

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120924\
 Data File : VU062199.D
 Acq On : 10 Dec 2024 08:55
 Operator : MD/SY
 Sample : P5111-09
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 10 15:36:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 10 00:32:19 2024
 Response via : Initial Calibration

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

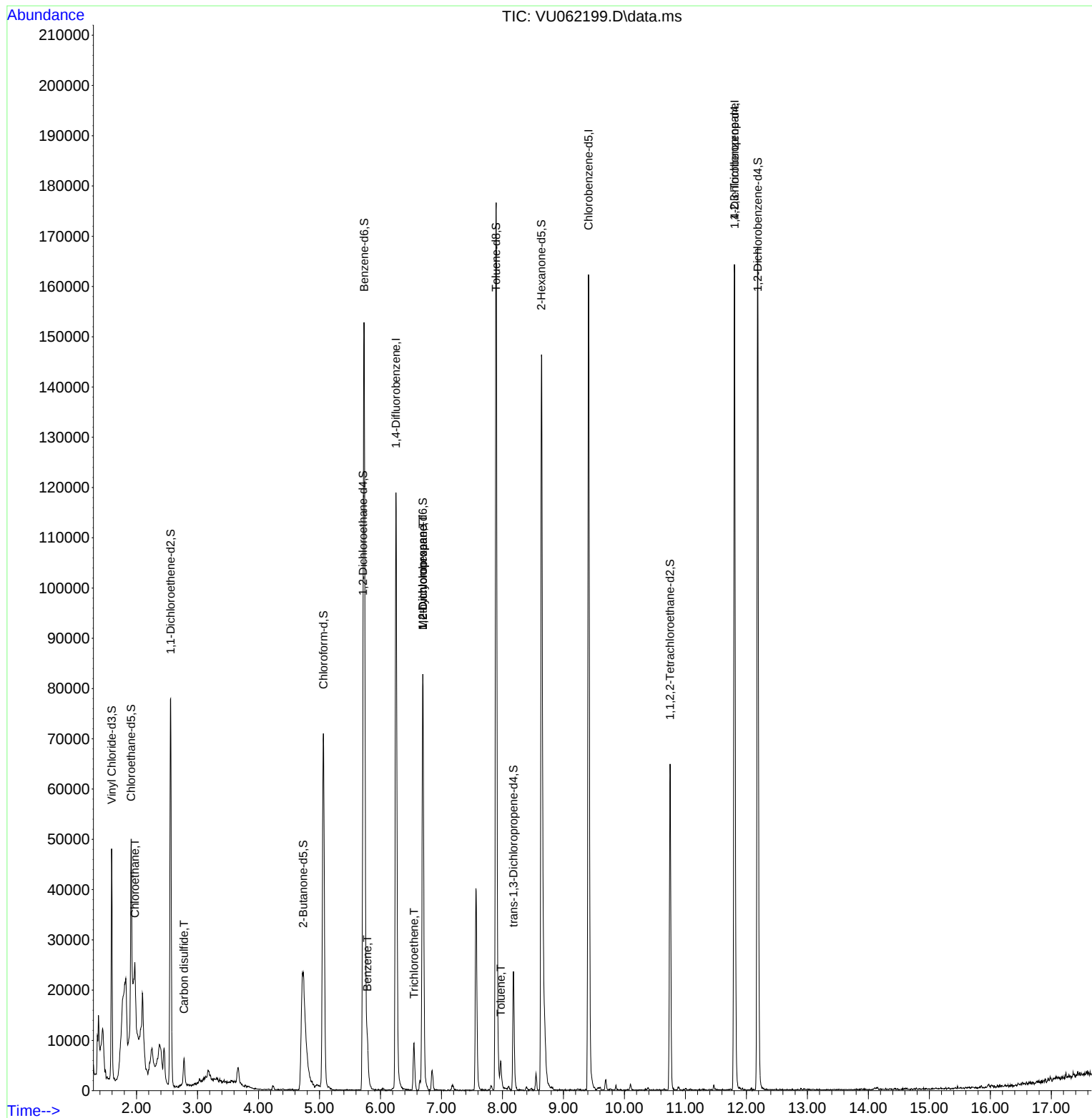
Internal Standards						
1) 1,4-Difluorobenzene	6.254	114	99261	5.000	ug/L	0.01
28) Chlorobenzene-d5	9.412	117	94394	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	45675	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	30035	4.486	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.800%
7) Chloroethane-d5	1.911	69	23808	4.999	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.000%
11) 1,1-Dichloroethene-d2	2.560	65	14192	4.456	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.200%
20) 2-Butanone-d5	4.734	46	65545	51.082	ug/L	0.11
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.160%
24) Chloroform-d	5.065	84	72386	4.996	ug/L	0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	5.714	65	37884	5.317	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.400%
32) Benzene-d6	5.734	84	136217	5.010	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
36) 1,2-Dichloropropane-d6	6.695	67	40005	5.143	ug/L	0.01
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.800%
41) Toluene-d8	7.897	98	123543	4.810	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
43) trans-1,3-Dichloroprop...	8.180	79	14993	4.379	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.600%
46) 2-Hexanone-d5	8.640	63	52970	51.279	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.560%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	30459	5.032	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	47063	5.592	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.800%
Target Compounds						
8) Chloroethane	1.972	64	40113	9.438	ug/L #	49
14) Carbon disulfide	2.779	76	6190	0.292	ug/L	99
33) Benzene	5.785	78	9073	0.310	ug/L	100
34) Trichloroethene	6.550	95	3199	0.386	ug/L	85
35) Methylcyclohexane	6.695	83	10194	0.830	ug/L #	19
37) 1,2-Dichloropropane	6.695	63	4545	0.638	ug/L #	87
42) Toluene	7.971	91	4103	0.130	ug/L	98
61) 1,2,3-Trichloropropane	11.804	75	4721	1.118	ug/L #	69

