

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022924\
 Data File : VU057973.D
 Acq On : 29 Feb 2024 15:01
 Operator : MD/SY
 Sample : P1566-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 01 05:26:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 01 05:18:22 2024
 Response via : Initial Calibration

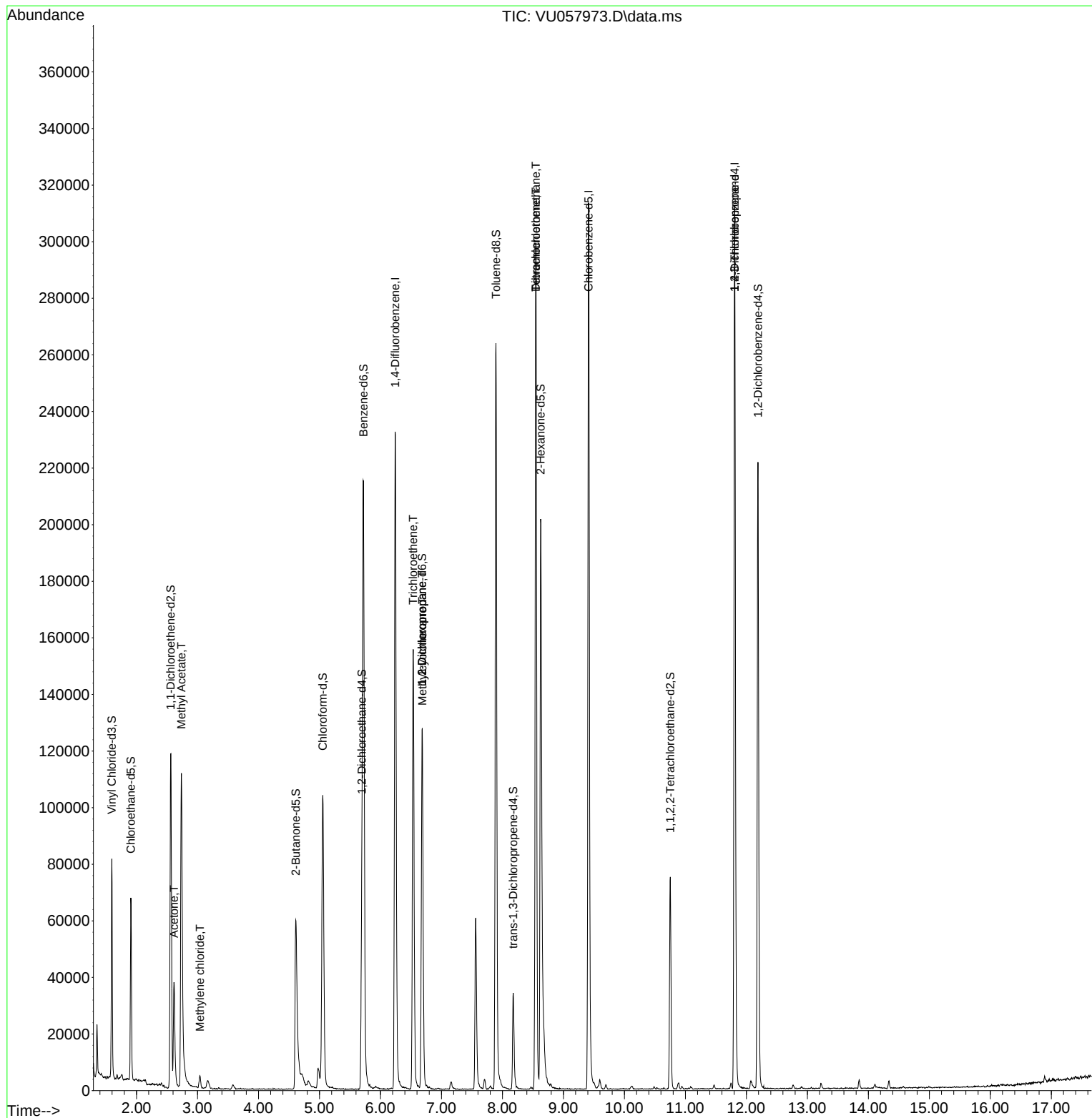
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	186678	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	178342	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	83196	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	53376	3.974	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.400%
7) Chloroethane-d5	1.907	69	44433	4.025	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.400%
11) 1,1-Dichloroethene-d2	2.560	65	23701	4.078	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.600%
20) 2-Butanone-d5	4.611	46	93793	42.382	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.760%
24) Chloroform-d	5.055	84	99633	3.922	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.400%
26) 1,2-Dichloroethane-d4	5.695	65	48331	4.199	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.000%
32) Benzene-d6	5.721	84	208179	4.006	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.200%
36) 1,2-Dichloropropane-d6	6.682	67	63290	4.006	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.200%
41) Toluene-d8	7.894	98	182650	3.879	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.600%
43) trans-1,3-Dichloroprop...	8.177	79	20552	3.783	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.600%
46) 2-Hexanone-d5	8.627	63	74834	41.023	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.040%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	38606	3.985	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	57584	4.203	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.000%
Target Compounds						
13) Acetone	2.615	43	43299	26.291	ug/L	100
15) Methyl Acetate	2.737	43	31932	8.737	ug/L #	49
16) Methylene chloride	3.039	84	2075	0.152	ug/L	98
34) Trichloroethene	6.537	95	55820	3.877	ug/L	96
35) Methylcyclohexane	6.689	83	13998	0.634	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	6869	0.487	ug/L #	89
47) Tetrachloroethene	8.547	164	63622	6.369	ug/L	98
49) Dibromochloromethane	8.547	129	64557	6.518	ug/L #	10
61) 1,2,3-Trichloropropane	11.807	75	11508	1.689	ug/L #	69

