

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030824\
 Data File : VU058006.D
 Acq On : 08 Mar 2024 10:45
 Operator : MD/SY
 Sample : P1681-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 09 00:11:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 09 00:10:03 2024
 Response via : Initial Calibration

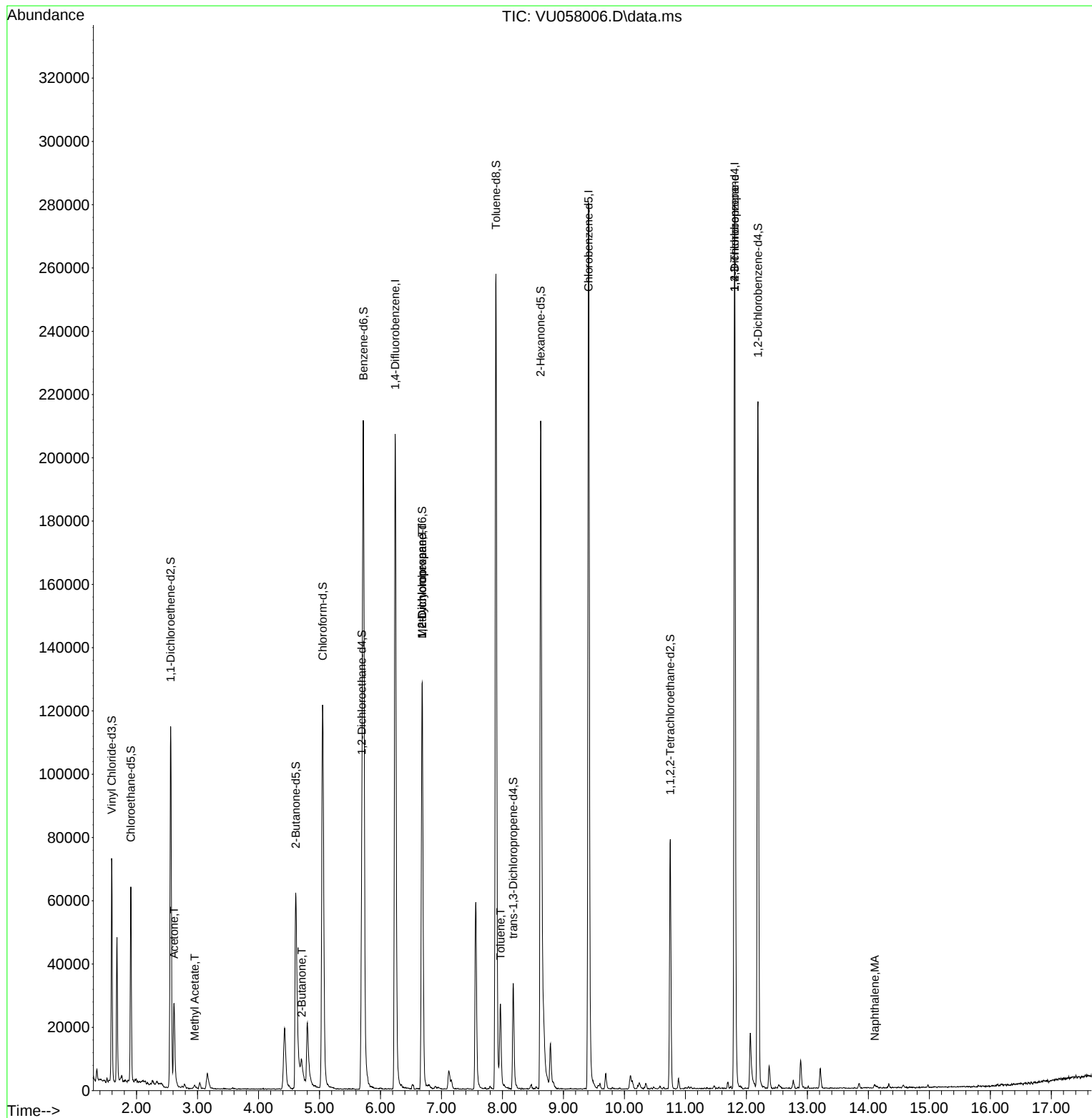
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	166365	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	155083	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	70675	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	49414	4.128	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.600%
7) Chloroethane-d5	1.907	69	42677	4.338	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.800%
11) 1,1-Dichloroethene-d2	2.560	65	22124	4.271	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.400%
20) 2-Butanone-d5	4.612	46	98962	50.178	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.360%
24) Chloroform-d	5.052	84	101559	4.486	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
26) 1,2-Dichloroethane-d4	5.695	65	49257	4.802	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
32) Benzene-d6	5.721	84	203947	4.513	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
36) 1,2-Dichloropropane-d6	6.685	67	63495	4.621	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.400%
41) Toluene-d8	7.894	98	178649	4.363	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
43) trans-1,3-Dichloroprop...	8.177	79	20019	4.237	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.800%
46) 2-Hexanone-d5	8.627	63	79558	50.154	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.300%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	39973	4.745	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	55373	4.757	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.200%
Target Compounds						
13) Acetone	2.615	43	32371	22.055	ug/L	99
15) Methyl Acetate	2.952	43	2001	0.614	ug/L #	61
21) 2-Butanone	4.711	43	12514	5.411	ug/L	77
35) Methylcyclohexane	6.685	83	14779	0.770	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	7335	0.598	ug/L #	89
42) Toluene	7.968	91	18895	0.381	ug/L	96
61) 1,2,3-Trichloropropane	11.807	75	10117	1.748	ug/L #	68
71) Naphthalene	14.106	128	2062	0.131	ug/L #	77

