

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100223\
 Data File : VU055619.D
 Acq On : 02 Oct 2023 21:46
 Operator : MD/SY
 Sample : 04679-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 03 06:23:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 03 06:03:59 2023
 Response via : Initial Calibration

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

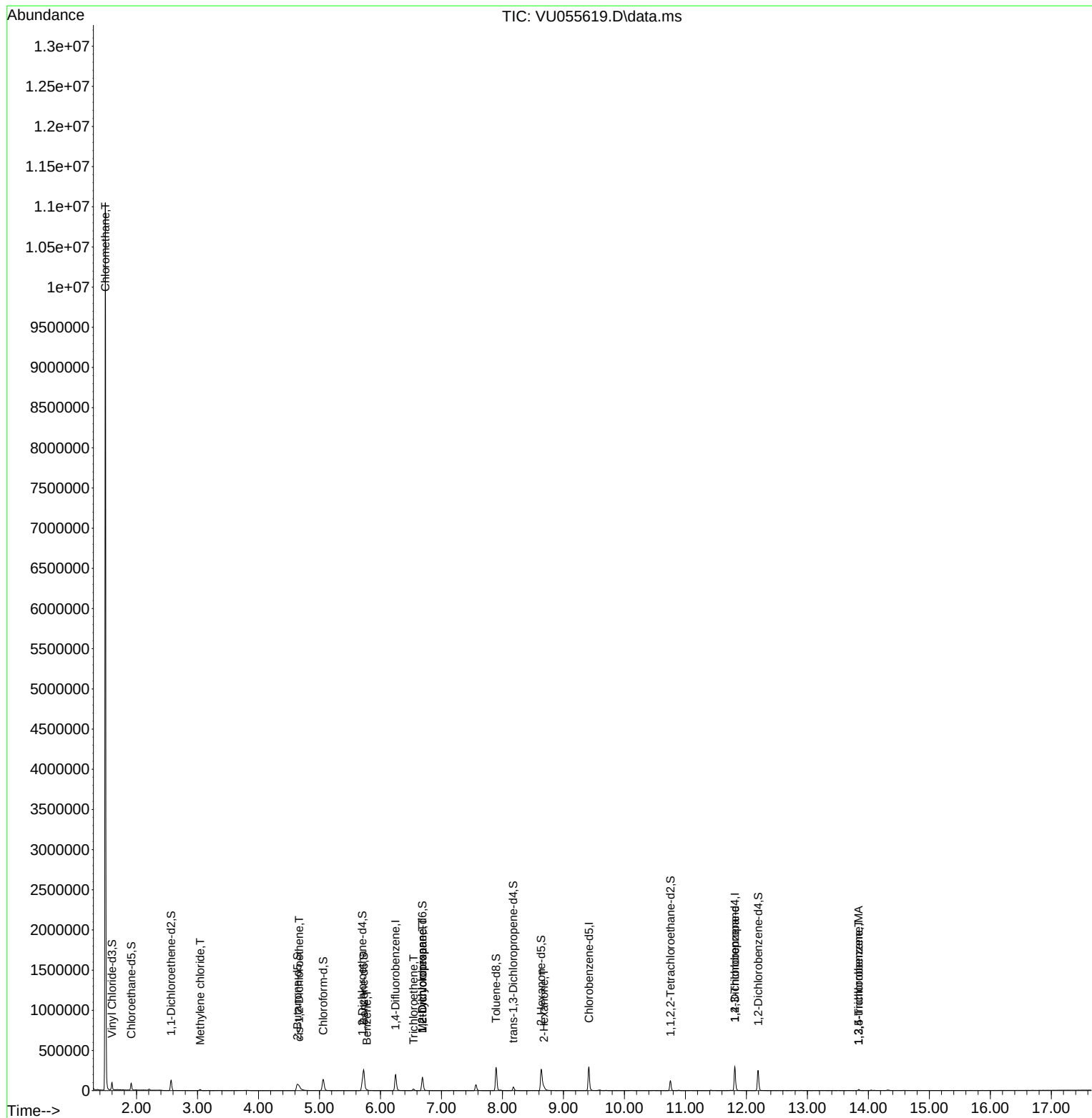
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	159553	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	165546	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	78019	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	60044	3.723	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.400%
7) Chloroethane-d5	1.914	69	61953	4.359	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.200%
11) 1,1-Dichloroethene-d2	2.567	65	24174	3.642	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.800%
20) 2-Butanone-d5	4.637	46	166641	57.212	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.420%
24) Chloroform-d	5.062	84	134783	4.621	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
26) 1,2-Dichloroethane-d4	5.701	65	66567	4.744	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
32) Benzene-d6	5.724	84	243086	4.198	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.000%
36) 1,2-Dichloropropane-d6	6.689	67	79265	4.582	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.600%
41) Toluene-d8	7.898	98	196556	3.724	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.400%
43) trans-1,3-Dichloroprop...	8.177	79	26233	4.321	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.400%
46) 2-Hexanone-d5	8.634	63	87091	47.159	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.320%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	63276	4.880	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.600%
66) 1,2-Dichlorobenzene-d4	12.193	152	66515	4.224	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.489	50	70330	5.147	ug/L #	69
16) Methylene chloride	3.042	84	5754	0.431	ug/L	93
22) cis-1,2-Dichloroethene	4.666	96	8523	0.654	ug/L	95
33) Benzene	5.779	78	7313	0.153	ug/L	100
34) Trichloroethene	6.544	95	6376	0.473	ug/L	90
35) Methylcyclohexane	6.689	83	18471	0.951	ug/L #	20
37) 1,2-Dichloropropane	6.689	63	8984	0.721	ug/L #	88
48) 2-Hexanone	8.682	43	19540	4.460	ug/L #	76
61) 1,2,3-Trichloropropane	11.811	75	10924	1.794	ug/L #	66
69) 1,3,5-Trichlorobenzene	13.843	180	4168	0.281	ug/L	90
70) 1,2,4-trichlorobenzene	13.843	180	4342	0.384	ug/L #	90

