

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121824\
 Data File : VU062426.D
 Acq On : 18 Dec 2024 17:05
 Operator : MD/SY
 Sample : P5305-01
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 19 00:14:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 19 00:12:34 2024
 Response via : Initial Calibration

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

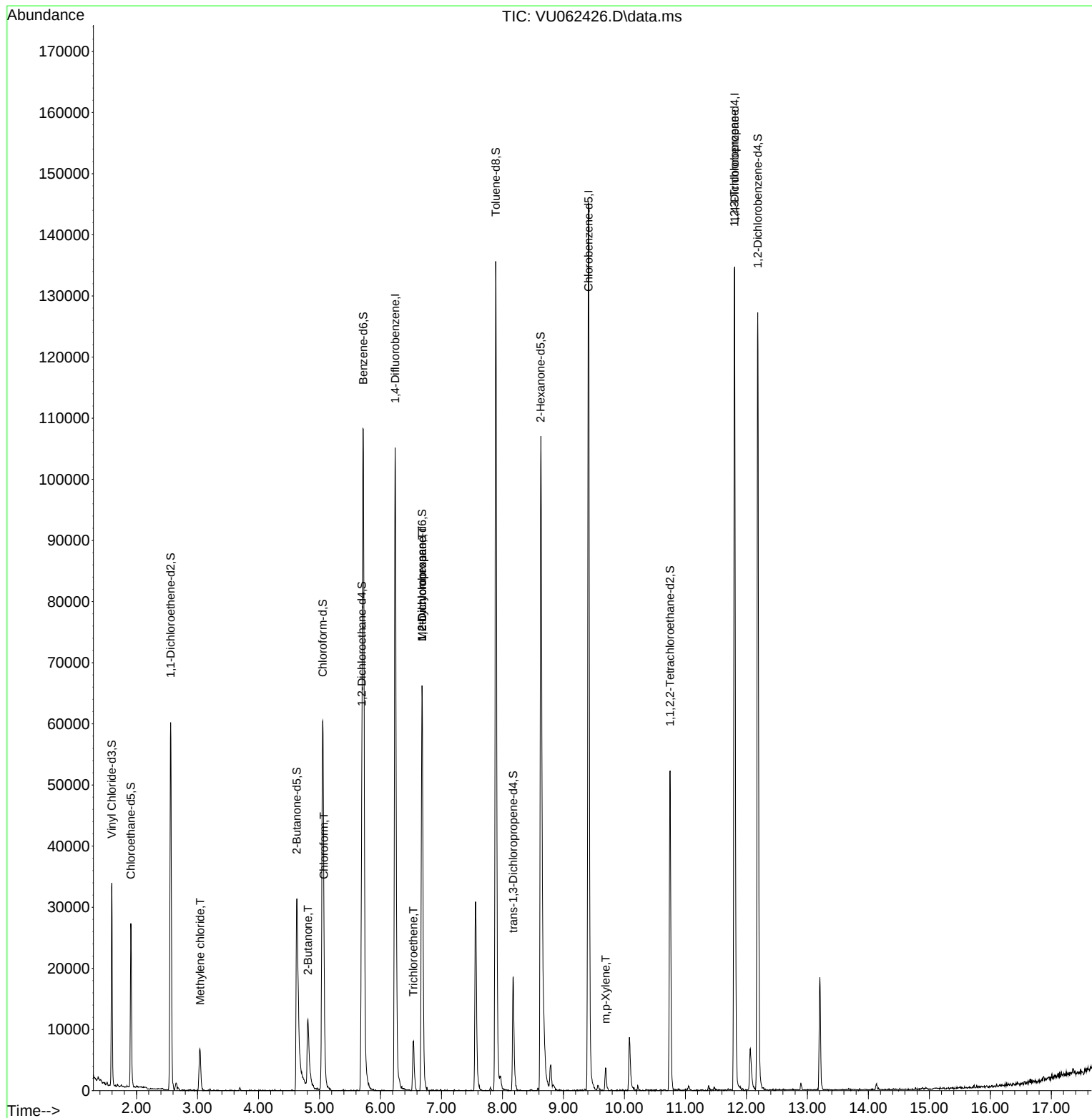
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	90772	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	86269	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	40289	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	22624	3.695	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.000%
7) Chloroethane-d5	1.907	69	19747	4.534	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.600%
11) 1,1-Dichloroethene-d2	2.560	65	11669	4.006	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.200%
20) 2-Butanone-d5	4.627	46	48171	41.053	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.100%
24) Chloroform-d	5.052	84	59467	4.488	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
26) 1,2-Dichloroethane-d4	5.695	65	32194	4.941	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
32) Benzene-d6	5.717	84	107618	4.331	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
36) 1,2-Dichloropropane-d6	6.682	67	30123	4.237	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.800%
41) Toluene-d8	7.891	98	96220	4.099	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.000%
43) trans-1,3-Dichloroprop...	8.177	79	12432	3.973	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.400%
46) 2-Hexanone-d5	8.627	63	38955	41.263	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.520%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	23890	4.319	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	36136	4.867	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.400%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.042	84	4161	0.647	ug/L	86
21) 2-Butanone	4.811	43	17029	14.677	ug/L #	45
25) Chloroform	5.074	83	3115	0.240	ug/L	91
34) Trichloroethene	6.541	95	3248	0.429	ug/L	95
35) Methylcyclohexane	6.682	83	8693	0.774	ug/L #	19
37) 1,2-Dichloropropane	6.682	63	3636	0.558	ug/L #	87
53) m,p-Xylene	9.695	106	1292	0.108	ug/L	91
61) 1,2,3-Trichloropropane	11.804	75	3652	0.980	ug/L #	62

