

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040824\
 Data File : VU058470.D
 Acq On : 08 Apr 2024 15:50
 Operator : MD/SY
 Sample : P1948-04DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 09 04:26:10 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)

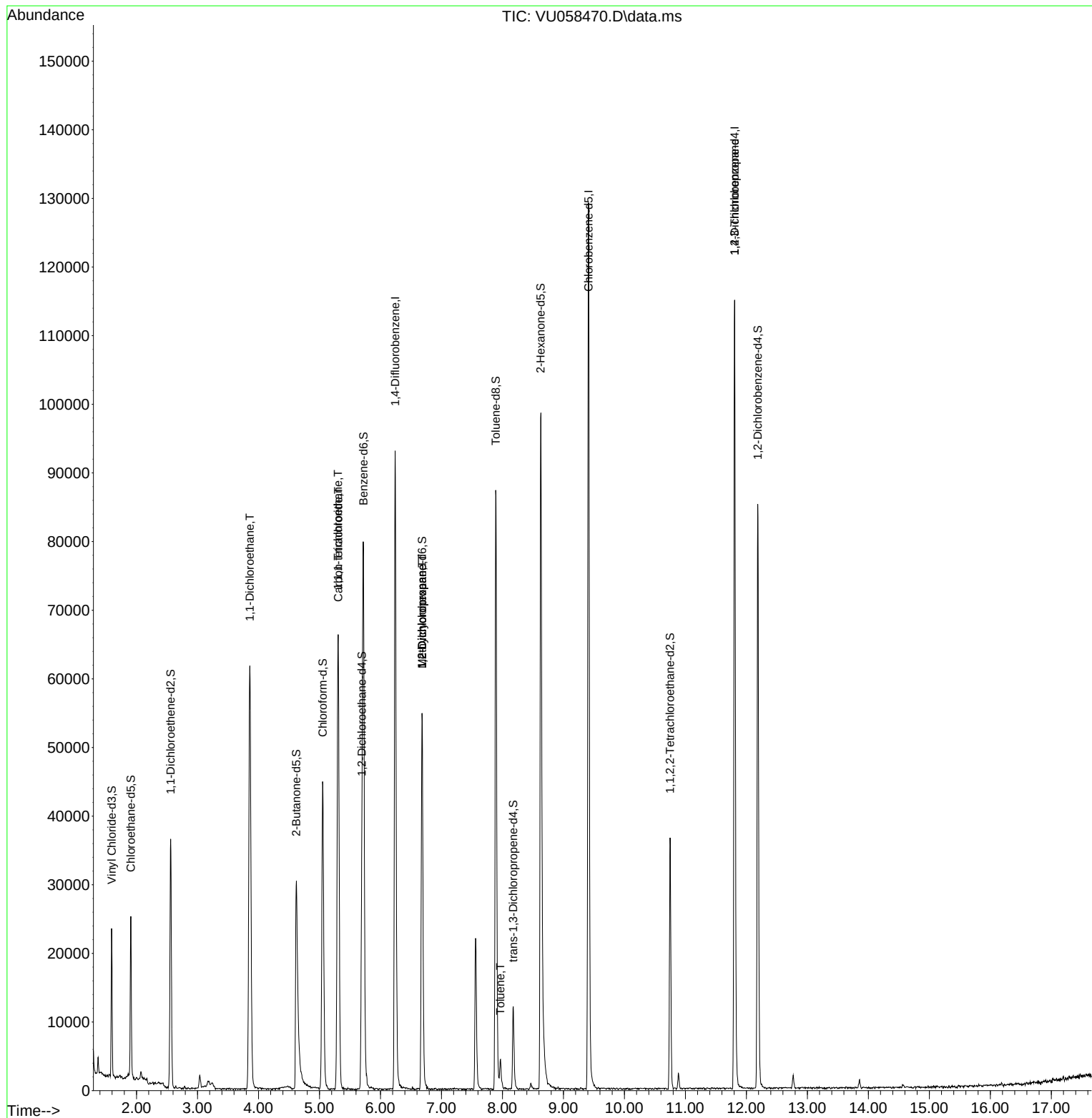
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	73111	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	70443	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	30257	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	14526	3.001	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.000%
7) Chloroethane-d5	1.907	69	15775	3.750	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.000%
11) 1,1-Dichloroethene-d2	2.560	65	7123	3.251	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.000%
20) 2-Butanone-d5	4.621	46	52062	51.038	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.080%
24) Chloroform-d	5.052	84	41775	4.323	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
26) 1,2-Dichloroethane-d4	5.695	65	20670	4.584	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
32) Benzene-d6	5.721	84	72815	3.839	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.800%
36) 1,2-Dichloropropane-d6	6.682	67	26457	4.448	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.000%
41) Toluene-d8	7.891	98	60268	3.583	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.600%
43) trans-1,3-Dichloroprop...	8.177	79	7651	4.144	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.800%
46) 2-Hexanone-d5	8.627	63	33757	44.331	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.660%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	18915	4.505	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	22166	4.350	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.000%
Target Compounds						Qvalue
19) 1,1-Dichloroethane	3.859	63	73701	6.218	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	47116	4.989	ug/L	98
31) Carbon tetrachloride	5.309	117	5539	0.693	ug/L	93
35) Methylcyclohexane	6.682	83	5869	0.605	ug/L #	16
37) 1,2-Dichloropropane	6.682	63	2815	0.419	ug/L #	90
42) Toluene	7.965	91	3014	0.113	ug/L	100
61) 1,2,3-Trichloropropane	11.807	75	4053	1.313	ug/L #	68