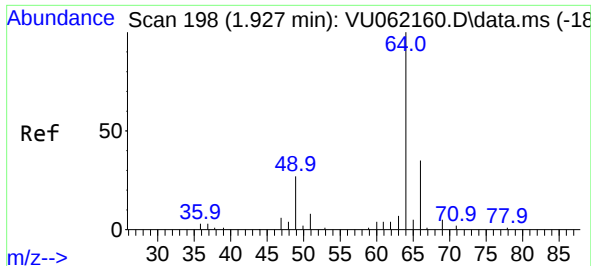
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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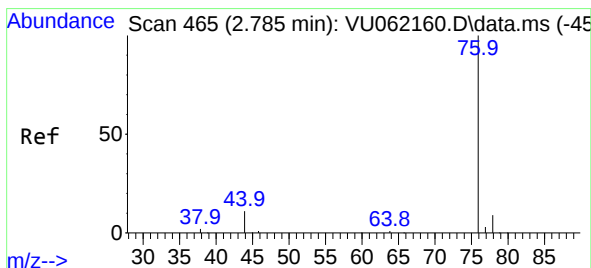
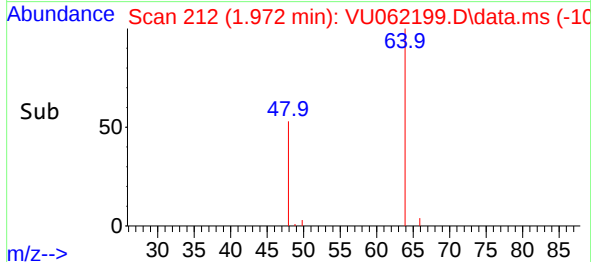
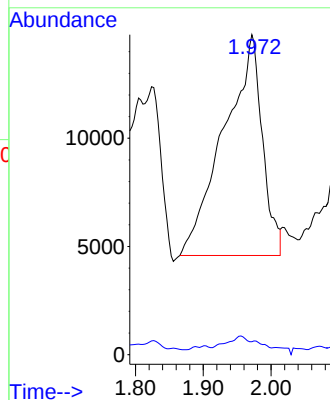
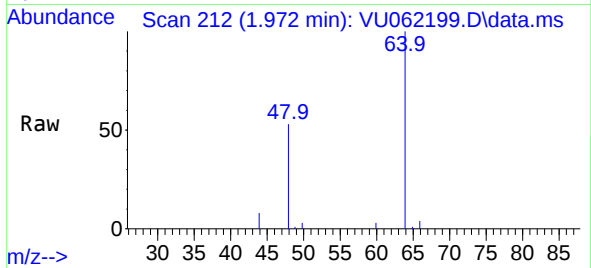