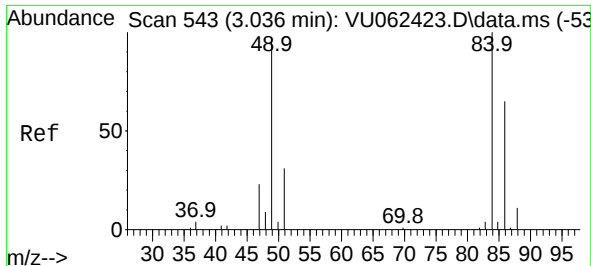
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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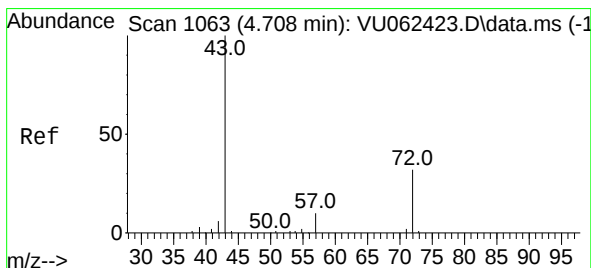
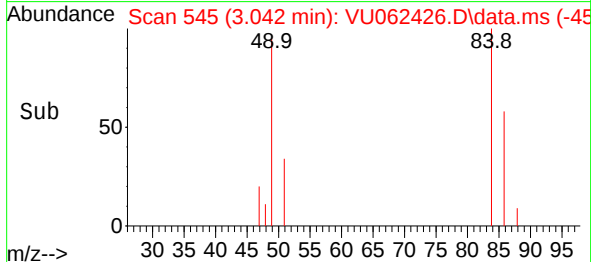
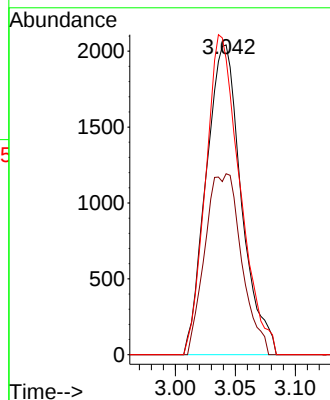
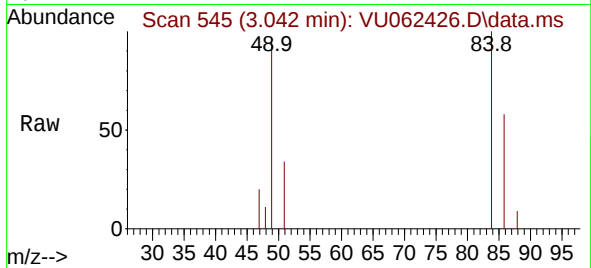