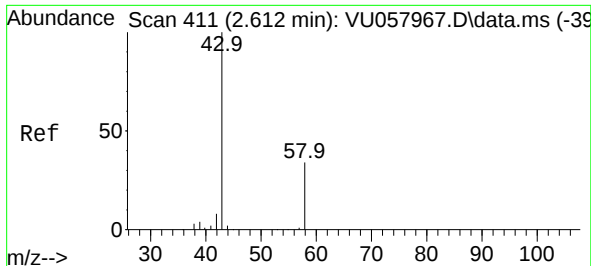
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 26.291 ug/L

RT: 2.615 min Scan# 411

Delta R.T. 0.003 min

Lab File: VU057973.D

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Instrument :

MSVOA_U

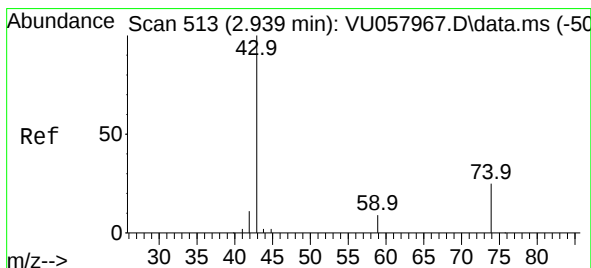
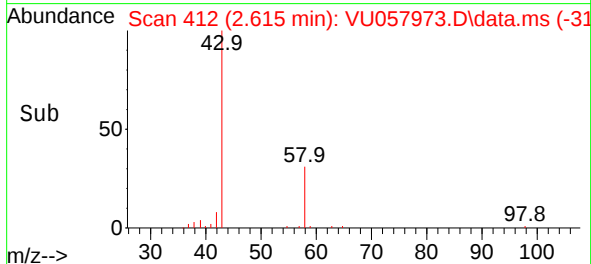
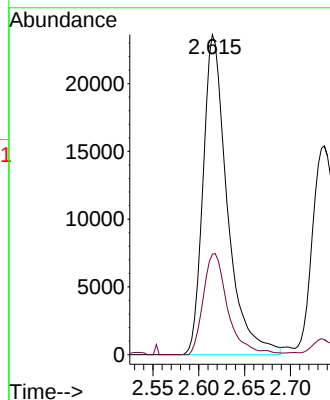
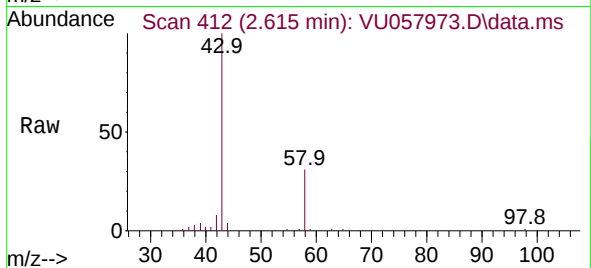
ClientSampleId :

