

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091923\
 Data File : VU055402.D
 Acq On : 19 Sep 2023 20:01
 Operator : MD/SY
 Sample : 04380-17DL 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 20 06:09:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 20 06:06:30 2023
 Response via : Initial Calibration

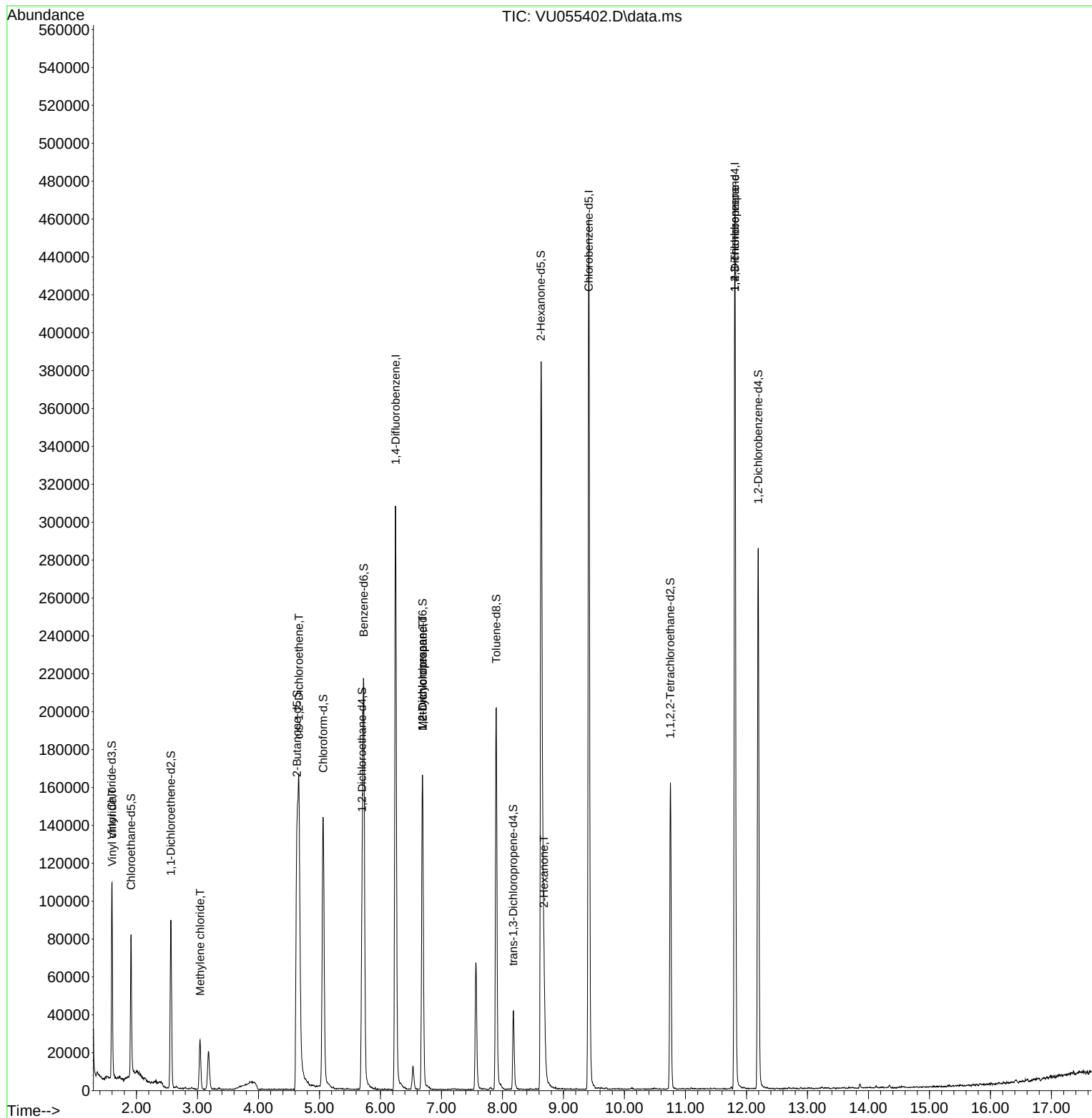
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	250360	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	259166	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	125075	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	46529	1.839	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	36.800%#	
7) Chloroethane-d5	1.911	69	52316	2.346	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	47.000%#	
11) 1,1-Dichloroethene-d2	2.563	65	16495	1.584	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	31.600%#	
20) 2-Butanone-d5	4.631	46	234412	51.289	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	102.580%	
24) Chloroform-d	5.059	84	134263	2.934	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	58.600%#	
26) 1,2-Dichloroethane-d4	5.698	65	74979	3.406	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	68.200%#	
32) Benzene-d6	5.724	84	203578	2.246	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	45.000%#	
36) 1,2-Dichloropropane-d6	6.689	67	82895	3.061	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	61.200%	
41) Toluene-d8	7.898	98	139910	1.693	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	33.800%#	
43) trans-1,3-Dichloroprop...	8.177	79	25099	2.641	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	52.800%#	
46) 2-Hexanone-d5	8.631	63	121648	42.076	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	84.160%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	80401	3.961	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	79.200%	
66) 1,2-Dichlorobenzene-d4	12.193	152	77183	3.057	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	61.200%#	
Target Compounds						
5) Vinyl chloride	1.602	62	33060	1.429	ug/L	99
16) Methylene chloride	3.043	84	12686	0.605	ug/L	95
22) cis-1,2-Dichloroethene	4.663	96	58540	2.862	ug/L	97
35) Methylcyclohexane	6.689	83	19721	0.649	ug/L #	20
37) 1,2-Dichloropropane	6.689	63	8844	0.453	ug/L #	89
48) 2-Hexanone	8.682	43	34438	5.021	ug/L #	81
61) 1,2,3-Trichloropropane	11.811	75	15777	1.616	ug/L #	68

