

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040824\
 Data File : VU058469.D
 Acq On : 08 Apr 2024 15:26
 Operator : MD/SY
 Sample : P1948-03DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 09 04:25:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 09 04:22:28 2024
 Response via : Initial Calibration

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

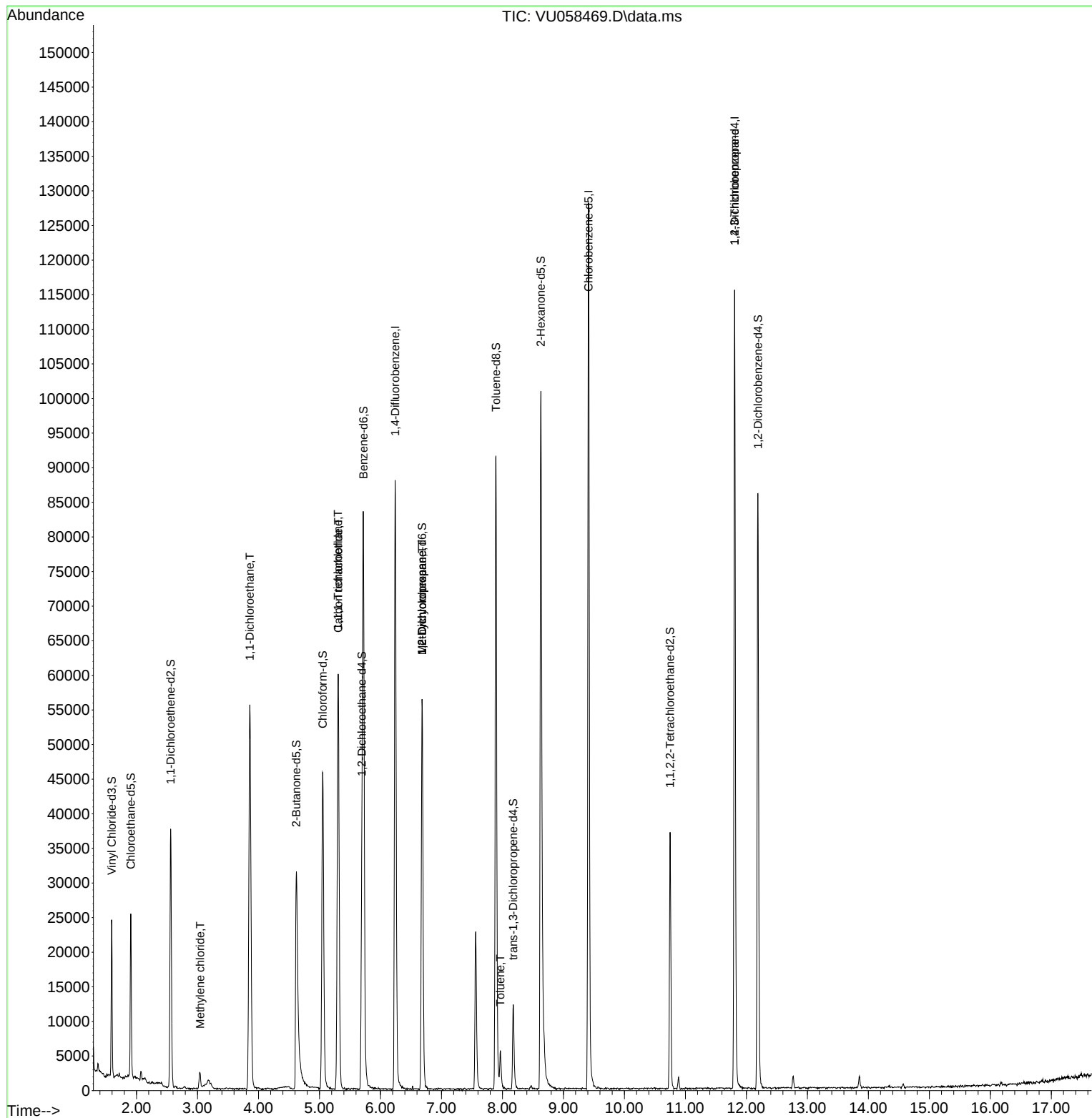
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	70482	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	69348	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	29756	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	15069	3.229	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.600%
7) Chloroethane-d5	1.907	69	16231	4.002	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.000%
11) 1,1-Dichloroethene-d2	2.560	65	7279	3.446	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.000%
20) 2-Butanone-d5	4.621	46	51293	52.160	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.320%
24) Chloroform-d	5.055	84	42997	4.616	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
26) 1,2-Dichloroethane-d4	5.695	65	21392	4.921	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
32) Benzene-d6	5.721	84	76256	4.084	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.600%
36) 1,2-Dichloropropane-d6	6.682	67	27161	4.639	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.800%
41) Toluene-d8	7.894	98	61112	3.691	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.800%
43) trans-1,3-Dichloroprop...	8.177	79	7763	4.271	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.400%
46) 2-Hexanone-d5	8.630	63	35133	46.867	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.740%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	18932	4.580	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	22590	4.507	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.200%
Target Compounds						
16) Methylene chloride	3.042	84	1023	0.154	ug/L	94
19) 1,1-Dichloroethane	3.859	63	66772	5.844	ug/L	97
29) 1,1,1-Trichloroethane	5.306	97	42118	4.530	ug/L	98
31) Carbon tetrachloride	5.309	117	5161	0.655	ug/L	97
35) Methylcyclohexane	6.682	83	5738	0.601	ug/L #	16
37) 1,2-Dichloropropane	6.682	63	2962	0.448	ug/L #	90
42) Toluene	7.965	91	3963	0.150	ug/L	85
61) 1,2,3-Trichloropropane	11.807	75	4426	1.458	ug/L #	70