#8
Chloroethane
Concen: 9.438 ug/L
RT: 1.972 min Scan# 21
Delta R.T. 0.045 min
Lab File: VU062199.D
Acq: 10 Dec 2024 08:55

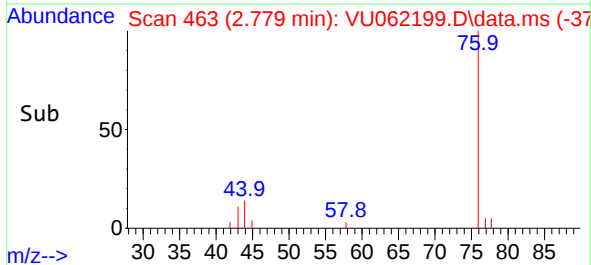
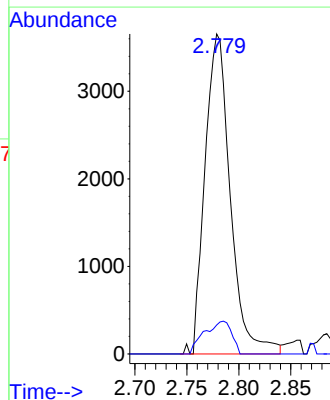
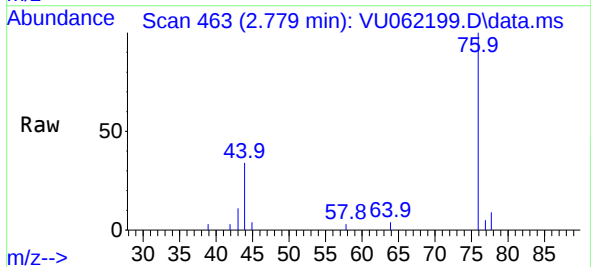
Instrument :
MSVOA_U
ClientSampleId :

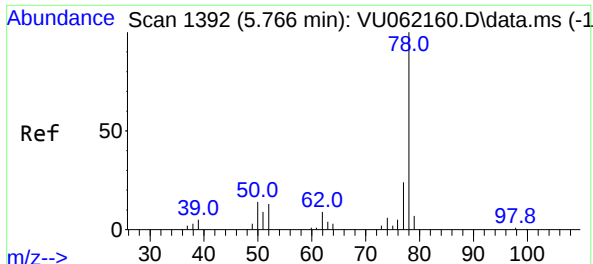
Tgt Ion: 64 Resp: 40113
Ion Ratio Lower Upper
64 100
66 4.1 23.2 43.2#



#14
Carbon disulfide
Concen: 0.292 ug/L
RT: 2.779 min Scan# 463
Delta R.T. -0.007 min
Lab File: VU062199.D
Acq: 10 Dec 2024 08:55