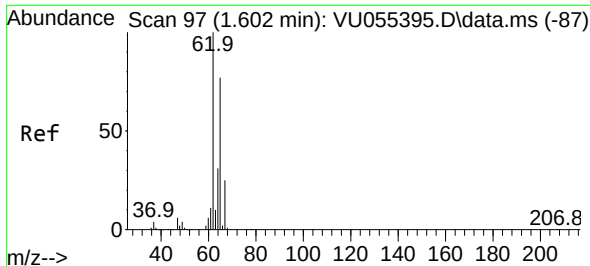
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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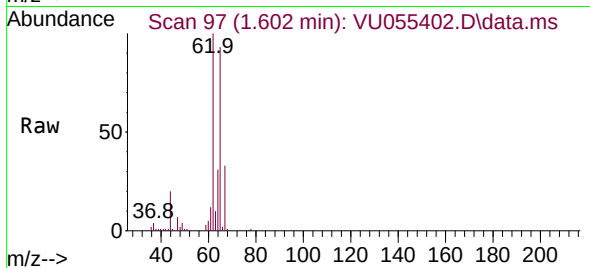
Quant Time: Sep 20 06:09:01 2023
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Quant Title : TRACE VOA SFAM1.0
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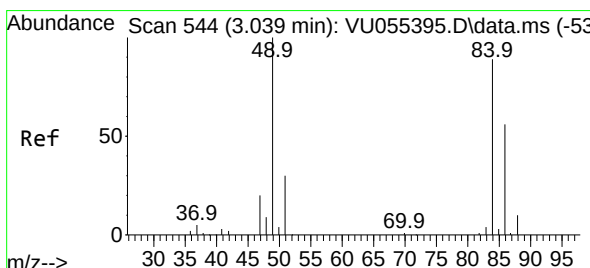
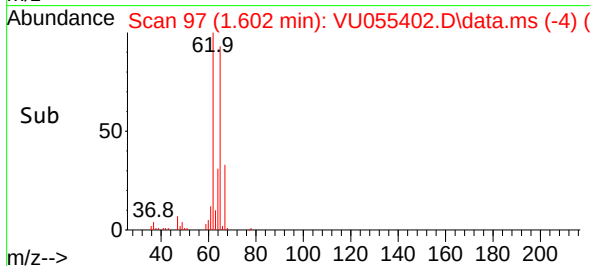
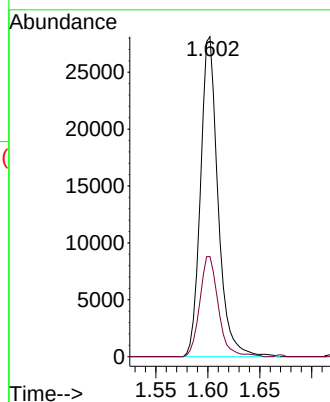


#5
 Vinyl chloride
 Concen: 1.429 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU055402.D
 Acq: 19 Sep 2023 20:01