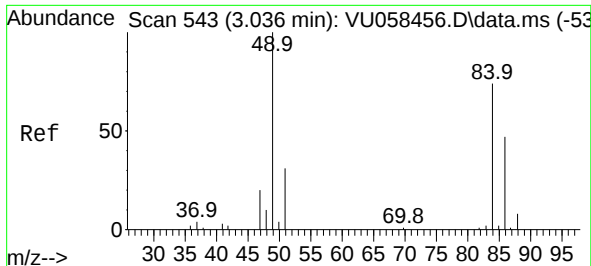
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 0.154 ug/L

RT: 3.042 min Scan# 543

Delta R.T. 0.006 min

Lab File: VU058469.D

Acq: 08 Apr 2024 15:26

Instrument :

MSVOA_U

ClientSampleId :

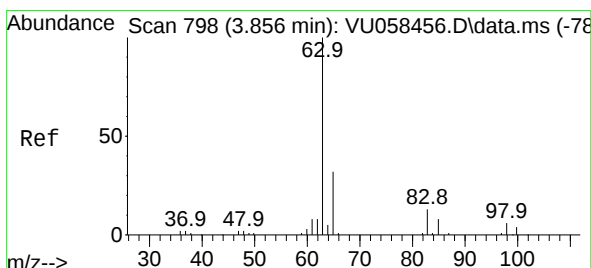
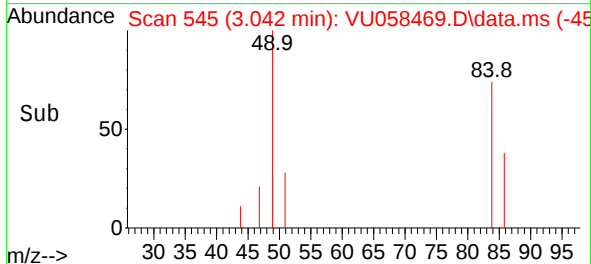
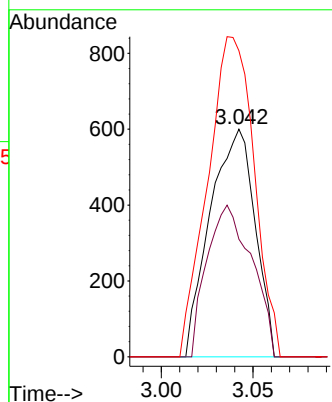
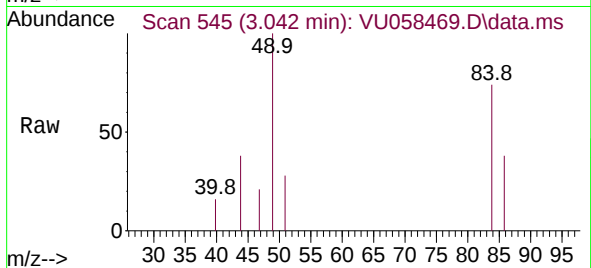
Tgt Ion: 84 Resp: 1023

