

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091223\
 Data File : VU055252.D
 Acq On : 12 Sep 2023 16:52
 Operator : MD/SY
 Sample : 04350-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 13 01:48:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 13 01:44:08 2023
 Response via : Initial Calibration

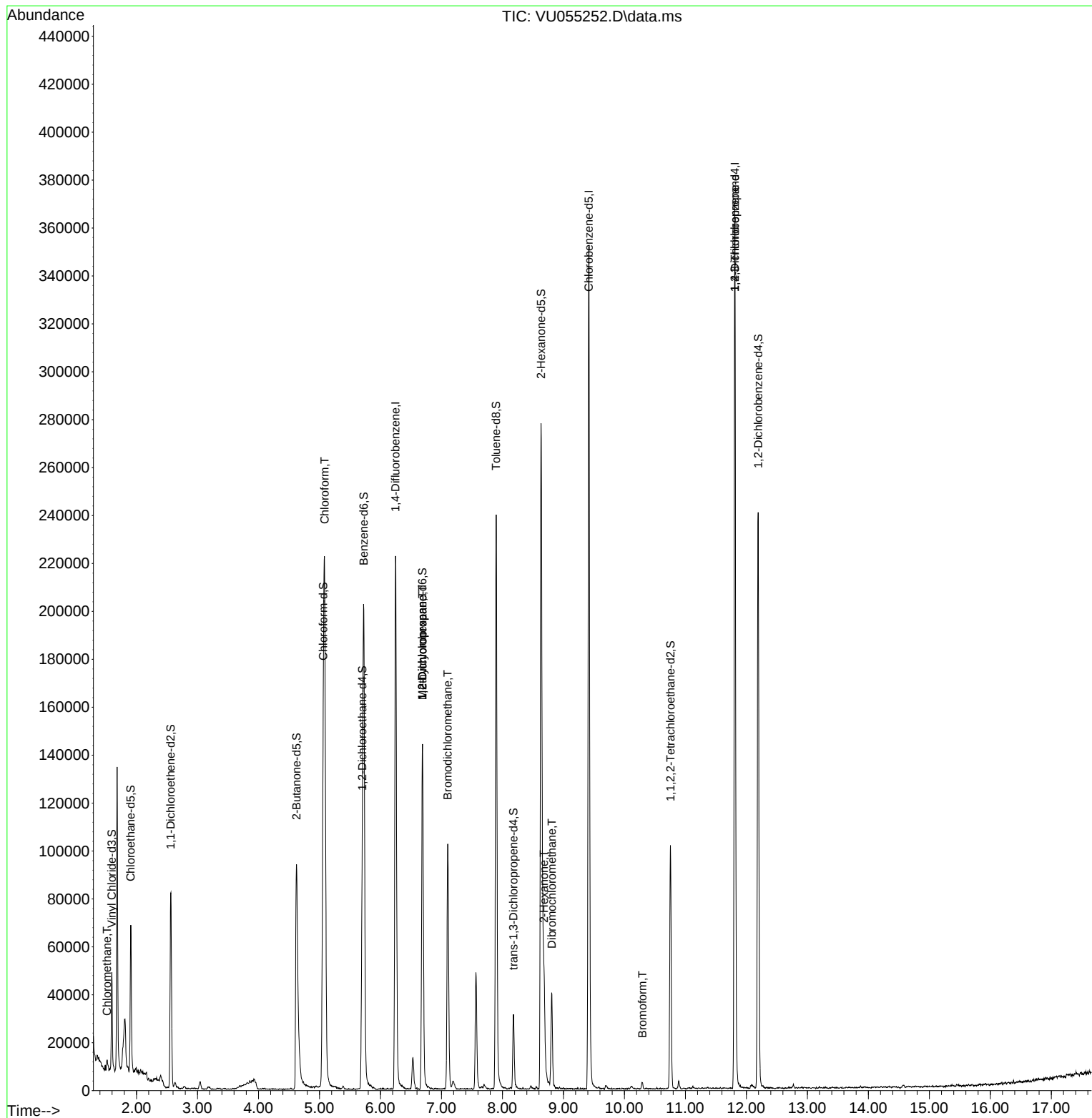
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	181458	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	195495	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	94864	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	29455	3.463	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.200%
7) Chloroethane-d5	1.904	69	43602	4.429	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.600%
11) 1,1-Dichloroethene-d2	2.560	65	16212	3.346	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.000%
20) 2-Butanone-d5	4.624	46	139101	56.363	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.720%
24) Chloroform-d	5.062	84	107246	4.752	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
26) 1,2-Dichloroethane-d4	5.702	65	55083	4.879	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	5.727	84	190540	3.949	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.000%
36) 1,2-Dichloropropane-d6	6.689	67	68458	4.460	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.200%
41) Toluene-d8	7.898	98	160914	3.620	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.400%
43) trans-1,3-Dichloroprop...	8.181	79	17189	4.067	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.400%
46) 2-Hexanone-d5	8.634	63	88544	51.600	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.200%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	50665	4.694	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.800%
66) 1,2-Dichlorobenzene-d4	12.193	152	61676	4.454	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.518	50	2820	0.263	ug/L	99
25) Chloroform	5.084	83	165827	8.656	ug/L	99
35) Methylcyclohexane	6.689	83	16356	1.008	ug/L #	24
37) 1,2-Dichloropropane	6.689	63	8201	0.724	ug/L #	88
38) Bromodichloromethane	7.103	83	67745	5.009	ug/L	100
48) 2-Hexanone	8.682	43	23478	4.639	ug/L #	83
49) Dibromochloromethane	8.807	129	19731	2.369	ug/L	98
59) Bromoform	10.296	173	1354	0.357	ug/L #	94
61) 1,2,3-Trichloropropane	11.811	75	11947	1.898	ug/L #	65