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 MSVOA_U
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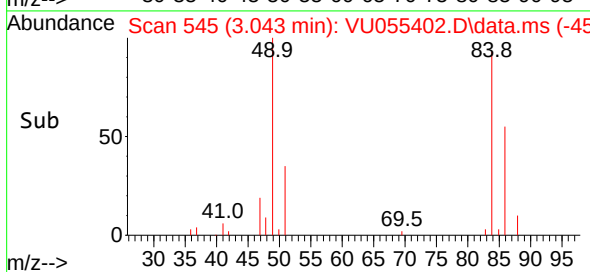
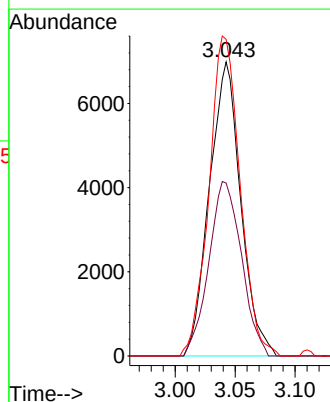
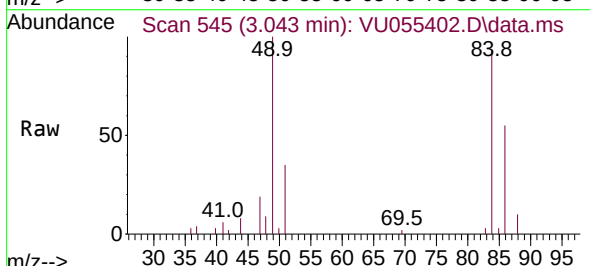


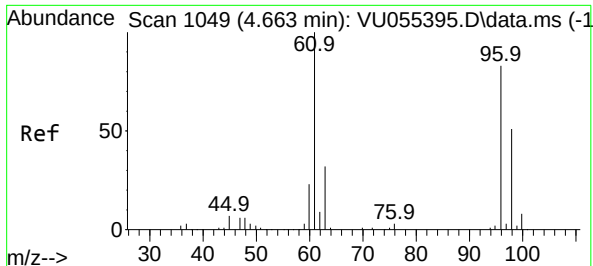
Tgt Ion: 62 Resp: 33060
 Ion Ratio Lower Upper
 62 100
 64 31.3 22.3 41.5



#16
 Methylene chloride
 Concen: 0.605 ug/L
 RT: 3.043 min Scan# 545
 Delta R.T. 0.003 min
 Lab File: VU055402.D
 Acq: 19 Sep 2023 20:01

Tgt Ion: 84 Resp: 12686
 Ion Ratio Lower Upper
 84 100
 86 58.8 44.9 83.3
 49 107.7 78.8 146.3





#22

cis-1,2-Dichloroethene

Concen: 2.862 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. -0.000 min

Lab File: VU055402.D

Acq: 19 Sep 2023 20:01

Instrument :

MSVOA_U

ClientSampleId :

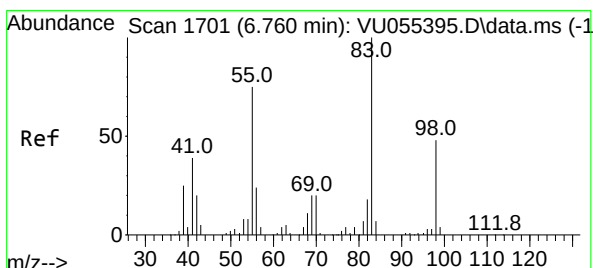
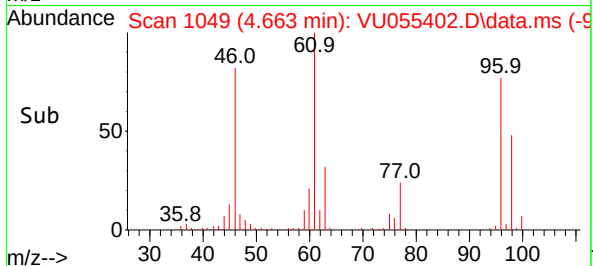
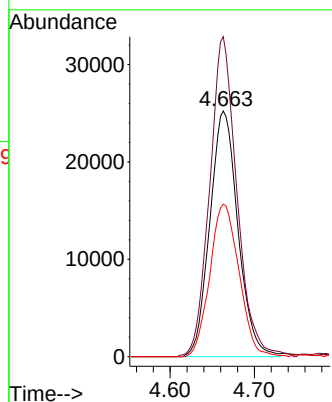
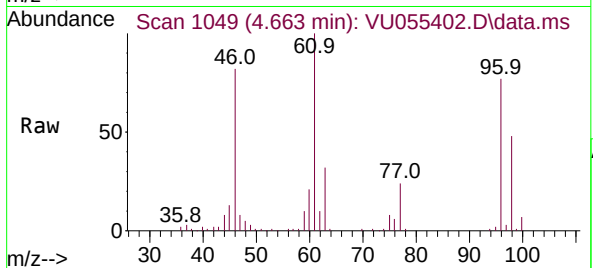
Tgt Ion: 96 Resp: 58540