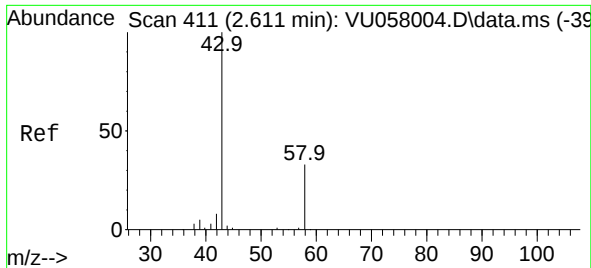
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 22.055 ug/L

RT: 2.615 min Scan# 411

Delta R.T. 0.003 min

Lab File: VU058006.D

Acq: 08 Mar 2024 10:45

Instrument :

MSVOA_U

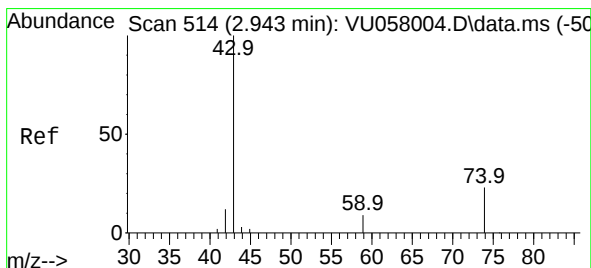
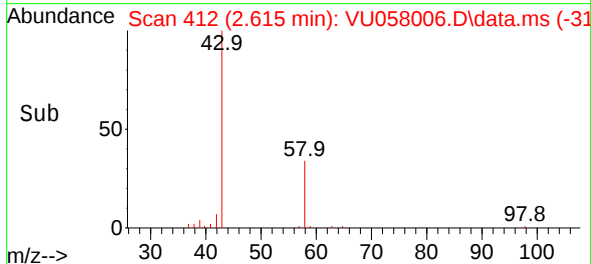
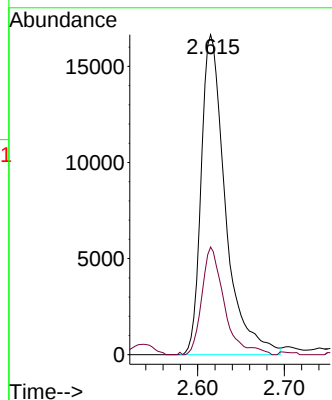
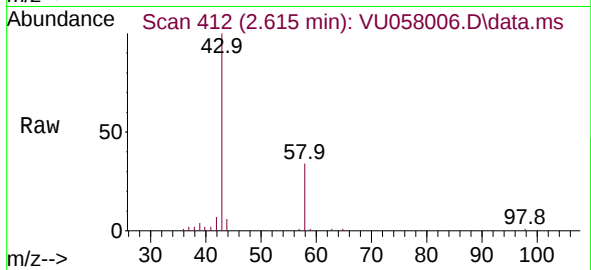
ClientSampleId :