#16
Methylene chloride
Concen: 0.647 ug/L
RT: 3.042 min Scan# 54
Delta R.T. 0.006 min
Lab File: VU062426.D
Acq: 18 Dec 2024 17:05

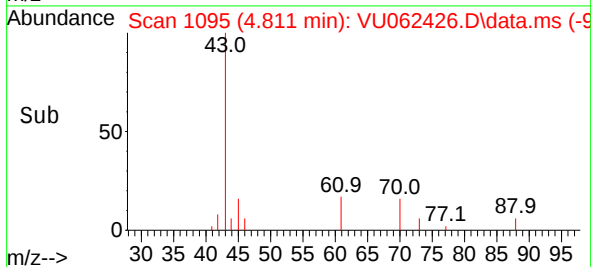
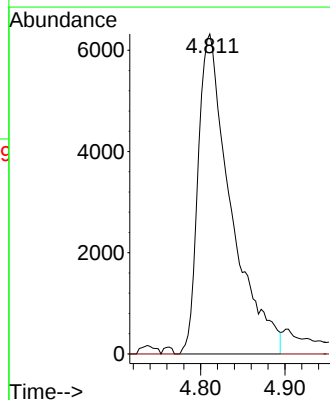
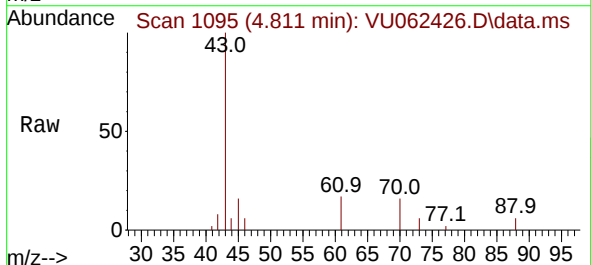
Instrument :
MSVOA_U
ClientSampleId :

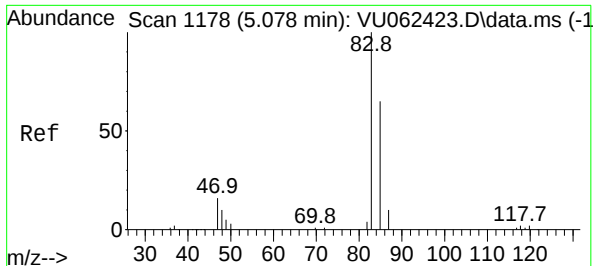
Tgt Ion: 84 Resp: 4161
Ion Ratio Lower Upper
84 100
86 58.4 43.5 80.7
49 95.5 81.9 152.1



#21
2-Butanone
Concen: 14.677 ug/L
RT: 4.811 min Scan# 1095
Delta R.T. 0.103 min
Lab File: VU062426.D
Acq: 18 Dec 2024 17:05

Tgt Ion: 43 Resp: 17029
Ion Ratio Lower Upper
43 100
72 0.0 14.8 44.4#





#25

Chloroform

Concen: 0.240 ug/L

RT: 5.074 min Scan# 1178

Delta R.T. -0.003 min

Lab File: VU062426.D

Acq: 18 Dec 2024 17:05

Instrument :