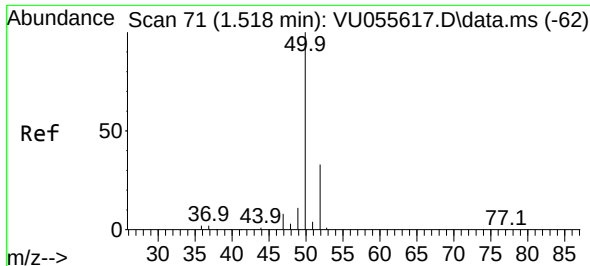
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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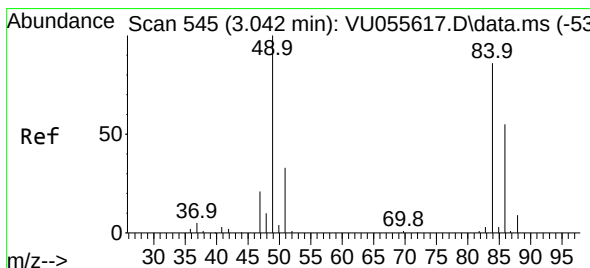
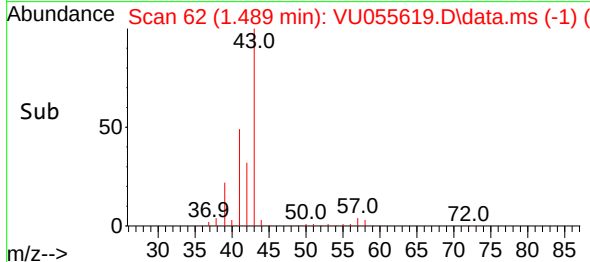
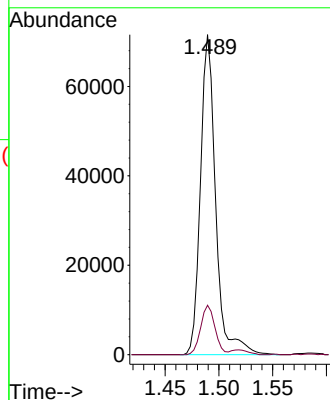
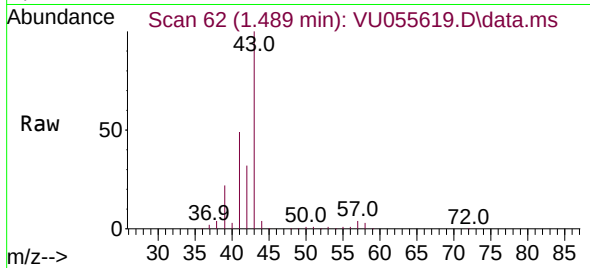