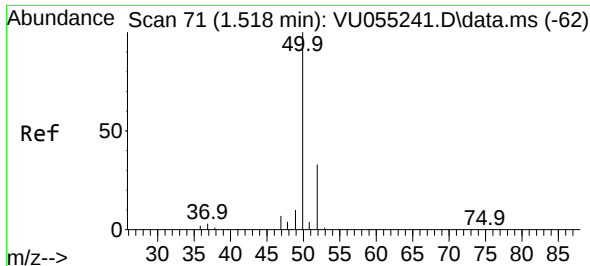
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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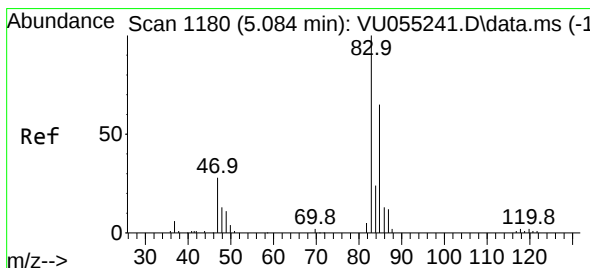
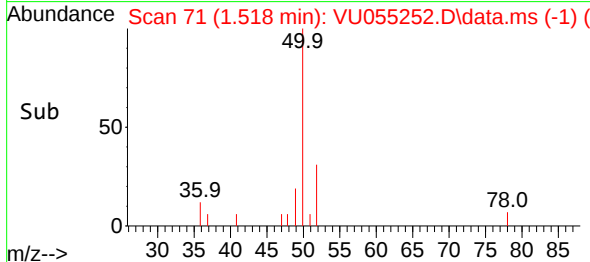
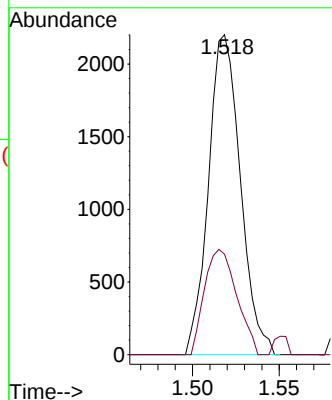
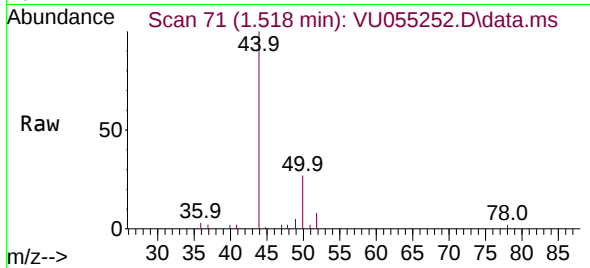