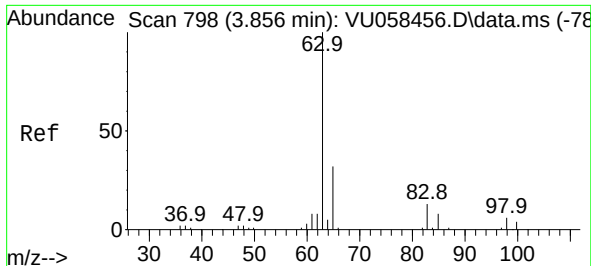
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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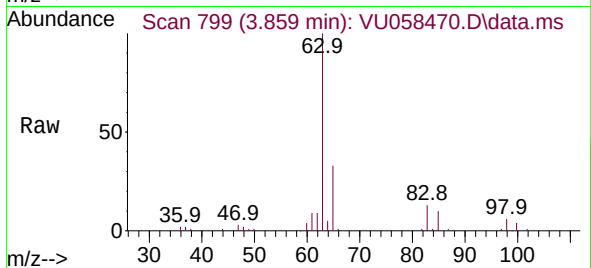
Quant Time: Apr 09 04:26:10 2024
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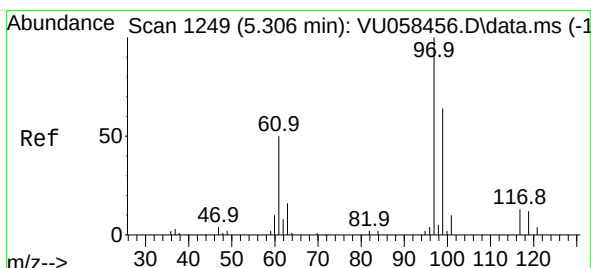
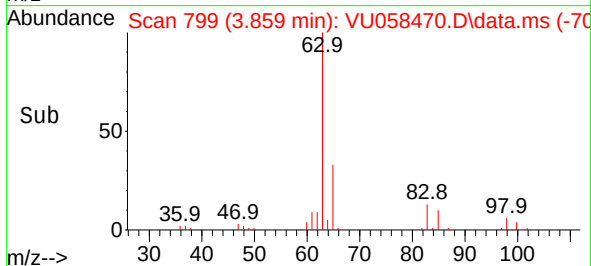
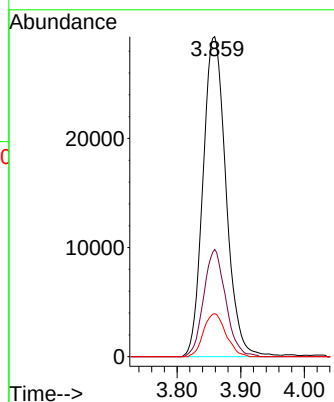


#19
1,1-Dichloroethane
Concen: 6.218 ug/L
RT: 3.859 min Scan# 798
Delta R.T. 0.003 min
Lab File: VU058470.D
Acq: 08 Apr 2024 15:50

Instrument :
MSVOA_U
ClientSampleId :