#3
Chloromethane
Concen: 5.147 ug/L
RT: 1.489 min Scan# 61
Delta R.T. -0.029 min
Lab File: VU055619.D
Acq: 02 Oct 2023 21:46

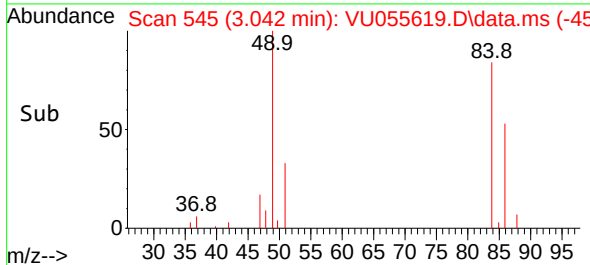
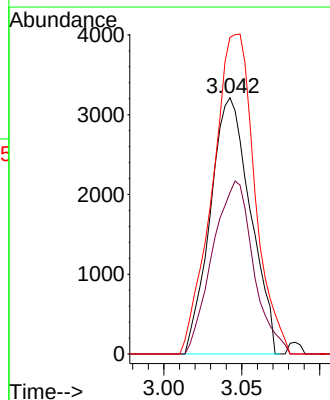
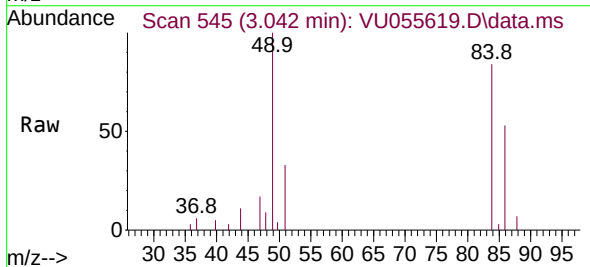
Instrument :
MSVOA_U
ClientSampleId :

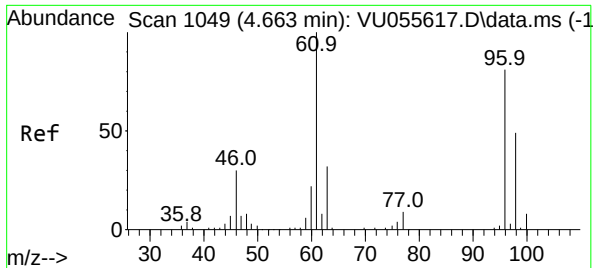
Tgt Ion: 50 Resp: 70330
Ion Ratio Lower Upper
50 100
52 15.4 22.9 42.5#



#16
Methylene chloride
Concen: 0.431 ug/L
RT: 3.042 min Scan# 545
Delta R.T. -0.000 min
Lab File: VU055619.D
Acq: 02 Oct 2023 21:46

Tgt Ion: 84 Resp: 5754
Ion Ratio Lower Upper
84 100
86 63.0 44.9 83.3
49 123.6 78.8 146.3