MSVOA_U

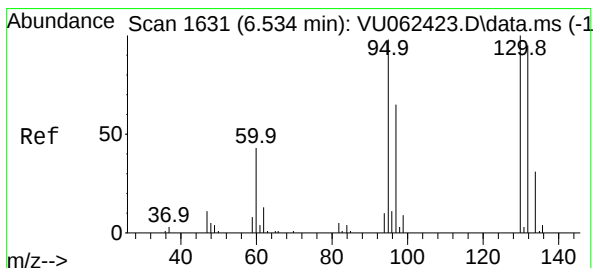
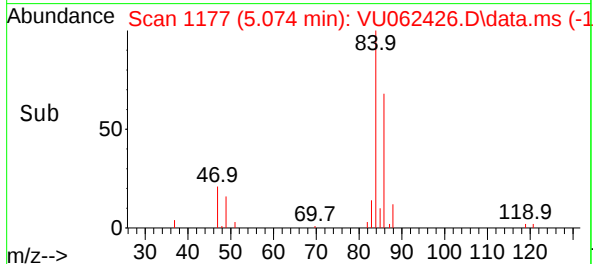
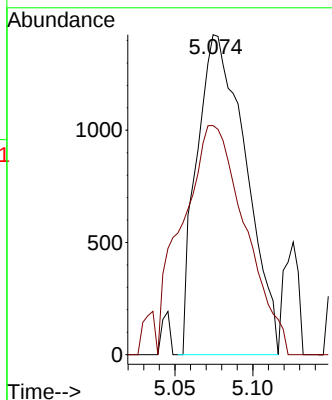
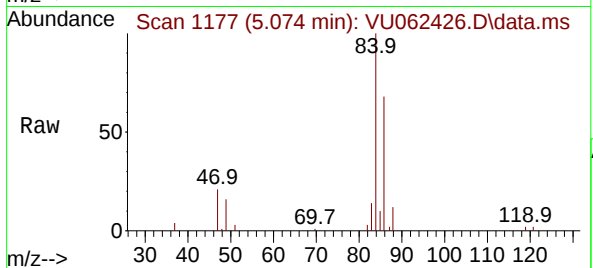
ClientSampleId :

Tgt Ion: 83 Resp: 3115

Ion Ratio Lower Upper

83 100

85 71.6 45.4 84.2



#34

Trichloroethene

Concen: 0.429 ug/L

RT: 6.541 min Scan# 1633

Delta R.T. 0.006 min

Lab File: VU062426.D

Acq: 18 Dec 2024 17:05

Tgt Ion: 95 Resp: 3248

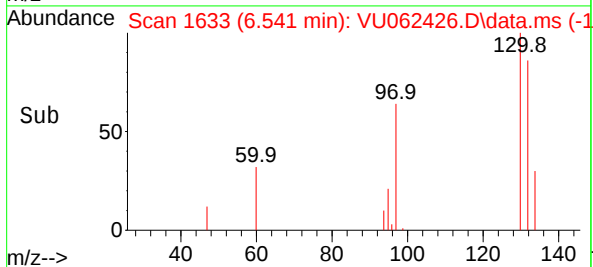
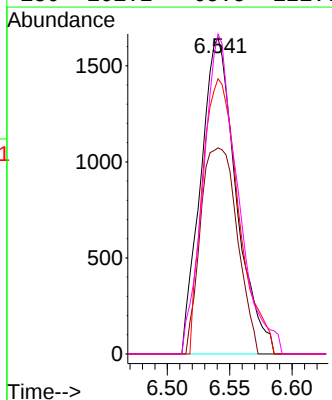
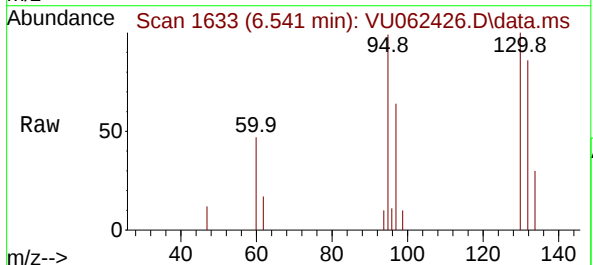
Ion Ratio Lower Upper