Tgt Ion: 43 Resp: 43299

Ion Ratio Lower Upper

43 100

58 32.1 0.0 63.6



#15

Methyl Acetate

Concen: 8.737 ug/L

RT: 2.737 min Scan# 450

Delta R.T. -0.203 min

Lab File: VU057973.D

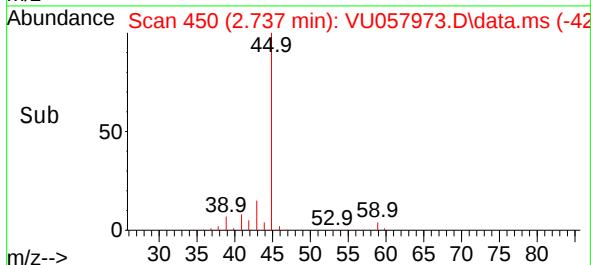
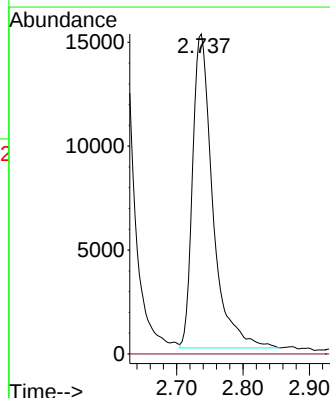
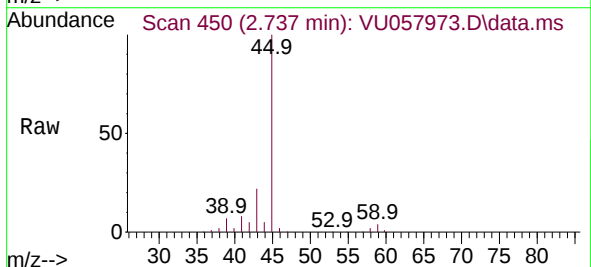
Acq: 29 Feb 2024 15:01

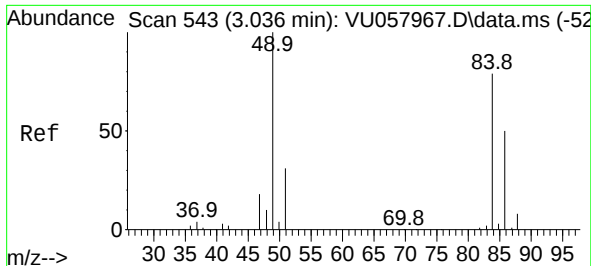
Tgt Ion: 43 Resp: 31932

Ion Ratio Lower Upper

43 100

74 0.0 20.6 31.0#





#16

Methylene chloride

Concen: 0.152 ug/L

RT: 3.039 min Scan# 54

Delta R.T. 0.003 min

Lab File: VU057973.D

Acq: 29 Feb 2024 15:01

Instrument :

MSVOA_U

ClientSampleId :

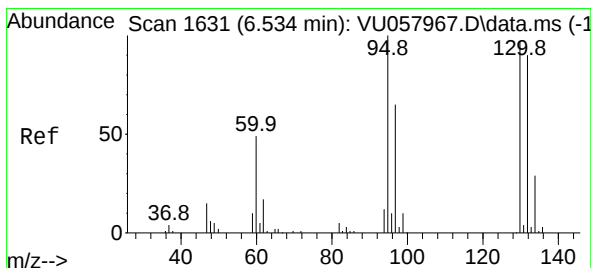
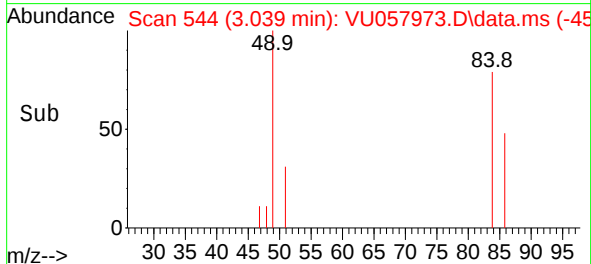
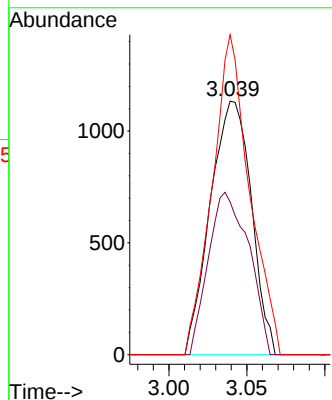
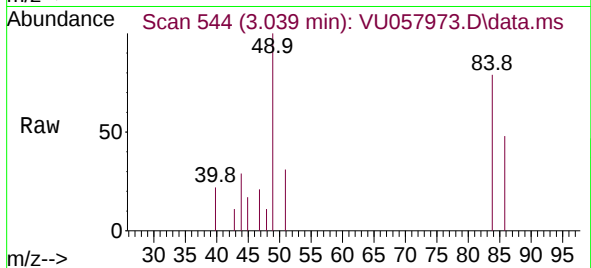
Tgt Ion: 84 Resp: 2075