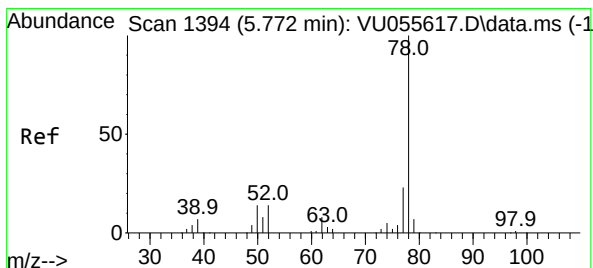
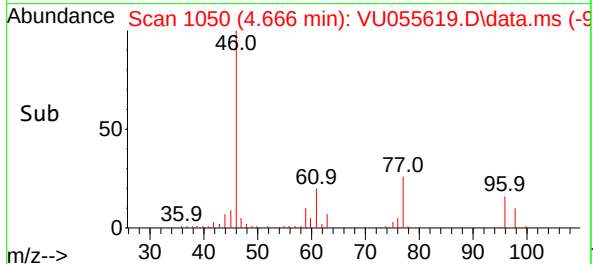
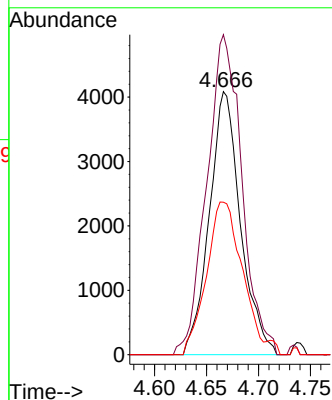
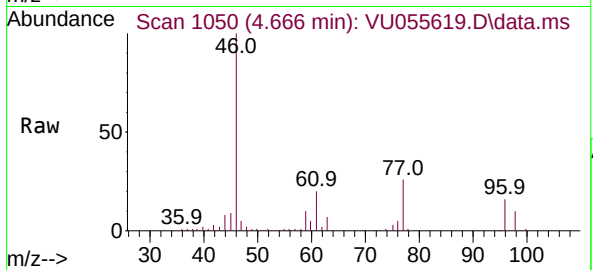




#22
 cis-1,2-Dichloroethene
 Concen: 0.654 ug/L
 RT: 4.666 min Scan# 1050
 Delta R.T. 0.003 min
 Lab File: VU055619.D
 Acq: 02 Oct 2023 21:46

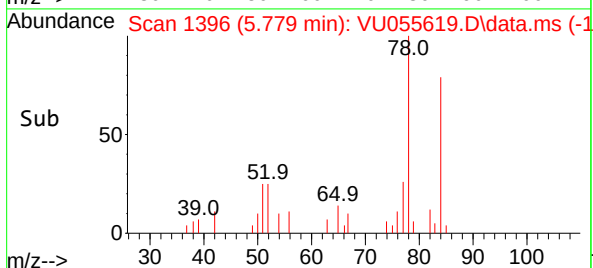
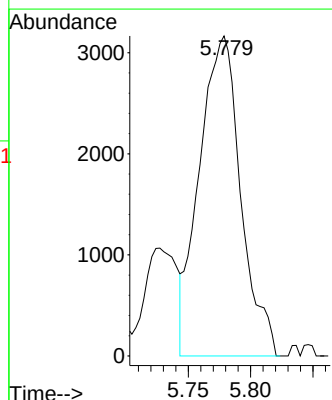
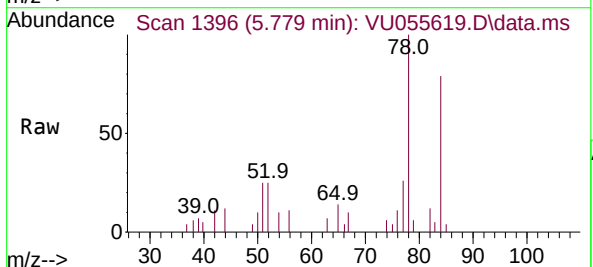
Instrument :
 MSVOA_U
 ClientSampleId :

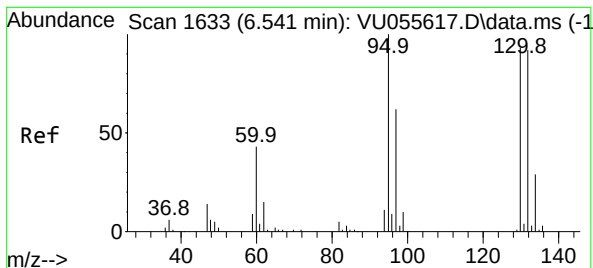
Tgt Ion: 96 Resp: 8523
 Ion Ratio Lower Upper
 96 100
 61 121.7 87.8 163.2
 98 58.0 44.4 82.4