Tgt Ion: 43 Resp: 32371

Ion Ratio Lower Upper

43 100

58 31.1 0.0 63.6



#15

Methyl Acetate

Concen: 0.614 ug/L

RT: 2.952 min Scan# 517

Delta R.T. 0.010 min

Lab File: VU058006.D

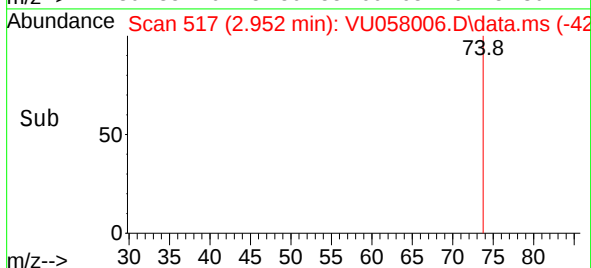
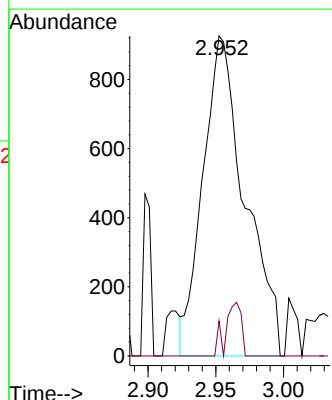
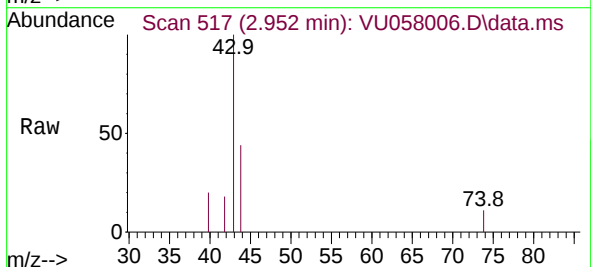
Acq: 08 Mar 2024 10:45