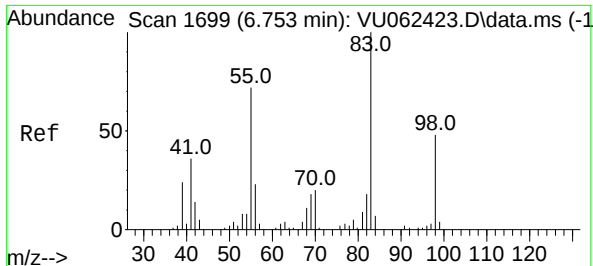
95 100

97 65.2 45.9 85.3

132 87.1 63.8 118.4

130 101.2 65.5 121.7





#35

Methylcyclohexane

Concen: 0.774 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.071 min

Lab File: VU062426.D

Acq: 18 Dec 2024 17:05

Instrument :

MSVOA_U

ClientSampleId :

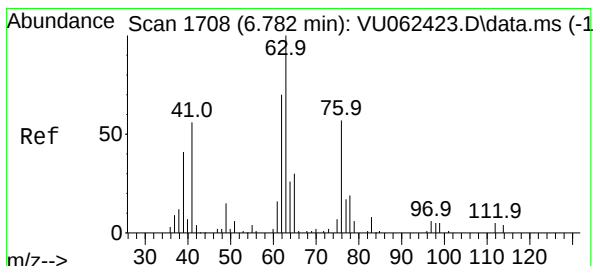
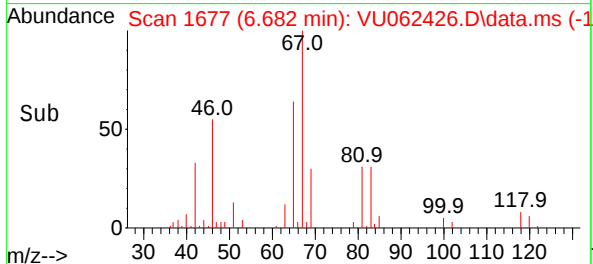
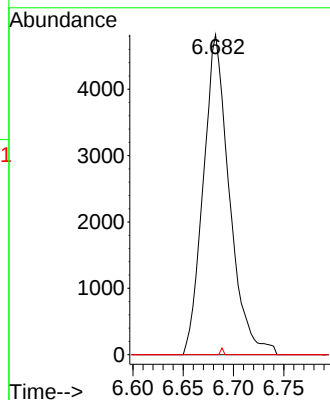
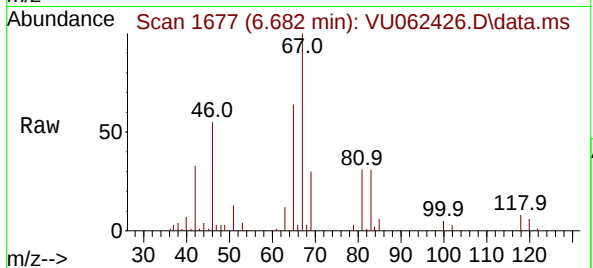
Tgt Ion: 83 Resp: 8693

Ion Ratio Lower Upper

83 100

55 0.0 60.7 91.1#

98 0.2 34.8 52.2#



#37

1,2-Dichloropropane

Concen: 0.558 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.100 min

Lab File: VU062426.D

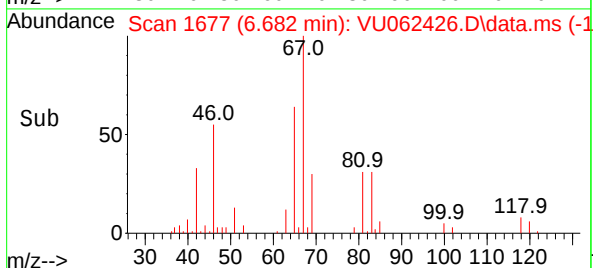
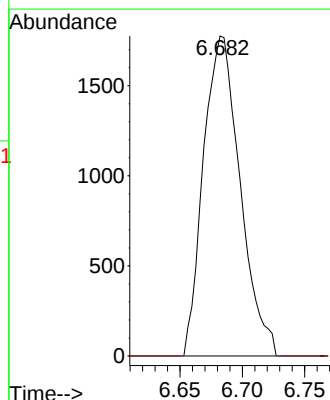
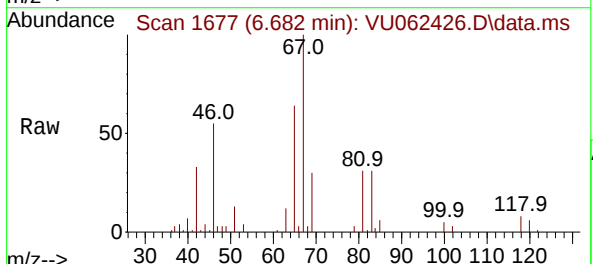
Acq: 18 Dec 2024 17:05