#33
 Benzene
 Concen: 0.153 ug/L
 RT: 5.779 min Scan# 1396
 Delta R.T. 0.006 min
 Lab File: VU055619.D
 Acq: 02 Oct 2023 21:46

Tgt Ion: 78 Resp: 7313





#34

Trichloroethene

Concen: 0.473 ug/L

RT: 6.544 min Scan# 1633

Delta R.T. 0.003 min

Lab File: VU055619.D

Acq: 02 Oct 2023 21:46

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 6376

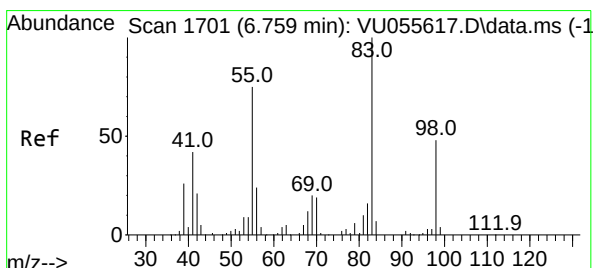
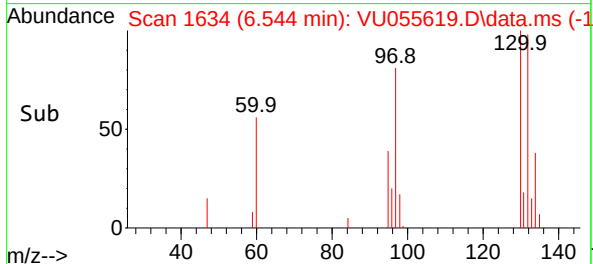
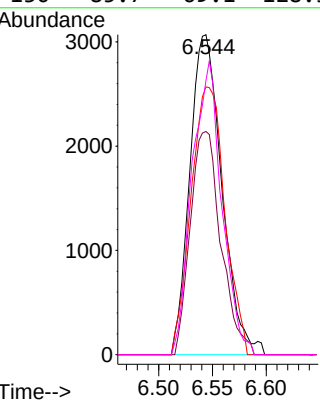
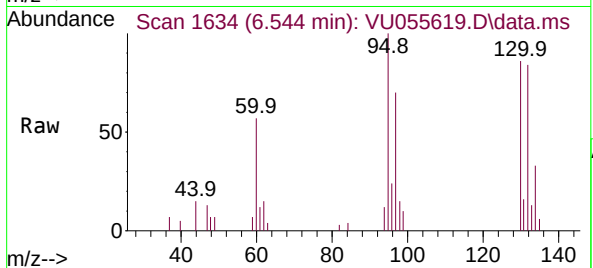
Ion Ratio Lower Upper

95 100

97 69.7 45.4 84.2

132 83.7 65.2 121.2

130 85.7 69.1 128.3



#35

Methylcyclohexane

Concen: 0.951 ug/L

RT: 6.689 min Scan# 1679

Delta R.T. -0.071 min

Lab File: VU055619.D

Acq: 02 Oct 2023 21:46

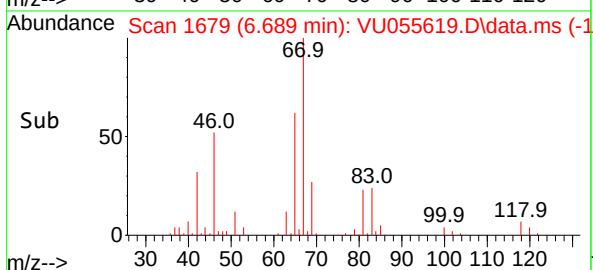
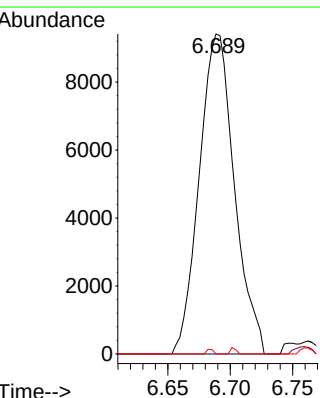
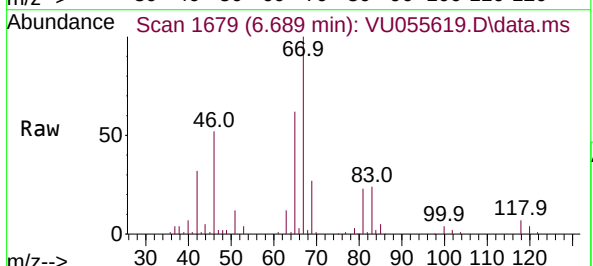
Tgt Ion: 83 Resp: 18471