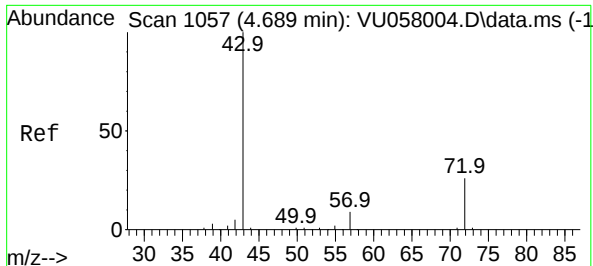
Tgt Ion: 43 Resp: 2001

Ion Ratio Lower Upper

43 100

74 6.1 20.6 31.0#

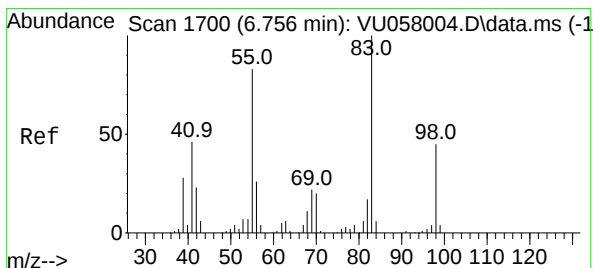
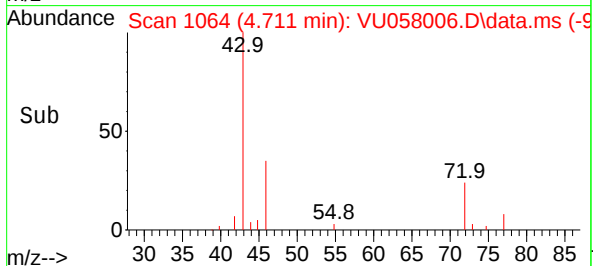
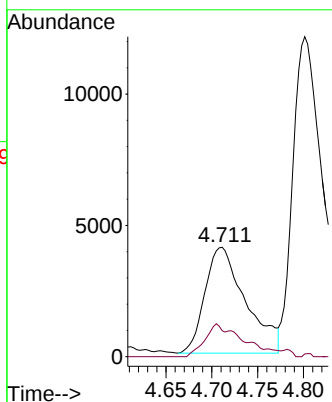
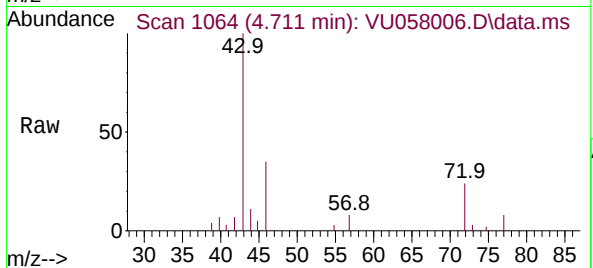




#21
2-Butanone
Concen: 5.411 ug/L
RT: 4.711 min Scan# 1064
Delta R.T. 0.023 min
Lab File: VU058006.D
Acq: 08 Mar 2024 10:45

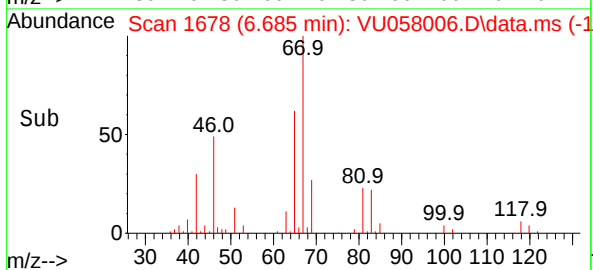
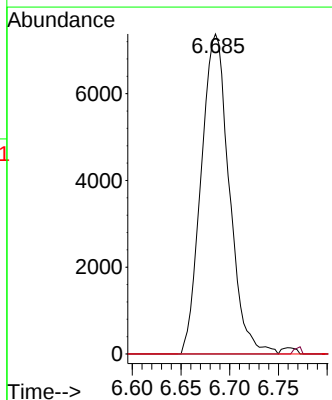
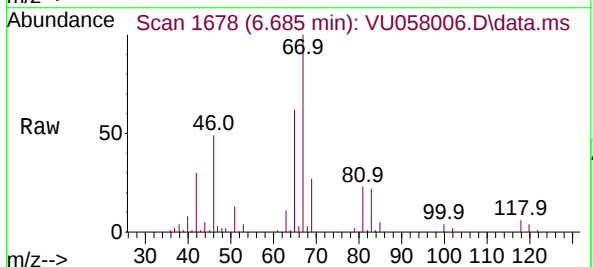
Instrument :
MSVOA_U
ClientSampleId :

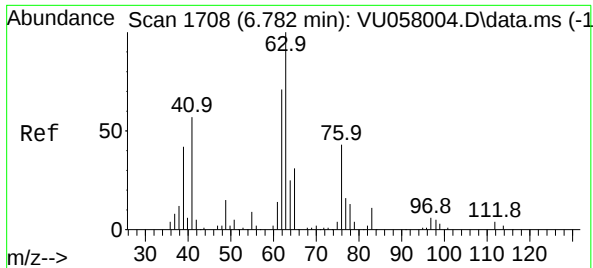
Tgt Ion: 43 Resp: 12514
Ion Ratio Lower Upper
43 100
72 14.2 13.0 39.0



#35
Methylcyclohexane
Concen: 0.770 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.071 min
Lab File: VU058006.D
Acq: 08 Mar 2024 10:45