Ion Ratio Lower Upper

84 100

86 51.7 44.3 82.3

49 134.5 96.0 178.2



#19

1,1-Dichloroethane

Concen: 5.844 ug/L

RT: 3.859 min Scan# 799

Delta R.T. 0.003 min

Lab File: VU058469.D

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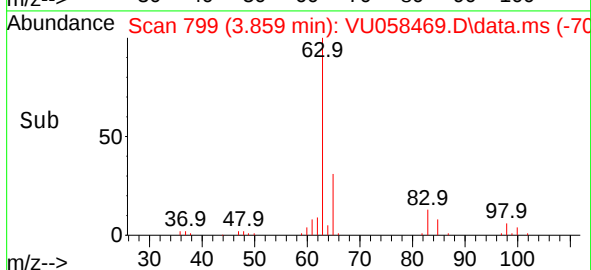
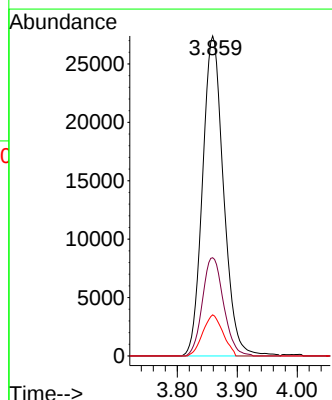
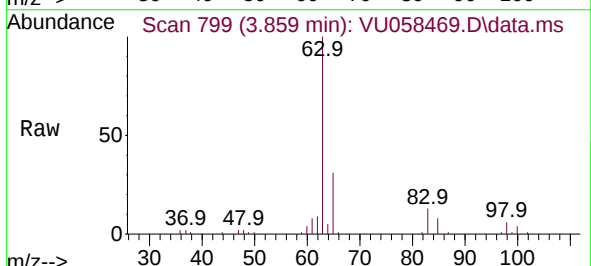
Tgt Ion: 63 Resp: 66772