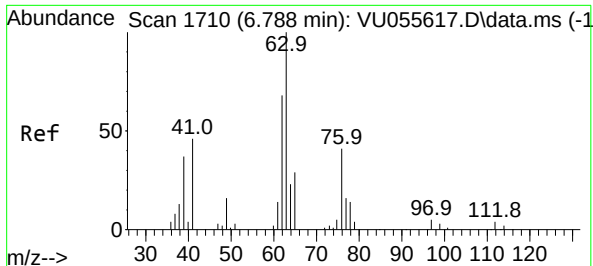
Ion Ratio Lower Upper

83 100

55 0.0 59.1 88.7#

98 0.3 36.3 54.5#

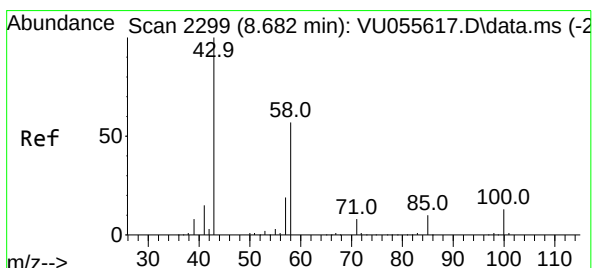
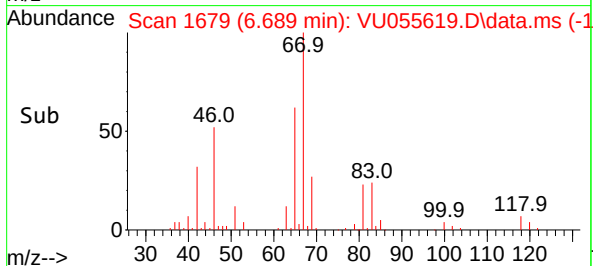
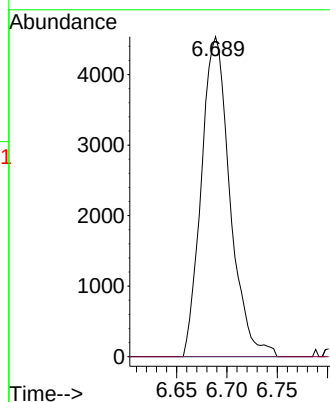
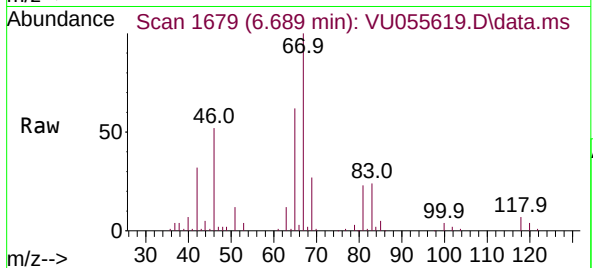




#37
1,2-Dichloropropane
Concen: 0.721 ug/L
RT: 6.689 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU055619.D
Acq: 02 Oct 2023 21:46