Ion Ratio Lower Upper

84 100

86 60.2 44.4 82.4

49 126.2 88.8 165.0



#34

Trichloroethene

Concen: 3.877 ug/L

RT: 6.537 min Scan# 1632

Delta R.T. 0.003 min

Lab File: VU057973.D

Acq: 29 Feb 2024 15:01

Tgt Ion: 95 Resp: 55820

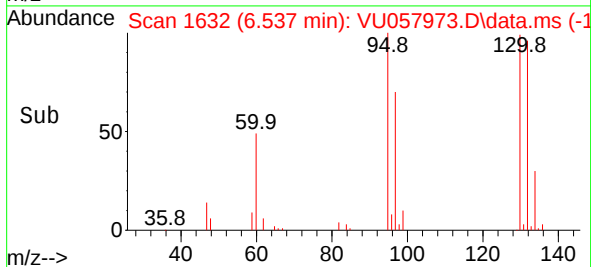
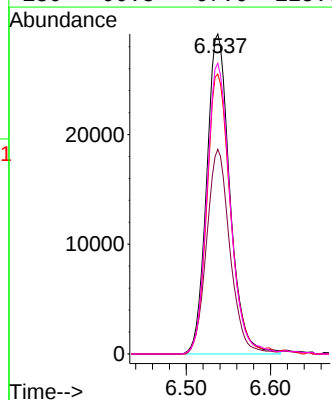
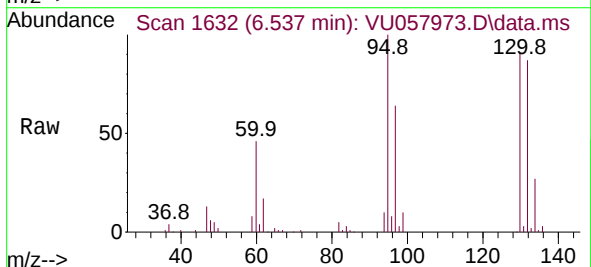
Ion Ratio Lower Upper

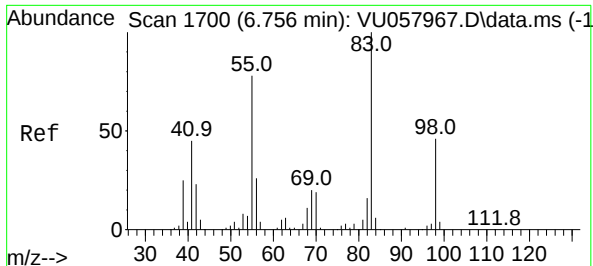
95 100

97 64.0 45.3 84.1

132 87.5 63.1 117.1

130 90.8 67.6 125.6

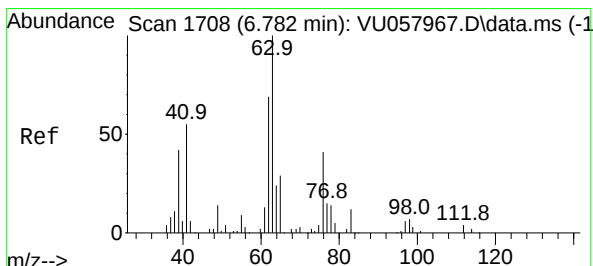
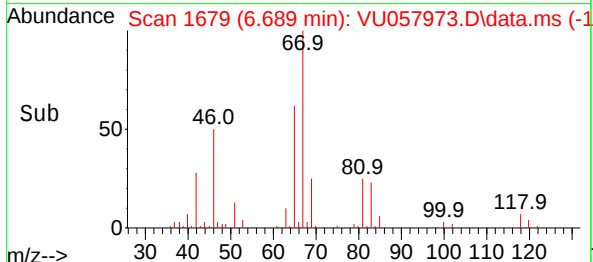
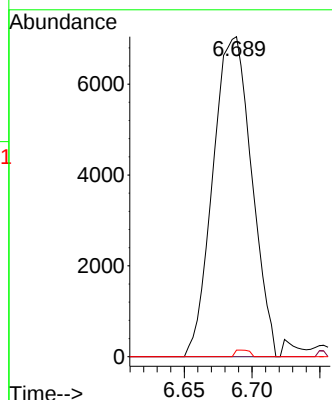
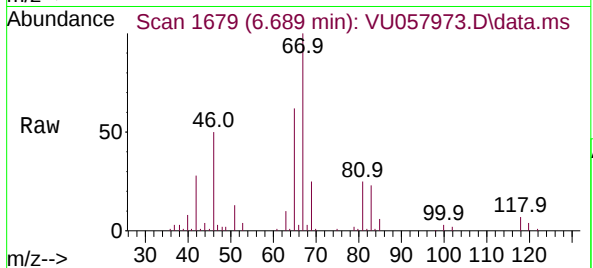