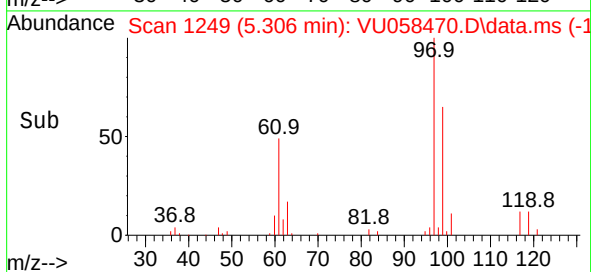
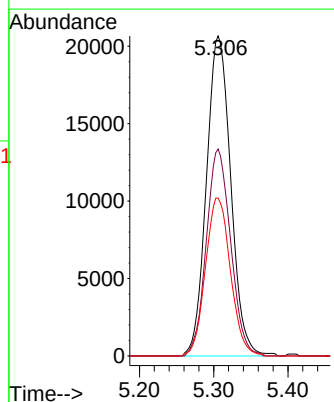
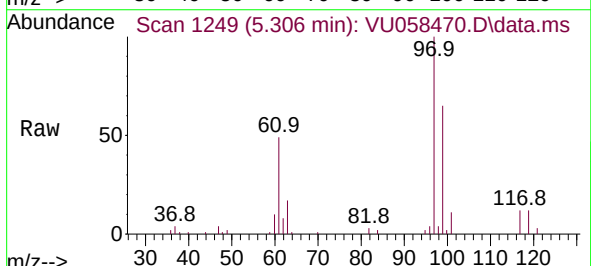


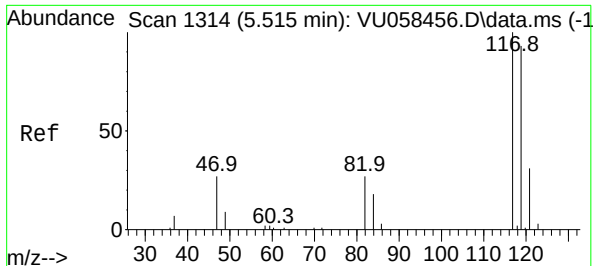
Tgt Ion: 63 Resp: 73701
Ion Ratio Lower Upper
63 100
65 33.5 22.9 42.5
83 13.5 9.6 17.8



#29
1,1,1-Trichloroethane
Concen: 4.989 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU058470.D
Acq: 08 Apr 2024 15:50

Tgt Ion: 97 Resp: 47116
Ion Ratio Lower Upper
97 100
99 64.6 50.4 75.6
61 50.6 39.4 59.0

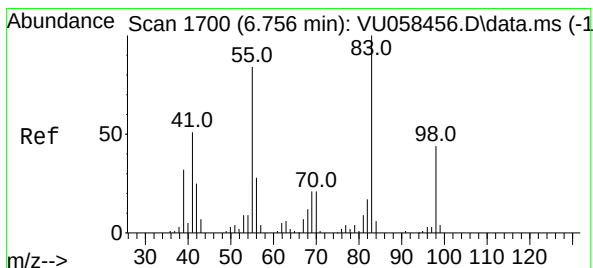
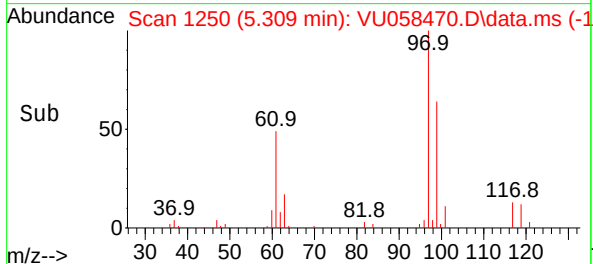
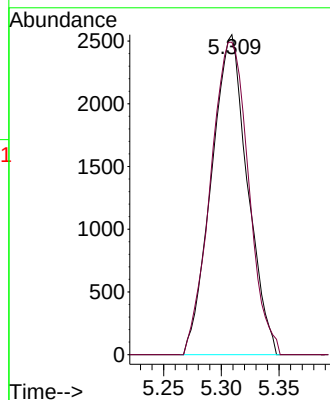
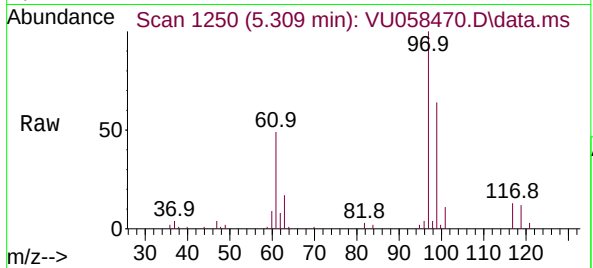