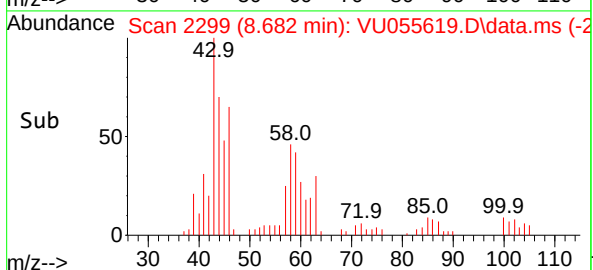
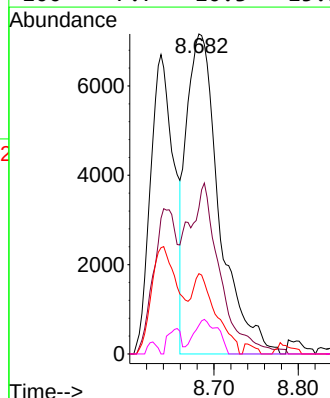
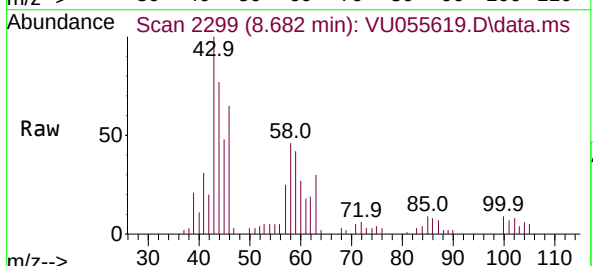
Instrument :
MSVOA_U
ClientSampleId :

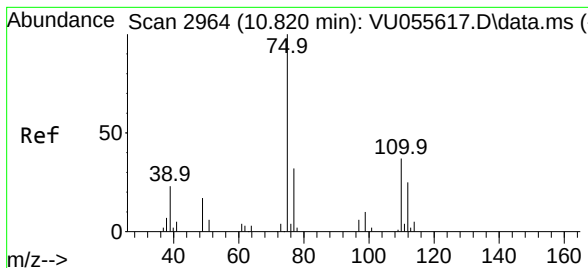
Tgt Ion: 63 Resp: 8984
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#



#48
2-Hexanone
Concen: 4.460 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VU055619.D
Acq: 02 Oct 2023 21:46

Tgt Ion: 43 Resp: 19540
Ion Ratio Lower Upper
43 100
58 35.5 48.5 72.7#
57 18.2 17.0 25.4
100 7.7 10.3 15.5#





#61

1,2,3-Trichloropropane

Concen: 1.794 ug/L

RT: 11.811 min Scan# 31

Delta R.T. 0.990 min

Lab File: VU055619.D

Acq: 02 Oct 2023 21:46

Instrument :

MSVOA_U

ClientSampleId :

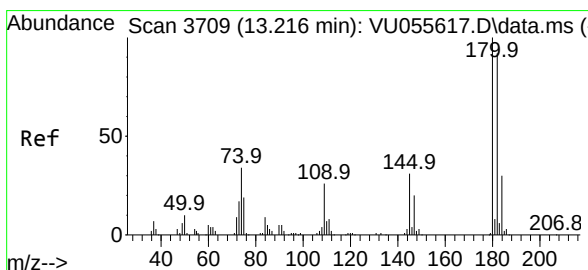
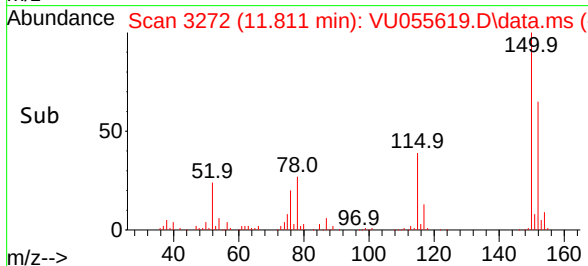
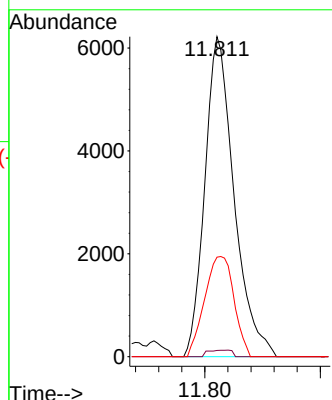
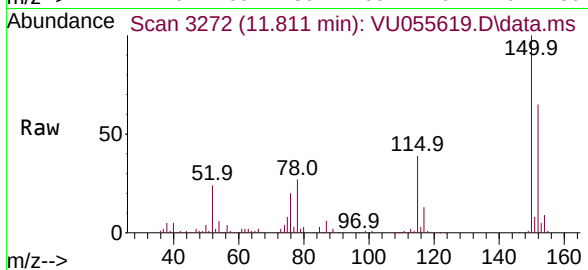
Tgt Ion: 75 Resp: 10924