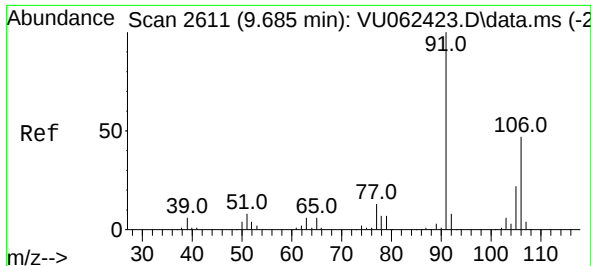
Tgt Ion: 63 Resp: 3636

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#





#53

m,p-Xylene

Concen: 0.108 ug/L

RT: 9.695 min Scan# 2

Delta R.T. 0.009 min

Lab File: VU062426.D

Acq: 18 Dec 2024 17:05

Instrument :

MSVOA_U

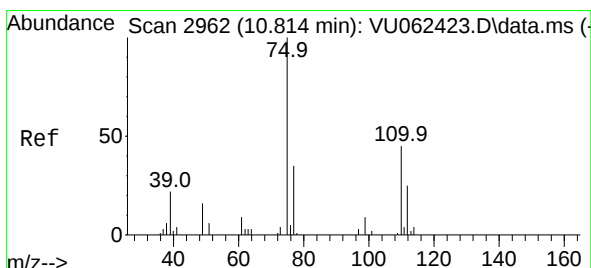
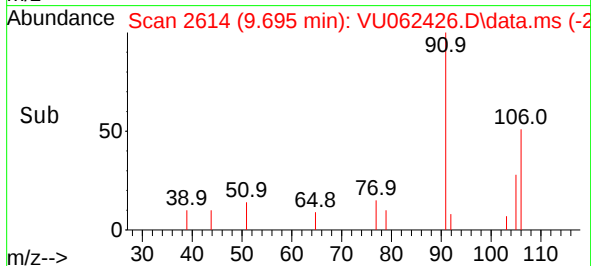
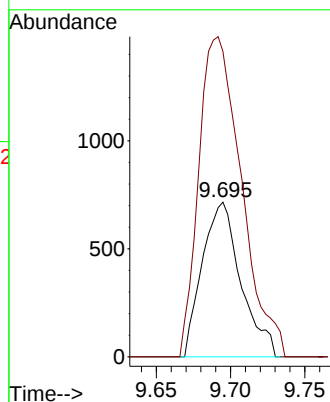
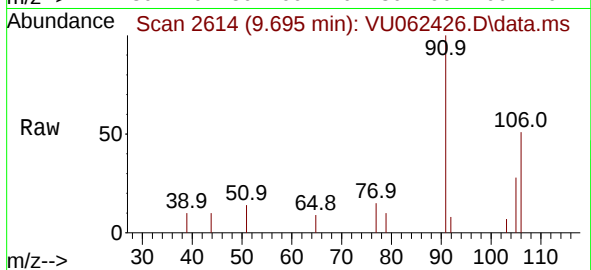
ClientSampleId :

Tgt Ion:106 Resp: 1292

Ion Ratio Lower Upper

106 100

91 197.5 147.6 274.0



#61

1,2,3-Trichloropropane

Concen: 0.980 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.990 min

Lab File: VU062426.D

Acq: 18 Dec 2024 17:05

Tgt Ion: 75 Resp: 3652

Ion Ratio Lower Upper

75 100

110 0.0 28.9 43.3#

77 40.0 26.5 39.7#