#3
Chloromethane
Concen: 0.263 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU055252.D
Acq: 12 Sep 2023 16:52

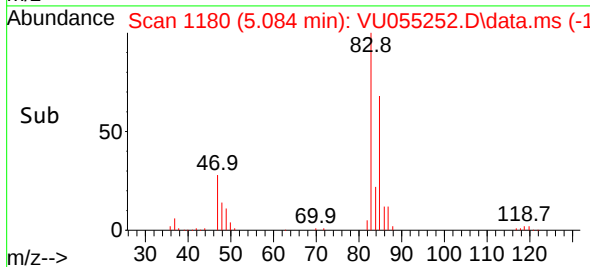
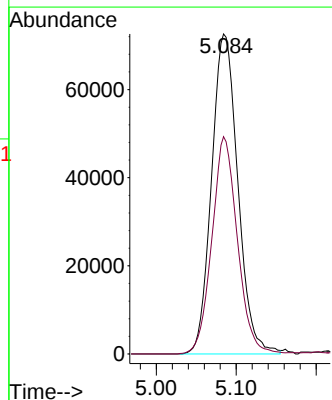
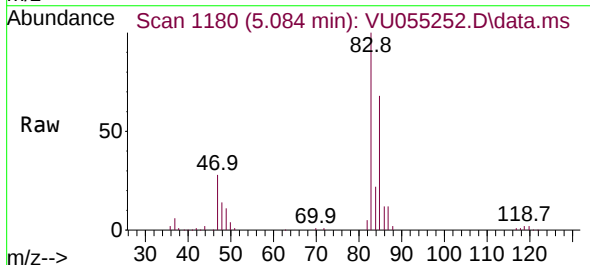
Instrument :
MSVOA_U
ClientSampleId :

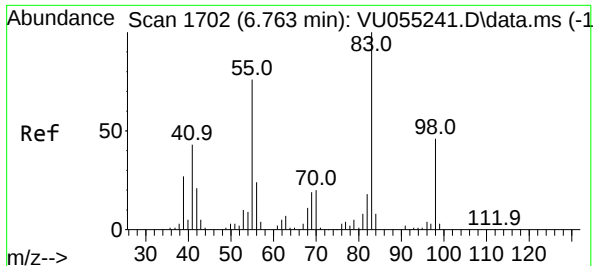
Tgt Ion: 50 Resp: 2820
Ion Ratio Lower Upper
50 100
52 31.4 22.5 41.7



#25
Chloroform
Concen: 8.656 ug/L
RT: 5.084 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VU055252.D
Acq: 12 Sep 2023 16:52