Tgt Ion: 83 Resp: 14779
Ion Ratio Lower Upper
83 100
55 0.5 63.0 94.6#
98 0.4 36.2 54.4#

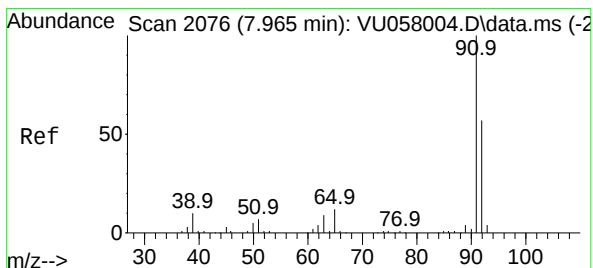
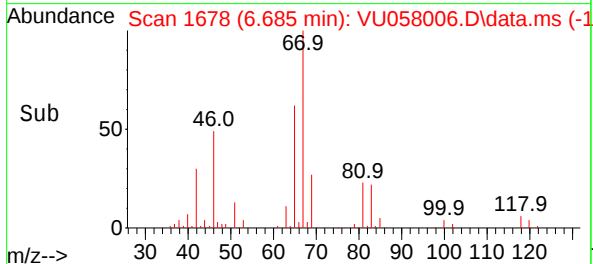
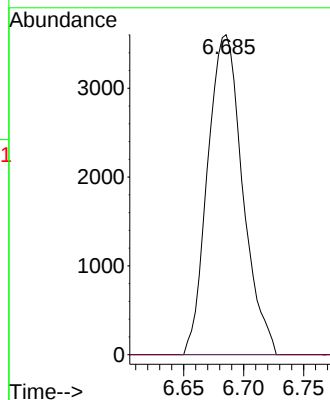
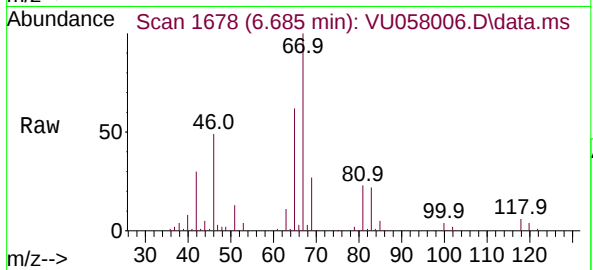




#37
1,2-Dichloropropane
Concen: 0.598 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.096 min
Lab File: VU058006.D
Acq: 08 Mar 2024 10:45

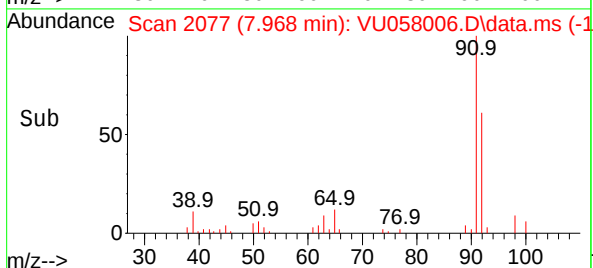
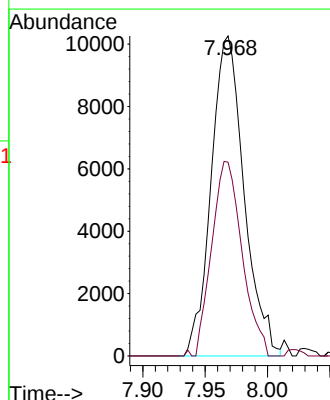
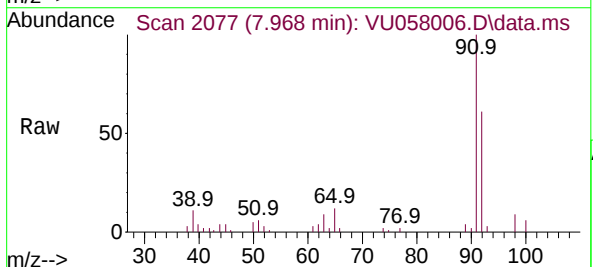
Instrument :
MSVOA_U
ClientSampleId :