#35
Methylcyclohexane
Concen: 0.634 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.067 min
Lab File: VU057973.D
Acq: 29 Feb 2024 15:01

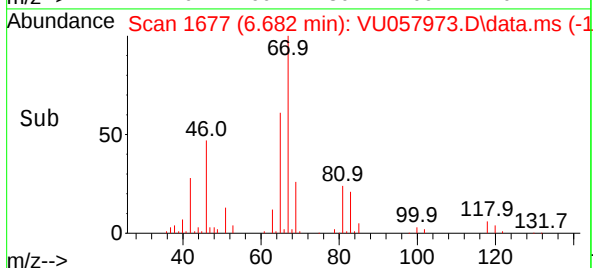
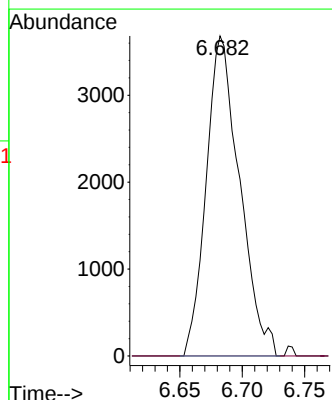
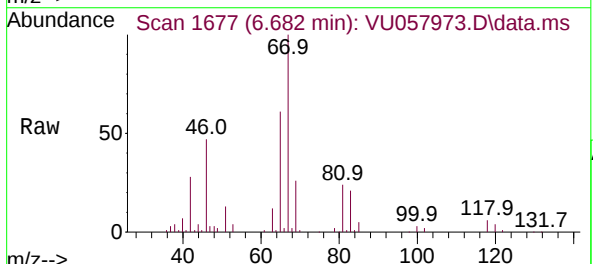
Instrument :
MSVOA_U
ClientSampleId :

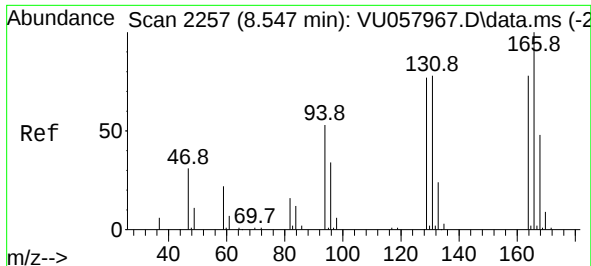
Tgt Ion: 83 Resp: 13998
Ion Ratio Lower Upper
83 100
55 0.4 63.0 94.6#
98 0.0 36.2 54.4#



#37
1,2-Dichloropropane
Concen: 0.487 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.100 min
Lab File: VU057973.D
Acq: 29 Feb 2024 15:01

