Ion Ratio Lower Upper

76 100

78 11.2 7.1 10.7#





#15

Methyl Acetate

Concen: 0.241 ug/L

RT: 2.975 min Scan# 51

Delta R.T. 0.013 min

Lab File: VU060907.D

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Instrument :

MSVOA_U

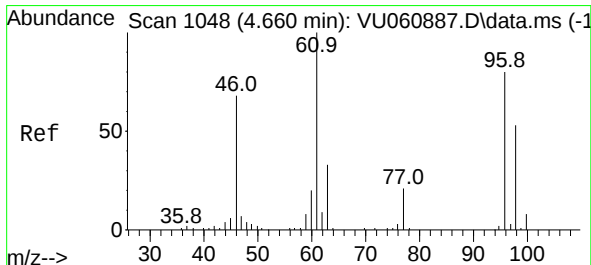
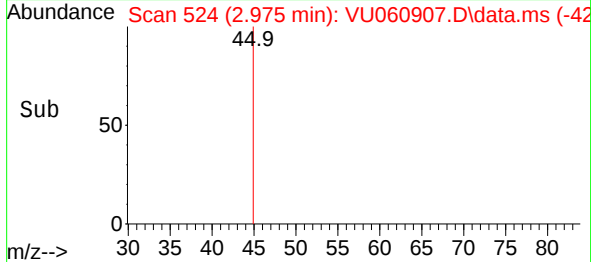
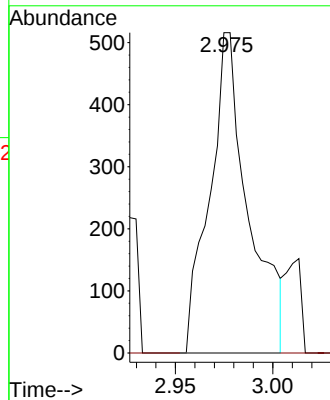
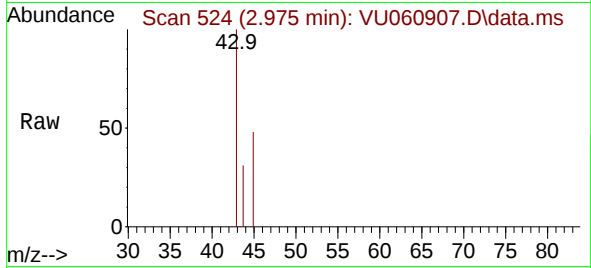
ClientSampleId :

Tgt Ion: 43 Resp: 715

Ion Ratio Lower Upper

43 100

74 0.0 18.9 28.3#



#22

cis-1,2-Dichloroethene

Concen: 1.891 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. 0.000 min

Lab File: VU060907.D

Acq: 19 Sep 2024 18:43

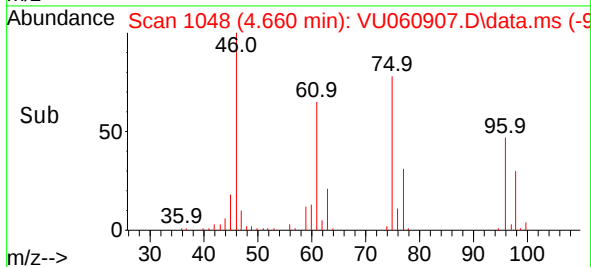
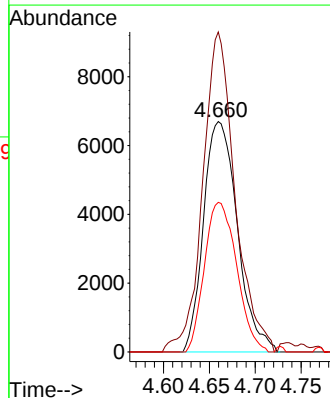
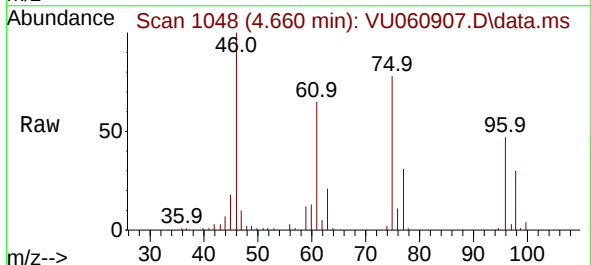
Tgt Ion: 96 Resp: 17208