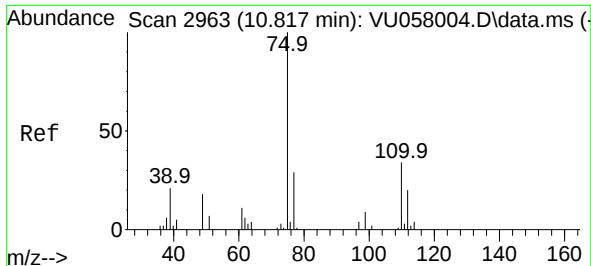
Tgt Ion: 63 Resp: 7335
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



#42
Toluene
Concen: 0.381 ug/L
RT: 7.968 min Scan# 2077
Delta R.T. 0.003 min
Lab File: VU058006.D
Acq: 08 Mar 2024 10:45

Tgt Ion: 91 Resp: 18895
Ion Ratio Lower Upper
91 100
92 60.6 40.2 74.6





#61

1,2,3-Trichloropropane

Concen: 1.748 ug/L

RT: 11.807 min Scan# 31

Delta R.T. 0.990 min

Lab File: VU058006.D

Acq: 08 Mar 2024 10:45

Instrument :

MSVOA_U

ClientSampleId :

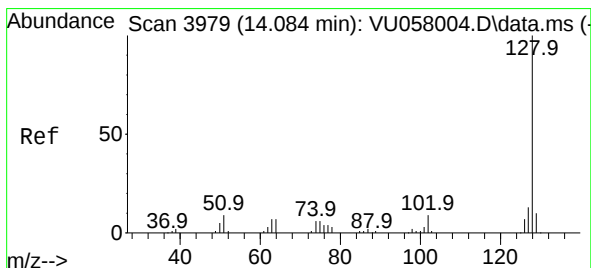
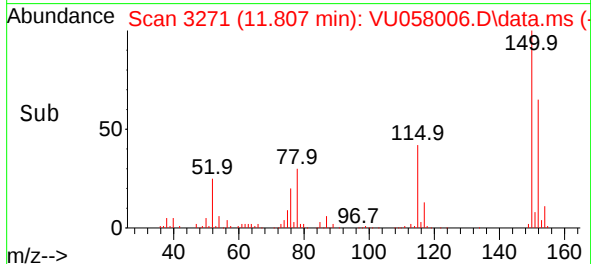
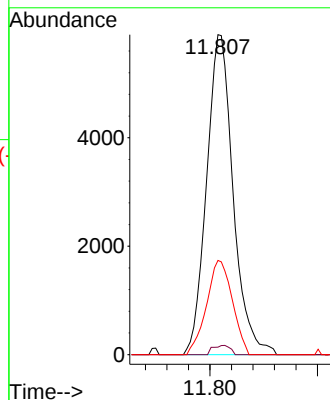
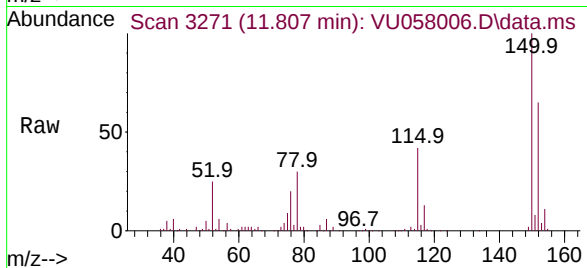
Tgt Ion: 75 Resp: 10117

Ion Ratio Lower Upper

75 100

110 1.9 28.0 42.0#

77 28.5 24.7 37.1



#71

Naphthalene

Concen: 0.131 ug/L

RT: 14.106 min Scan# 3986

Delta R.T. 0.023 min

Lab File: VU058006.D

Acq: 08 Mar 2024 10:45

Tgt Ion:128 Resp: 2062

Ion Ratio Lower Upper

128 100

129 4.8 9.0 13.6#

127 2.0 10.6 16.0#