Tgt Ion: 76 Resp: 6190
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3

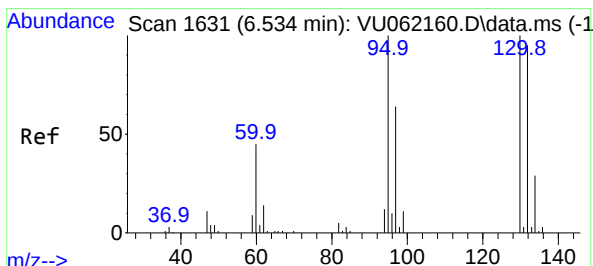
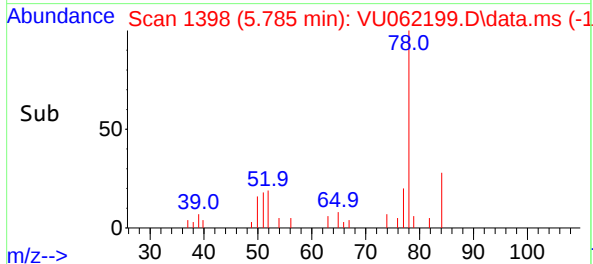
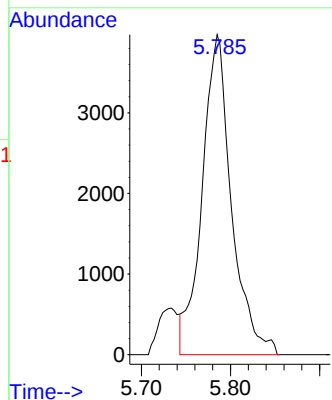
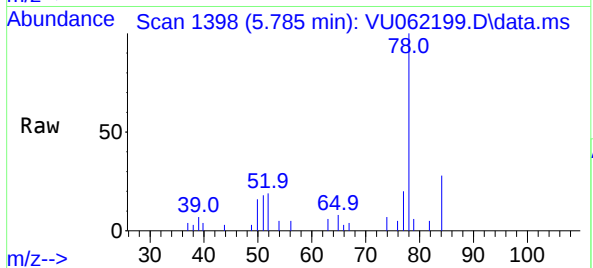




#33
Benzene
Concen: 0.310 ug/L
RT: 5.785 min Scan# 11
Delta R.T. 0.019 min
Lab File: VU062199.D
Acq: 10 Dec 2024 08:55

Instrument :
MSVOA_U
ClientSampleId :

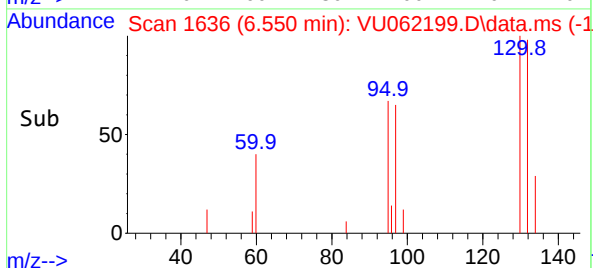
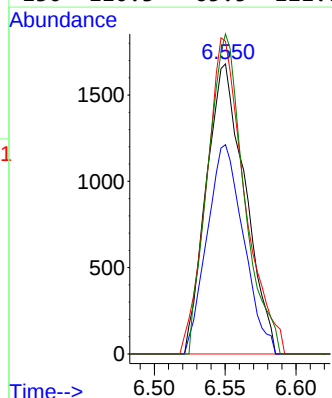
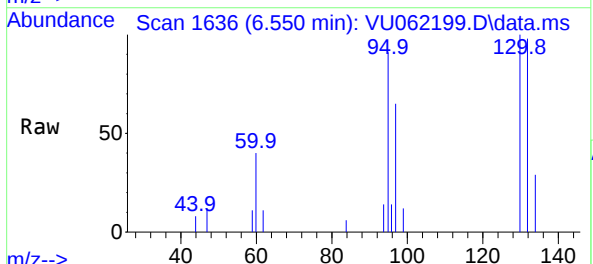
Tgt Ion: 78 Resp: 9073

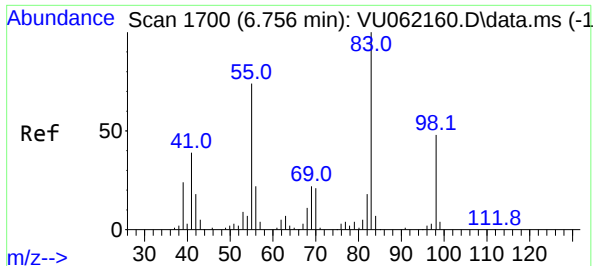


#34
Trichloroethene
Concen: 0.386 ug/L
RT: 6.550 min Scan# 1636
Delta R.T. 0.016 min
Lab File: VU062199.D
Acq: 10 Dec 2024 08:55