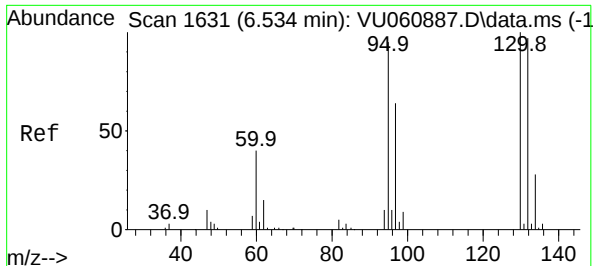
Ion Ratio Lower Upper

96 100

61 138.9 89.7 166.5

98 66.8 45.1 83.9

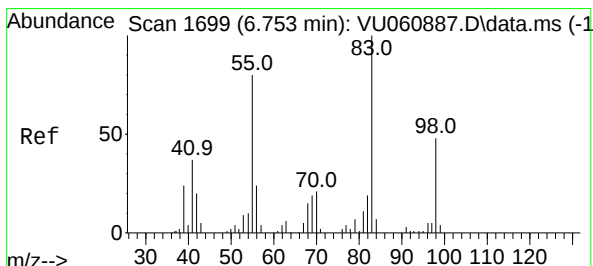
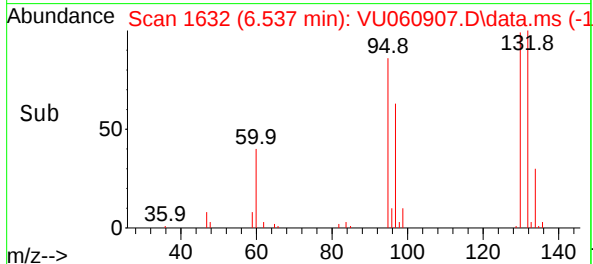
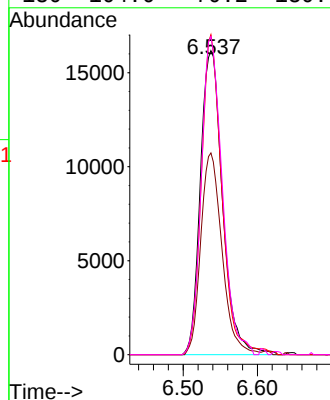
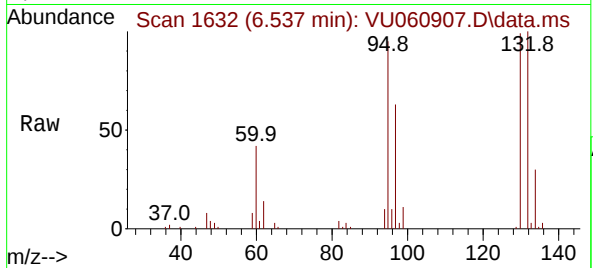




#34
Trichloroethene
Concen: 3.458 ug/L
RT: 6.537 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU060907.D
Acq: 19 Sep 2024 18:43