Tgt Ion: 83 Resp: 165827
Ion Ratio Lower Upper
83 100
85 67.9 47.2 87.6





#35

Methylcyclohexane

Concen: 1.008 ug/L

RT: 6.689 min Scan# 1679

Delta R.T. -0.074 min

Lab File: VU055252.D

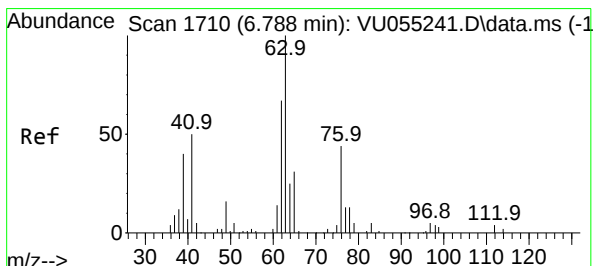
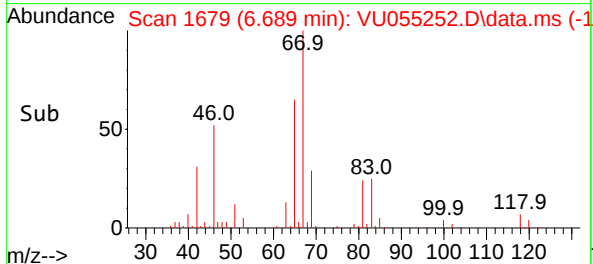
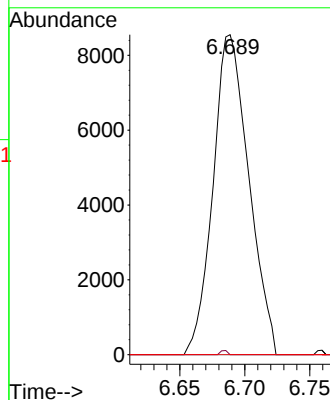
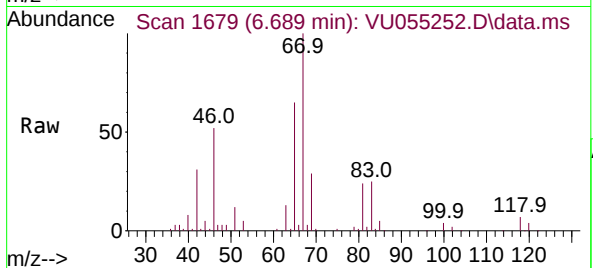
Acq: 12 Sep 2023 16:52

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 16356
Ion Ratio	Lower Upper
83	100
55	0.3 60.4 90.6#
98	8.7 35.3 52.9#



#37

1,2-Dichloropropane

Concen: 0.724 ug/L

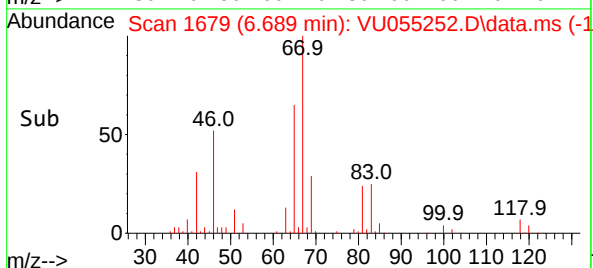
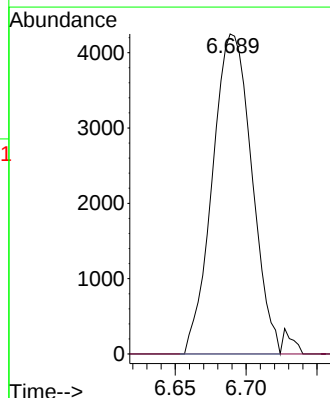
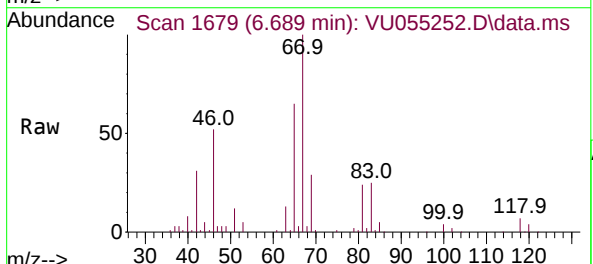
RT: 6.689 min Scan# 1679