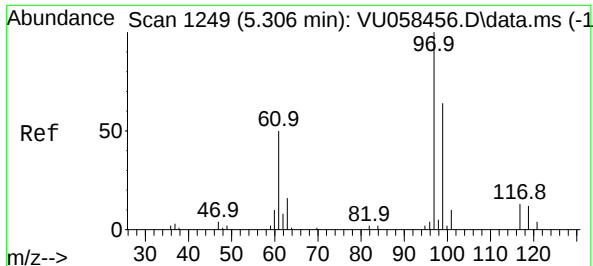
Ion Ratio Lower Upper

63 100

65 30.7 22.9 42.5

83 12.8 9.6 17.8

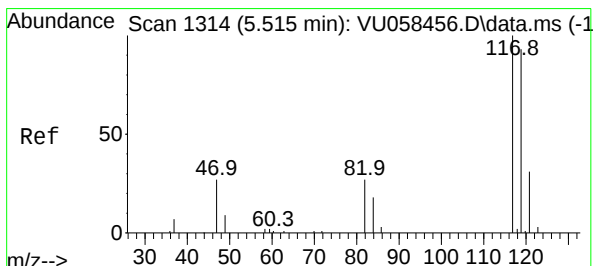
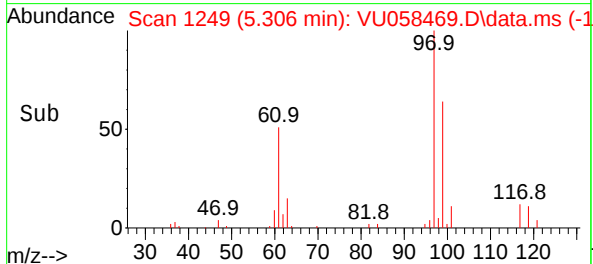
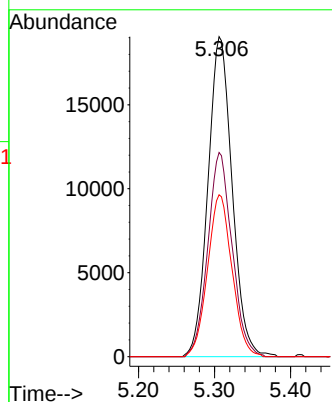
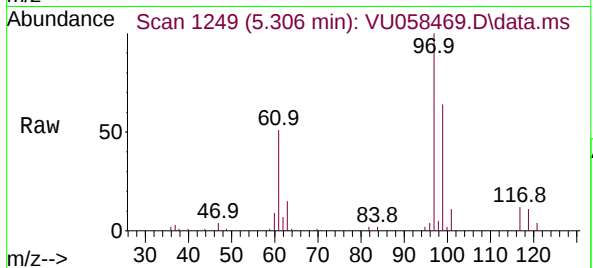




#29
1,1,1-Trichloroethane
Concen: 4.530 ug/L
RT: 5.306 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU058469.D
Acq: 08 Apr 2024 15:26

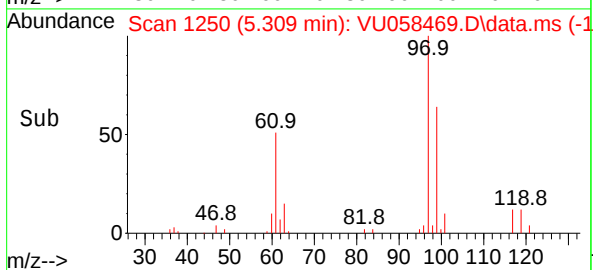
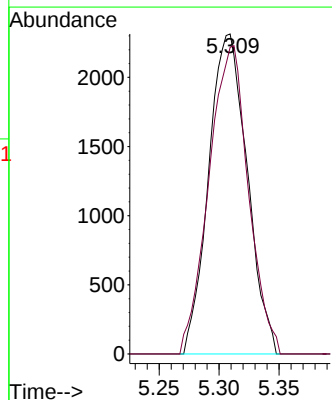
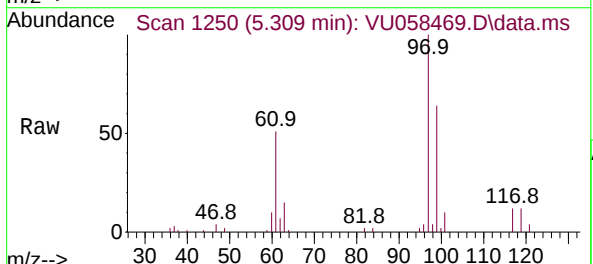
Instrument :
MSVOA_U
ClientSampleId :

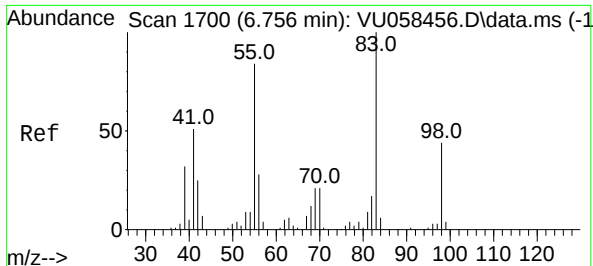
Tgt Ion: 97 Resp: 42118
Ion Ratio Lower Upper
97 100
99 63.9 50.4 75.6
61 51.0 39.4 59.0