Tgt Ion: 63 Resp: 6869
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#





#47

Tetrachloroethene

Concen: 6.369 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

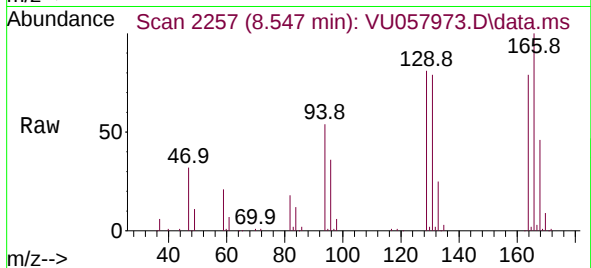
Lab File: VU057973.D

Acq: 29 Feb 2024 15:01

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 63622

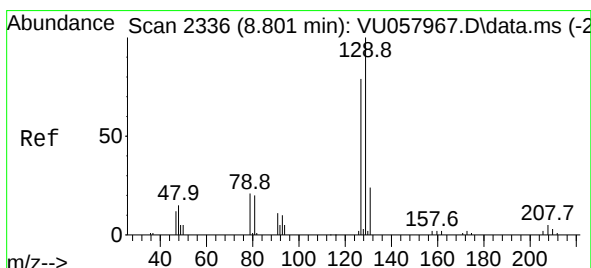
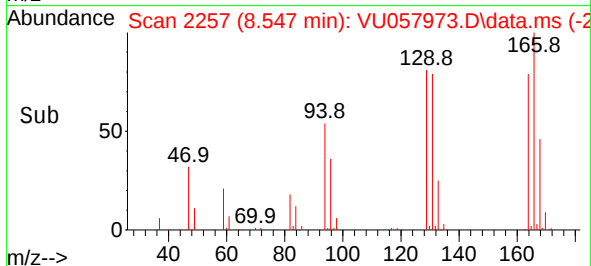
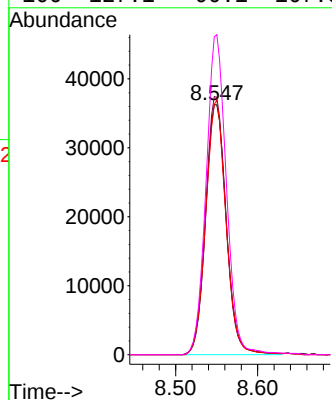
Ion Ratio Lower Upper

164 100

129 103.2 69.3 128.7

131 100.1 69.9 129.9

166 127.1 90.1 167.3



#49

Dibromochloromethane

Concen: 6.518 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.254 min

Lab File: VU057973.D

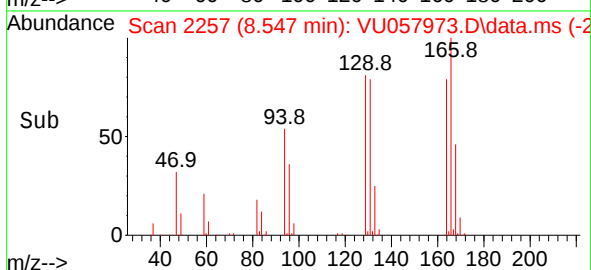
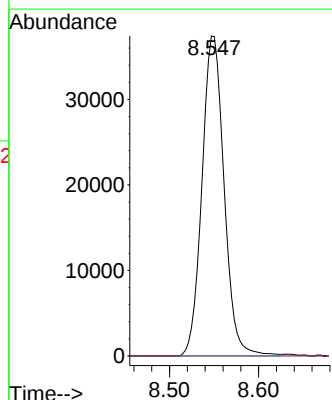
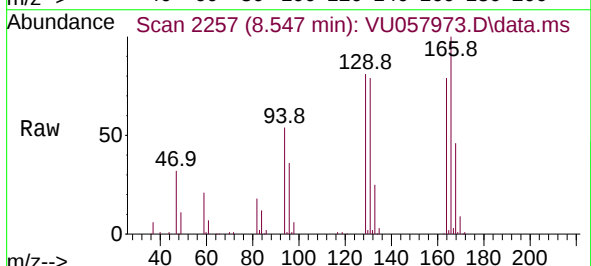
Acq: 29 Feb 2024 15:01

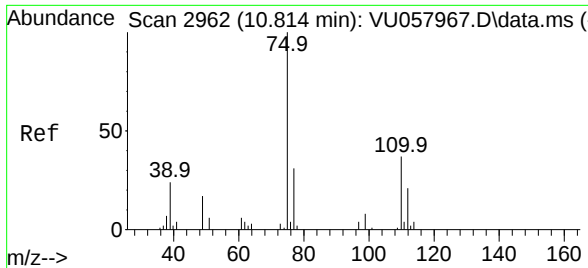
Tgt Ion:129 Resp: 64557

Ion Ratio Lower Upper

129 100

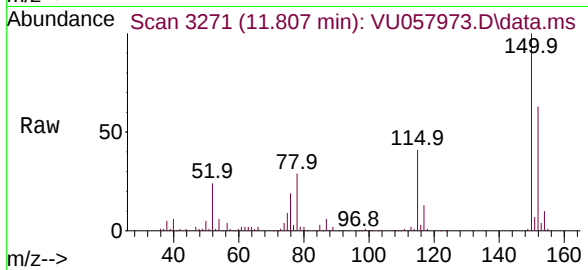
127 0.0 55.2 102.6#





#61
 1,2,3-Trichloropropane
 Concen: 1.689 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.994 min
 Lab File: VU057973.D
 Acq: 29 Feb 2024 15:01

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 11508
 Ion Ratio Lower Upper
 75 100
 110 2.3 28.0 42.0#
 77 30.1 24.7 37.1