Tgt Ion: 95 Resp: 3199

Ion	Ratio	Lower	Upper
95	100		
97	72.1	45.9	85.3
132	107.7	63.8	118.4
130	110.3	65.5	121.7





#35

Methylcyclohexane

Concen: 0.830 ug/L

RT: 6.695 min Scan# 1

Delta R.T. -0.061 min

Lab File: VU062199.D

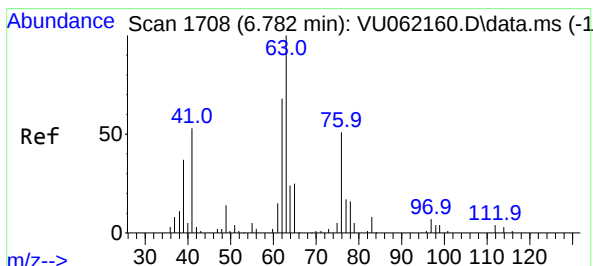
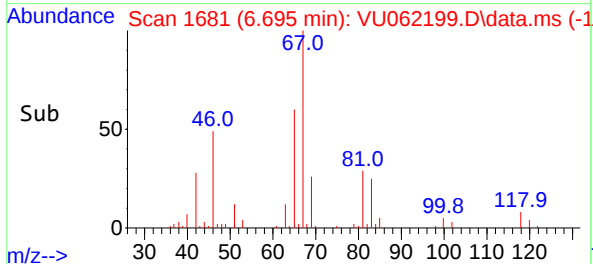
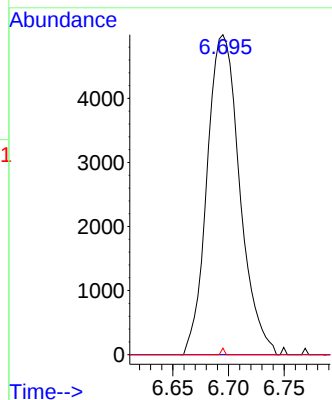
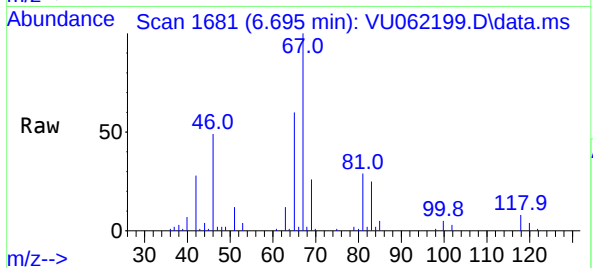
Acq: 10 Dec 2024 08:55

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 10194
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: 0.638 ug/L

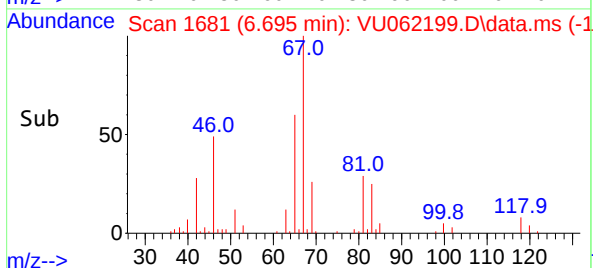
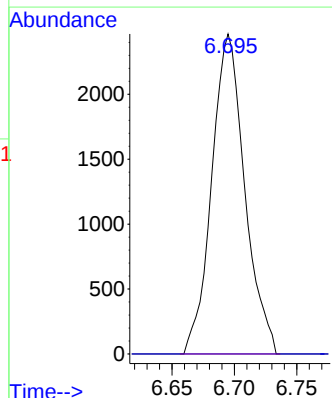
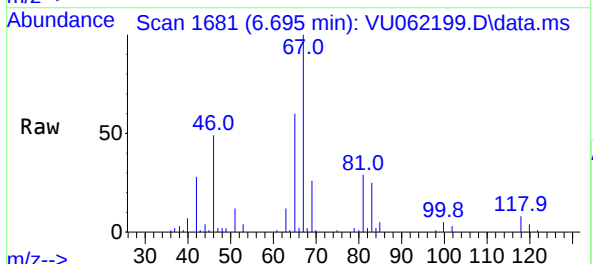
RT: 6.695 min Scan# 1681