#31
Carbon tetrachloride
Concen: 0.655 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. -0.206 min
Lab File: VU058469.D
Acq: 08 Apr 2024 15:26

Tgt Ion: 117 Resp: 5161
Ion Ratio Lower Upper
117 100
119 99.0 76.7 115.1





#35

Methylcyclohexane

Concen: 0.601 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU058469.D

Acq: 08 Apr 2024 15:26

Instrument :

MSVOA_U

ClientSampleId :

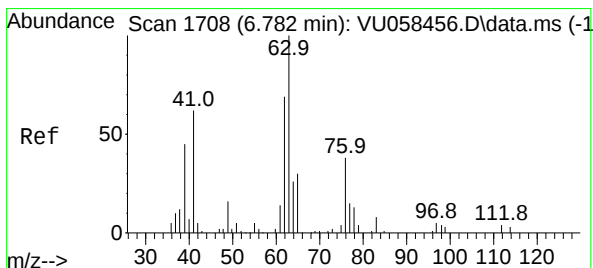
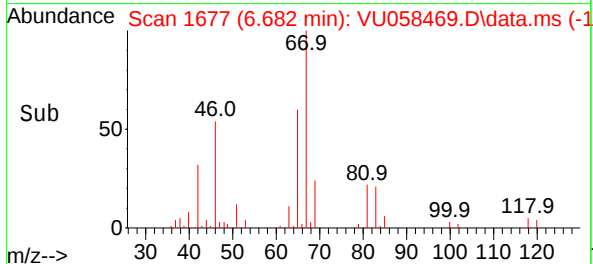
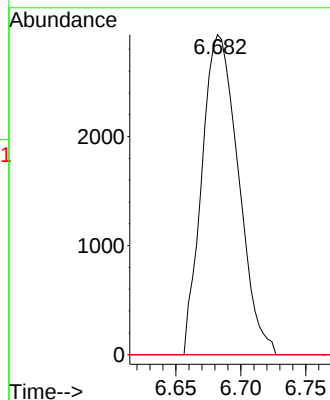
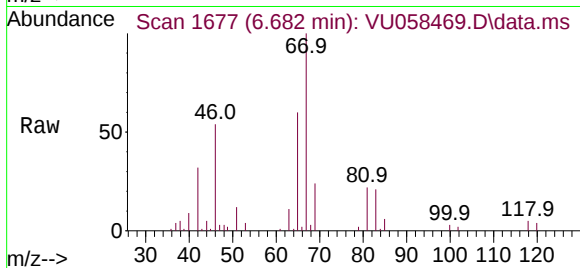
Tgt Ion: 83 Resp: 5738

Ion Ratio Lower Upper

83 100

55 0.0 66.2 99.4#

98 0.0 34.6 52.0#



#37

1,2-Dichloropropane

Concen: 0.448 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.100 min

Lab File: VU058469.D

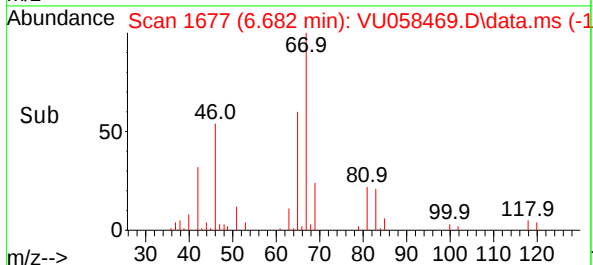
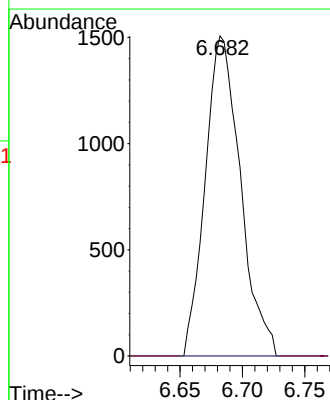
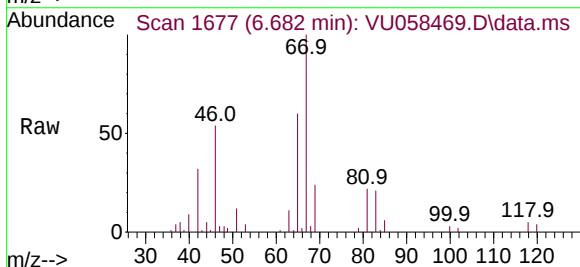
Acq: 08 Apr 2024 15:26