Ion Ratio Lower Upper

96 100

61 130.2 87.8 163.2

98 62.0 44.4 82.4



#35

Methylcyclohexane

Concen: 0.649 ug/L

RT: 6.689 min Scan# 1679

Delta R.T. -0.071 min

Lab File: VU055402.D

Acq: 19 Sep 2023 20:01

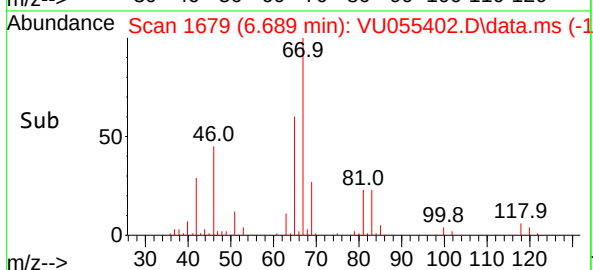
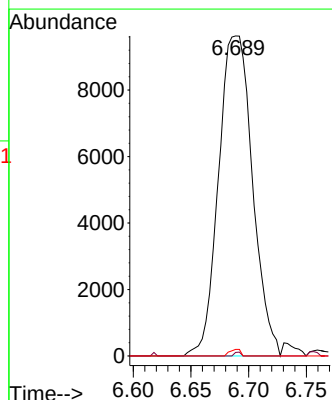
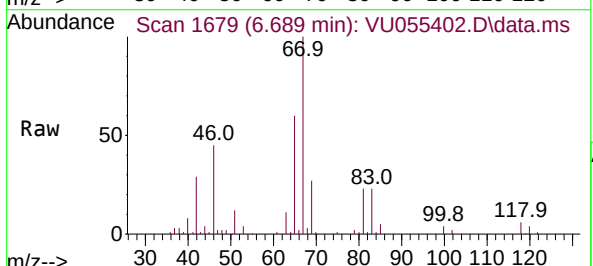
Tgt Ion: 83 Resp: 19721

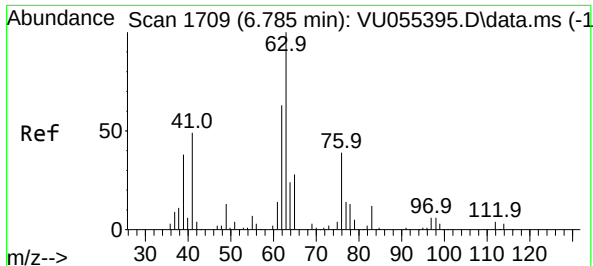
Ion Ratio Lower Upper

83 100

55 0.2 59.1 88.7#

98 0.6 36.3 54.5#

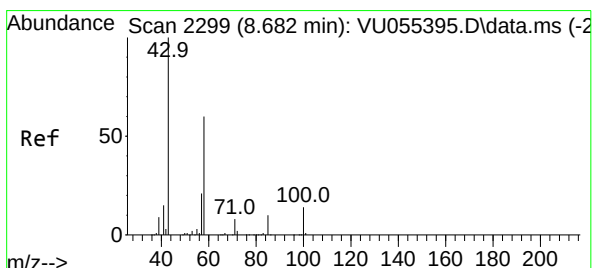
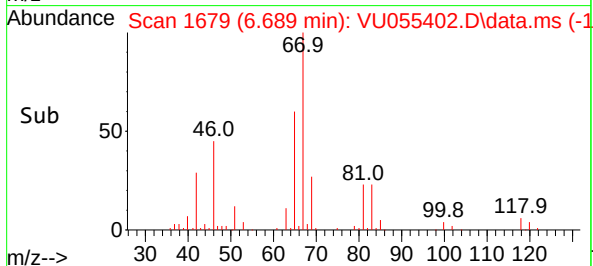
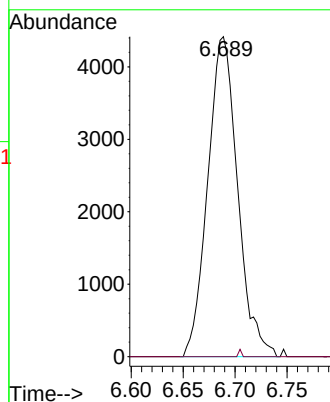
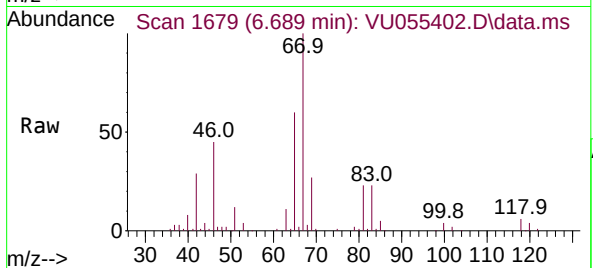