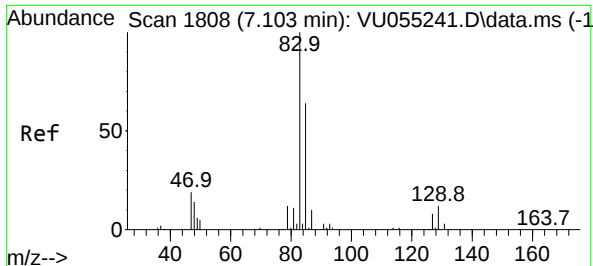
Delta R.T. -0.100 min

Lab File: VU055252.D

Acq: 12 Sep 2023 16:52

Tgt Ion: 63	Resp: 8201
Ion Ratio	Lower Upper
63	100
112	0.0 3.2 4.8#

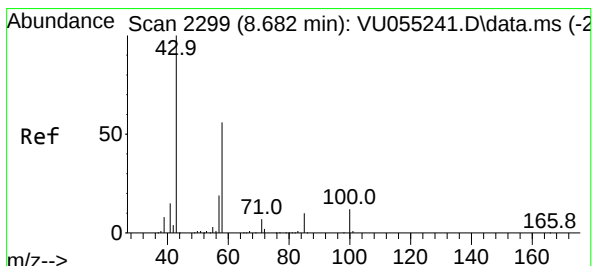
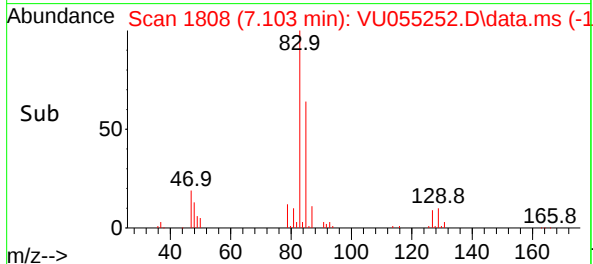
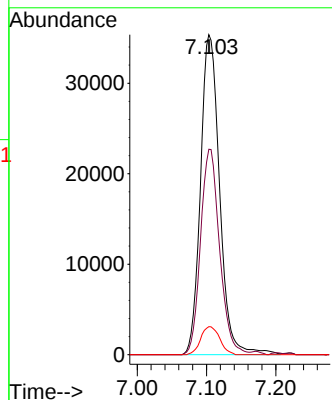
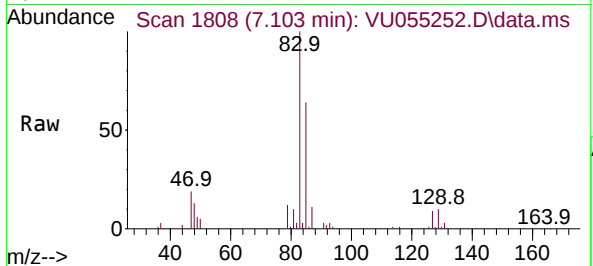




#38
Bromodichloromethane
Concen: 5.009 ug/L
RT: 7.103 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VU055252.D
Acq: 12 Sep 2023 16:52