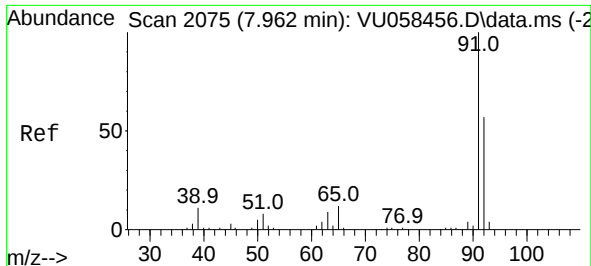
Tgt Ion: 63 Resp: 2962

Ion Ratio Lower Upper

63 100

112 0.0 2.6 4.0#





#42

Toluene

Concen: 0.150 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU058469.D

Acq: 08 Apr 2024 15:26

Instrument :

MSVOA_U

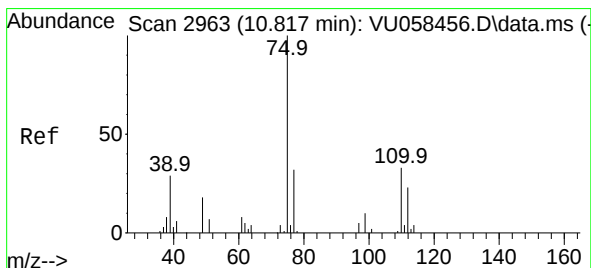
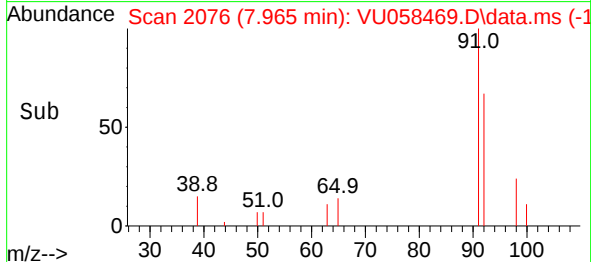
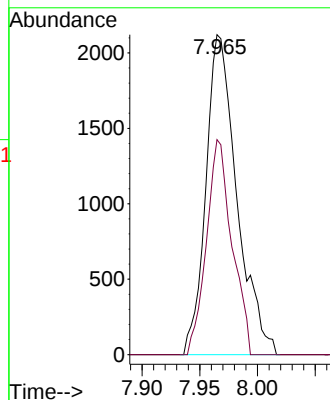
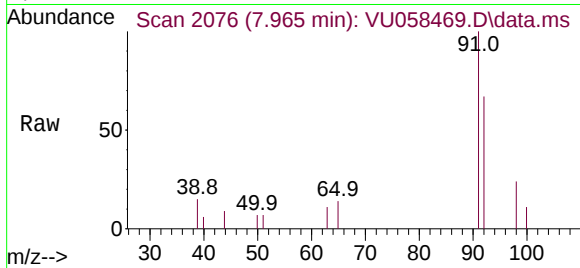
ClientSampleId :

Tgt Ion: 91 Resp: 3963

Ion Ratio Lower Upper

91 100

92 67.2 39.5 73.3



#61

1,2,3-Trichloropropane

Concen: 1.458 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU058469.D

Acq: 08 Apr 2024 15:26

Tgt Ion: 75 Resp: 4426

Ion Ratio Lower Upper

75 100

110 0.0 25.8 38.6#

77 30.4 25.1 37.7