Ion Ratio Lower Upper

75 100

110 1.7 30.6 45.8#

77 31.3 26.7 40.1



#69

1,3,5-Trichlorobenzene

Concen: 0.281 ug/L

RT: 13.843 min Scan# 3904

Delta R.T. 0.627 min

Lab File: VU055619.D

Acq: 02 Oct 2023 21:46

Tgt Ion:180 Resp: 4168

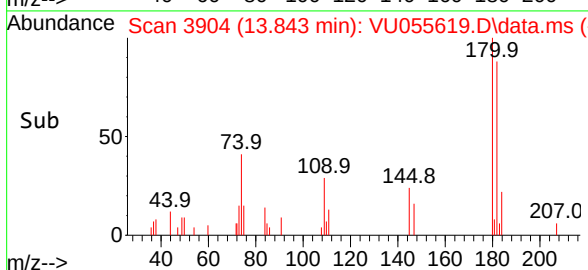
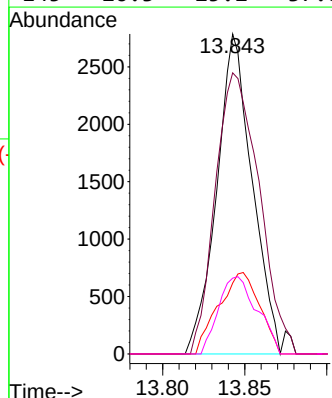
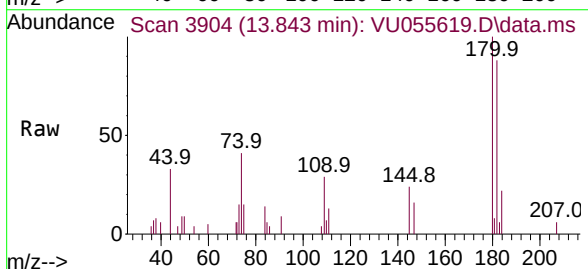
Ion Ratio Lower Upper

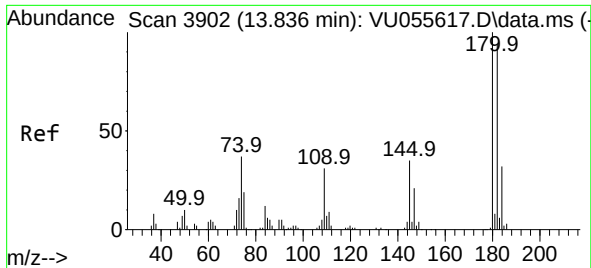
180 100

182 108.5 77.1 115.7

184 29.5 24.0 36.0

145 26.3 25.2 37.8





#70

1,2,4-trichlorobenzene

Concen: 0.384 ug/L

RT: 13.843 min Scan# 3904

Delta R.T. 0.006 min

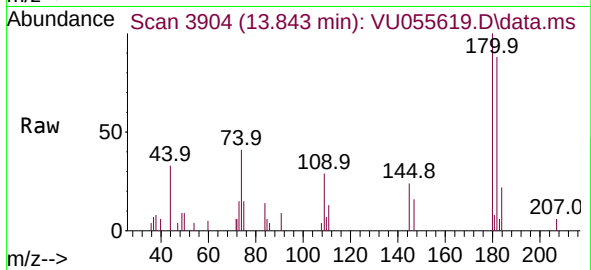
Lab File: VU055619.D

Acq: 02 Oct 2023 21:46

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 4342

Ion Ratio Lower Upper

180 100

182 104.2 76.4 114.6

145 25.2 25.4 38.0#