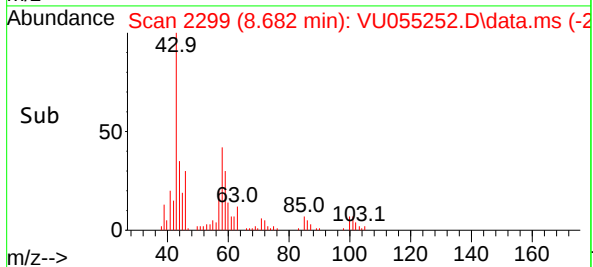
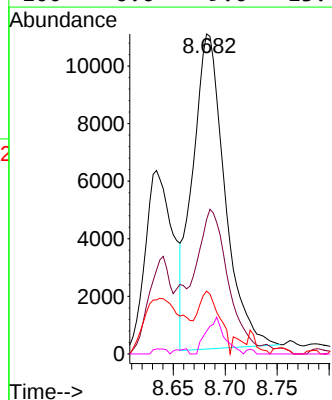
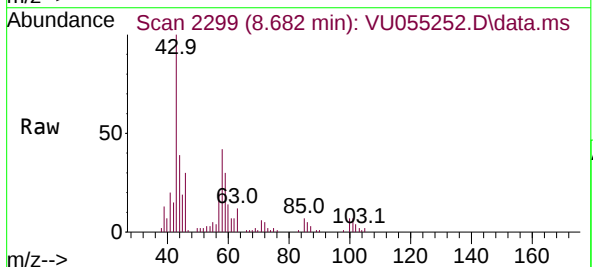
Instrument :
MSVOA_U
ClientSampleId :

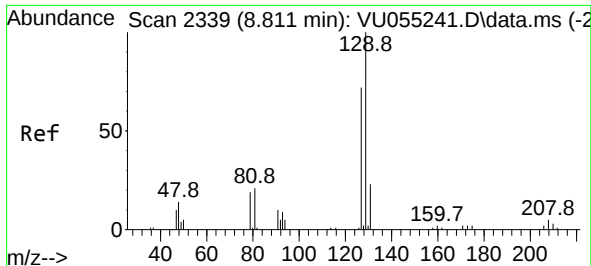
Tgt Ion: 83 Resp: 67745
Ion Ratio Lower Upper
83 100
85 64.2 44.9 83.5
127 8.7 7.8 11.8



#48
2-Hexanone
Concen: 4.639 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VU055252.D
Acq: 12 Sep 2023 16:52

Tgt Ion: 43 Resp: 23478
Ion Ratio Lower Upper
43 100
58 41.7 44.0 66.0#
57 12.9 16.2 24.2#
100 6.6 9.0 13.4#





#49

Dibromochloromethane

Concen: 2.369 ug/L

RT: 8.807 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU055252.D

Acq: 12 Sep 2023 16:52

Instrument :

MSVOA_U

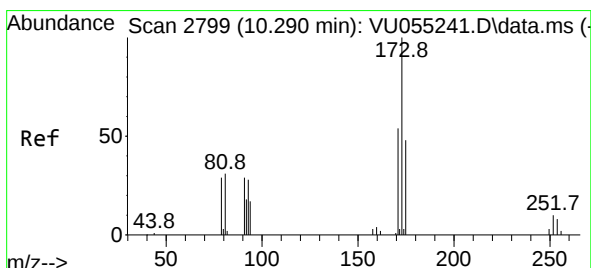
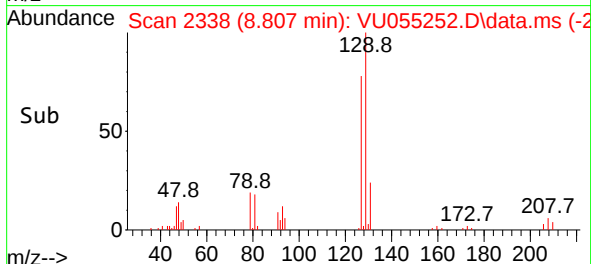
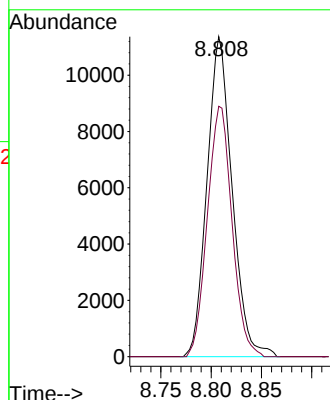
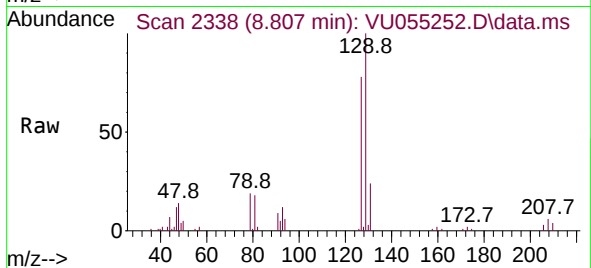
ClientSampleId :