#31
Carbon tetrachloride
Concen: 0.693 ug/L
RT: 5.309 min Scan# 11
Delta R.T. -0.206 min
Lab File: VU058470.D
Acq: 08 Apr 2024 15:50

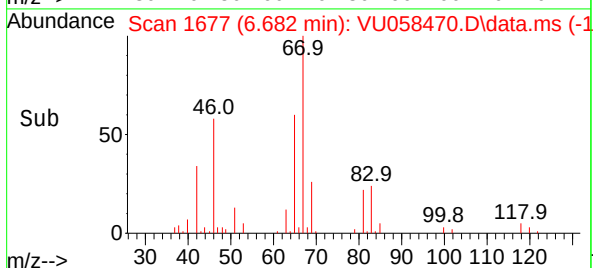
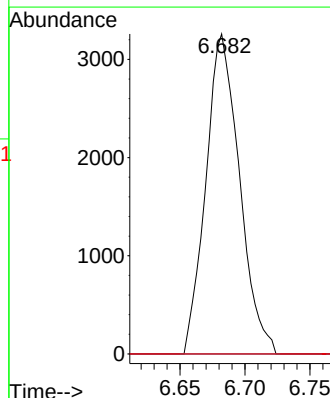
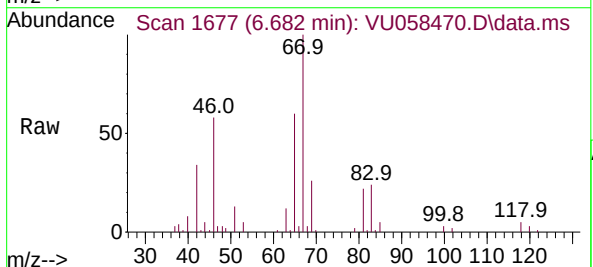
Instrument :
MSVOA_U
ClientSampleId :

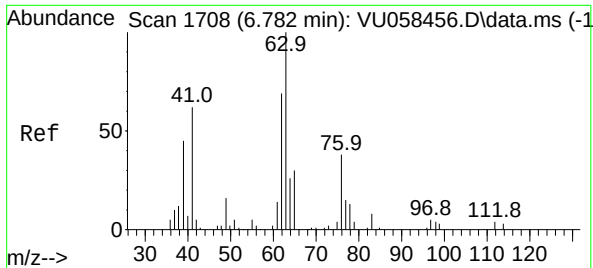
Tgt Ion:117 Resp: 5539
Ion Ratio Lower Upper
117 100
119 102.8 76.7 115.1



#35
Methylcyclohexane
Concen: 0.605 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU058470.D
Acq: 08 Apr 2024 15:50

Tgt Ion: 83 Resp: 5869
Ion Ratio Lower Upper
83 100
55 0.0 66.2 99.4#
98 0.0 34.6 52.0#

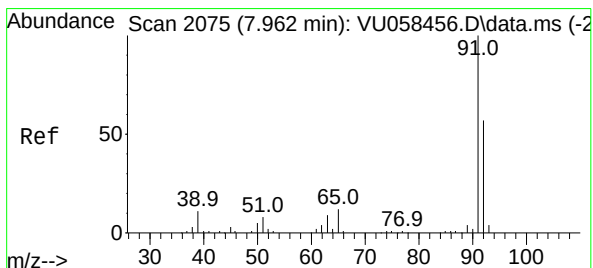
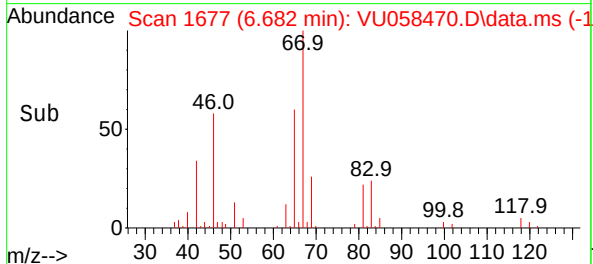
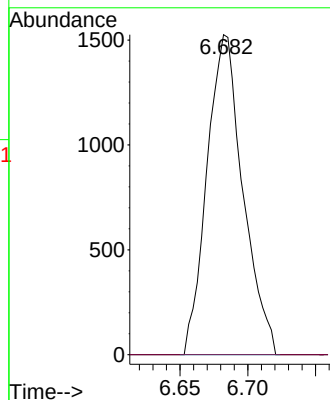
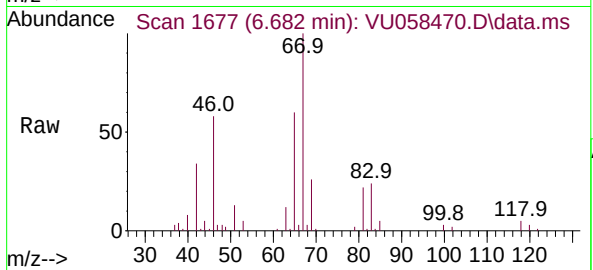