#37
1,2-Dichloropropane
Concen: 0.453 ug/L
RT: 6.689 min Scan# 1
Delta R.T. -0.097 min
Lab File: VU055402.D
Acq: 19 Sep 2023 20:01

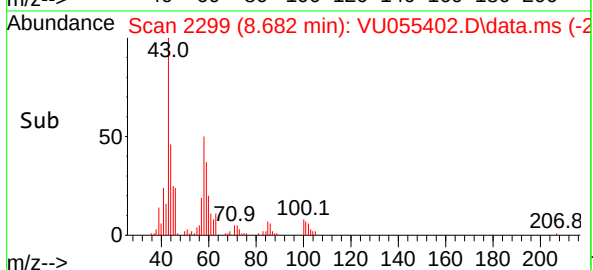
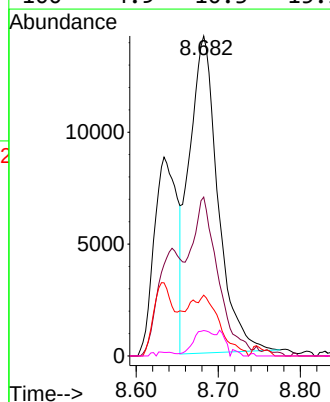
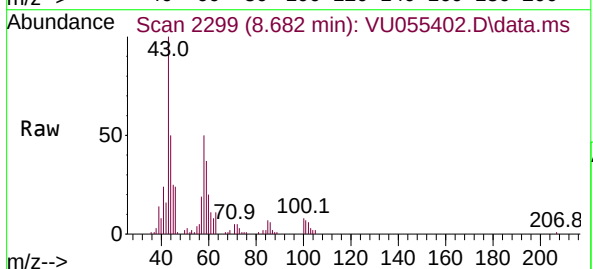
Instrument :
MSVOA_U
ClientSampleId :

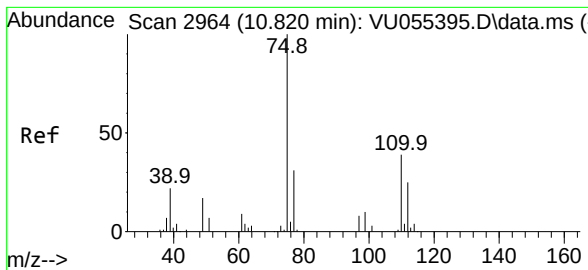
Tgt Ion: 63 Resp: 8844
Ion Ratio Lower Upper
63 100
112 0.2 3.0 4.6#



#48
2-Hexanone
Concen: 5.021 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. -0.000 min
Lab File: VU055402.D
Acq: 19 Sep 2023 20:01

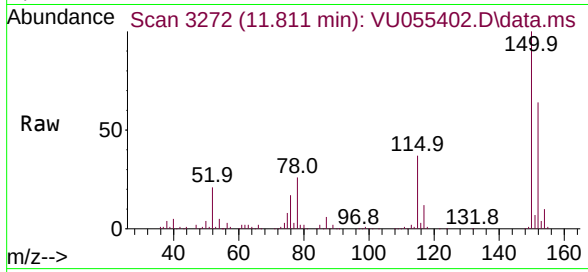
Tgt Ion: 43 Resp: 34438
Ion Ratio Lower Upper
43 100
58 46.4 48.5 72.7#
57 13.0 17.0 25.4#
100 4.9 10.3 15.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.616 ug/L
 RT: 11.811 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU055402.D
 Acq: 19 Sep 2023 20:01

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 15777
 Ion Ratio Lower Upper
 75 100
 110 2.9 30.6 45.8#
 77 33.0 26.7 40.1