Tgt Ion:129 Resp: 19731

Ion Ratio Lower Upper

129 100

127 78.2 55.9 103.7



#59

Bromoform

Concen: 0.357 ug/L

RT: 10.296 min Scan# 2801

Delta R.T. 0.006 min

Lab File: VU055252.D

Acq: 12 Sep 2023 16:52

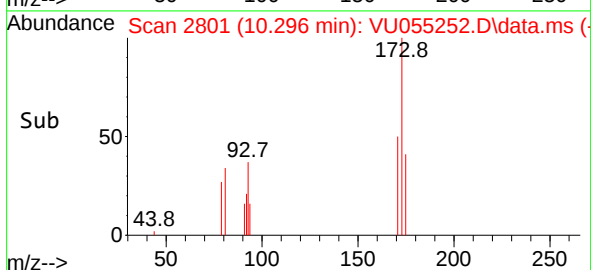
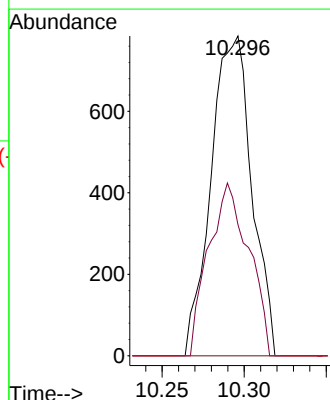
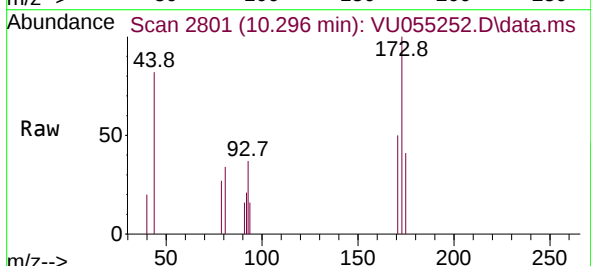
Tgt Ion:173 Resp: 1354

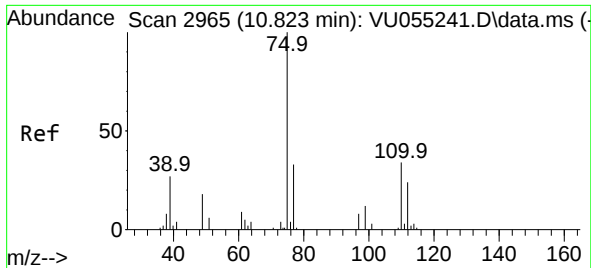
Ion Ratio Lower Upper

173 100

175 53.2 40.9 61.3

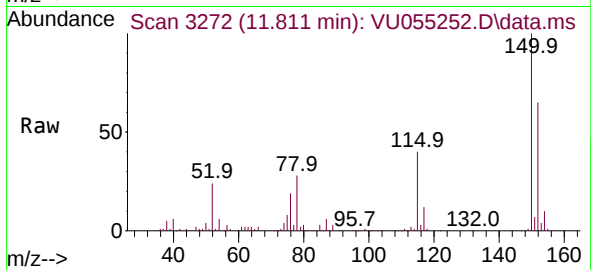
254 0.0 7.0 10.4#





#61
 1,2,3-Trichloropropane
 Concen: 1.898 ug/L
 RT: 11.811 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU055252.D
 Acq: 12 Sep 2023 16:52

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 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 11947
 Ion Ratio Lower Upper
 75 100
 110 1.1 28.2 42.2#
 77 38.0 26.2 39.4