#37
1,2-Dichloropropane
Concen: 0.419 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU058470.D
Acq: 08 Apr 2024 15:50

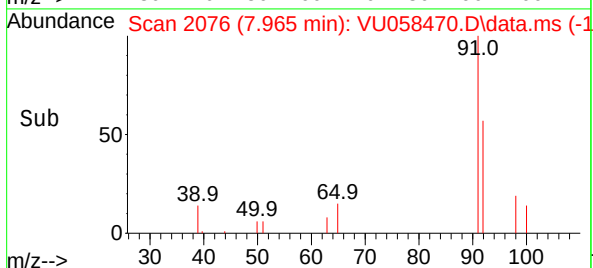
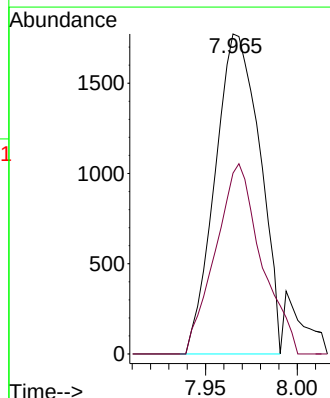
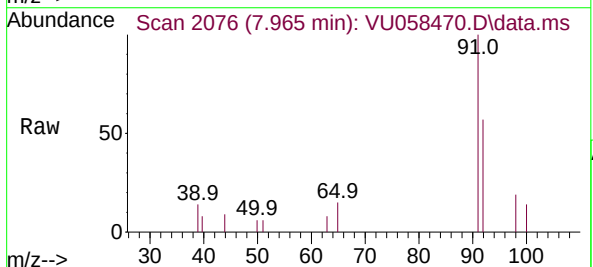
Instrument :
MSVOA_U
ClientSampleId :

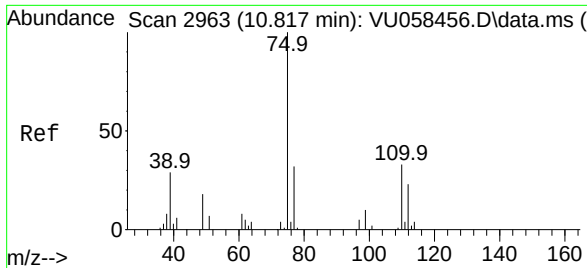
Tgt Ion: 63 Resp: 2815
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#42
Toluene
Concen: 0.113 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VU058470.D
Acq: 08 Apr 2024 15:50

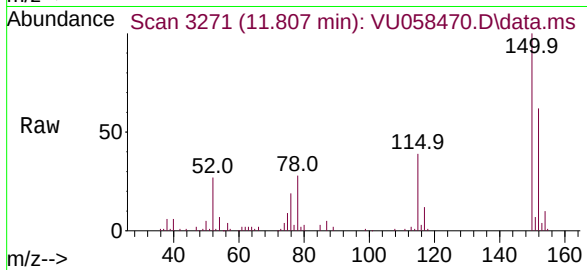
Tgt Ion: 91 Resp: 3014
Ion Ratio Lower Upper
91 100
92 56.5 39.5 73.3





#61
 1,2,3-Trichloropropane
 Concen: 1.313 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU058470.D
 Acq: 08 Apr 2024 15:50

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 4053
 Ion Ratio Lower Upper
 75 100
 110 0.0 25.8 38.6#
 77 34.2 25.1 37.7