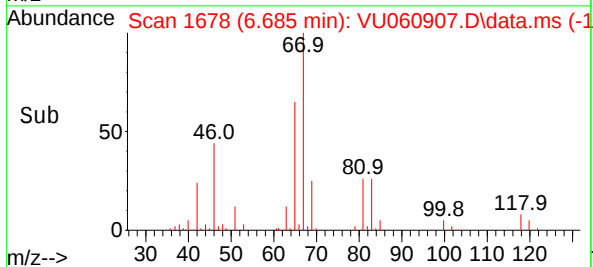
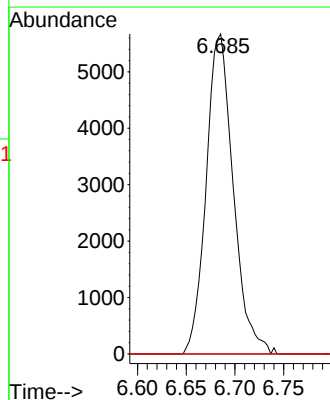
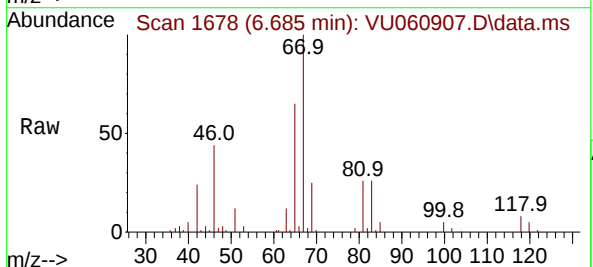
Instrument :
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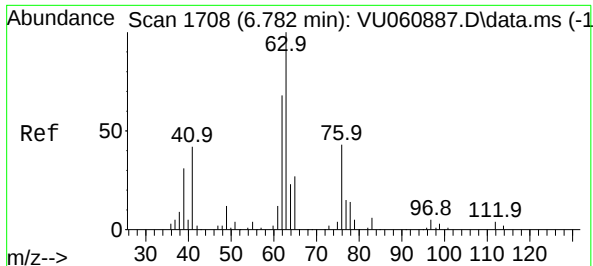
Tgt Ion: 95 Resp: 33628
Ion Ratio Lower Upper
95 100
97 66.3 44.9 83.5
132 105.3 63.5 117.9
130 104.6 70.2 130.4



#35
Methylcyclohexane
Concen: 0.823 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.068 min
Lab File: VU060907.D
Acq: 19 Sep 2024 18:43

Tgt Ion: 83 Resp: 10986
Ion Ratio Lower Upper
83 100
55 0.0 62.6 94.0#
98 0.0 37.6 56.4#

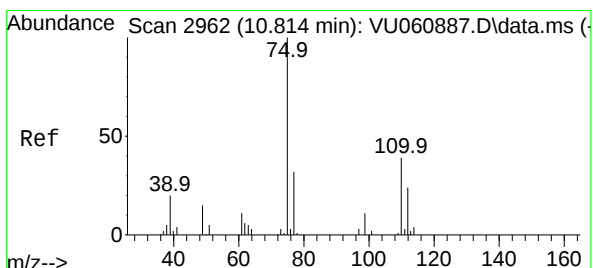
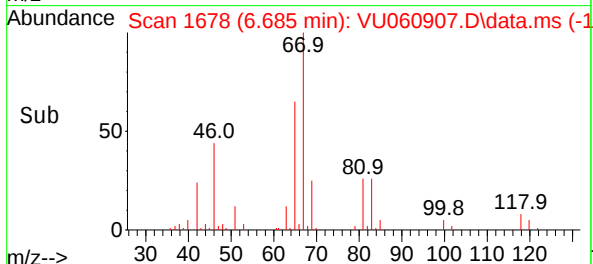
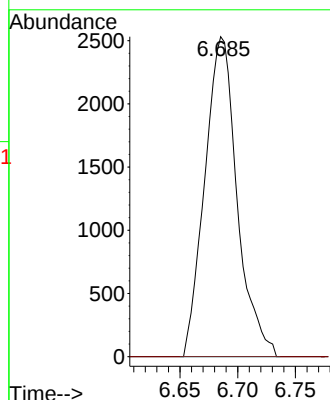
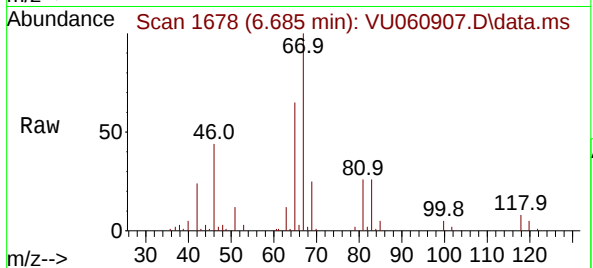




#37
1,2-Dichloropropane
Concen: 0.483 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.096 min
Lab File: VU060907.D
Acq: 19 Sep 2024 18:43

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 4940
Ion Ratio Lower Upper
63 100
112 0.0 2.0 3.0#



#61
1,2,3-Trichloropropane
Concen: 1.061 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.994 min
Lab File: VU060907.D
Acq: 19 Sep 2024 18:43

Tgt Ion: 75 Resp: 5529
Ion Ratio Lower Upper
75 100
110 0.4 28.6 43.0#
77 34.8 26.3 39.5