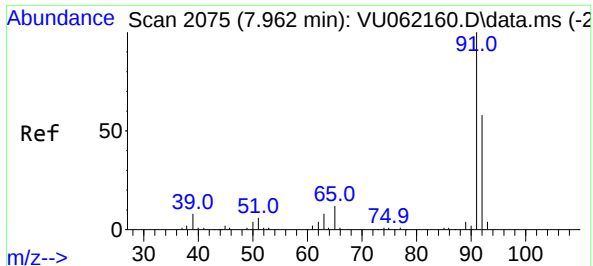
Delta R.T. -0.087 min

Lab File: VU062199.D

Acq: 10 Dec 2024 08:55

Tgt Ion: 63	Resp: 4545
Ion Ratio	Lower Upper
63	100
112	0.0 3.4 5.0#





#42

Toluene

Concen: 0.130 ug/L

RT: 7.971 min Scan# 20

Delta R.T. 0.009 min

Lab File: VU062199.D

Acq: 10 Dec 2024 08:55

Instrument :

MSVOA_U

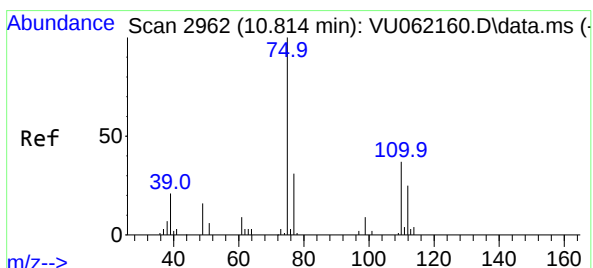
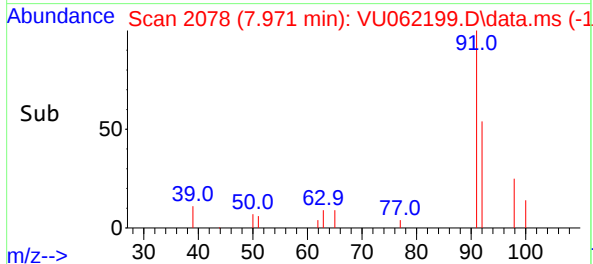
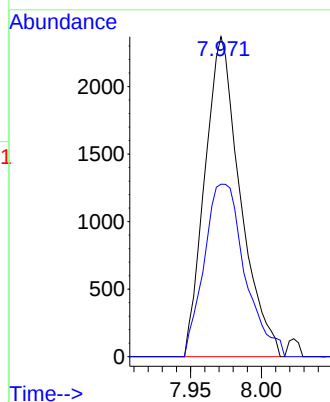
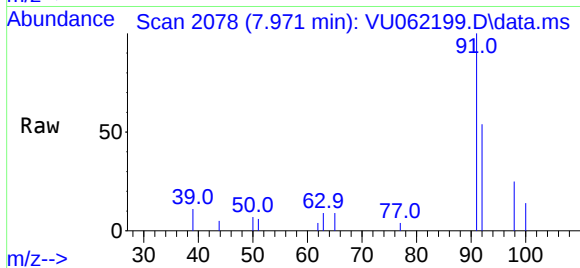
ClientSampleId :

Tgt Ion: 91 Resp: 4103

Ion Ratio Lower Upper

91 100

92 53.9 39.0 72.4



#61

1,2,3-Trichloropropane

Concen: 1.118 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.990 min

Lab File: VU062199.D

Acq: 10 Dec 2024 08:55

Tgt Ion: 75 Resp: 4721

Ion Ratio Lower Upper

75 100

110 3.1 28.9 43.3#

77 35.3 26.5 39.7

