

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU083123\
 Data File : VU055032.D
 Acq On : 31 Aug 2023 19:42
 Operator : MD/SY
 Sample : 04153-06 1000X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 01 05:04:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 01 04:57:47 2023
 Response via : Initial Calibration

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

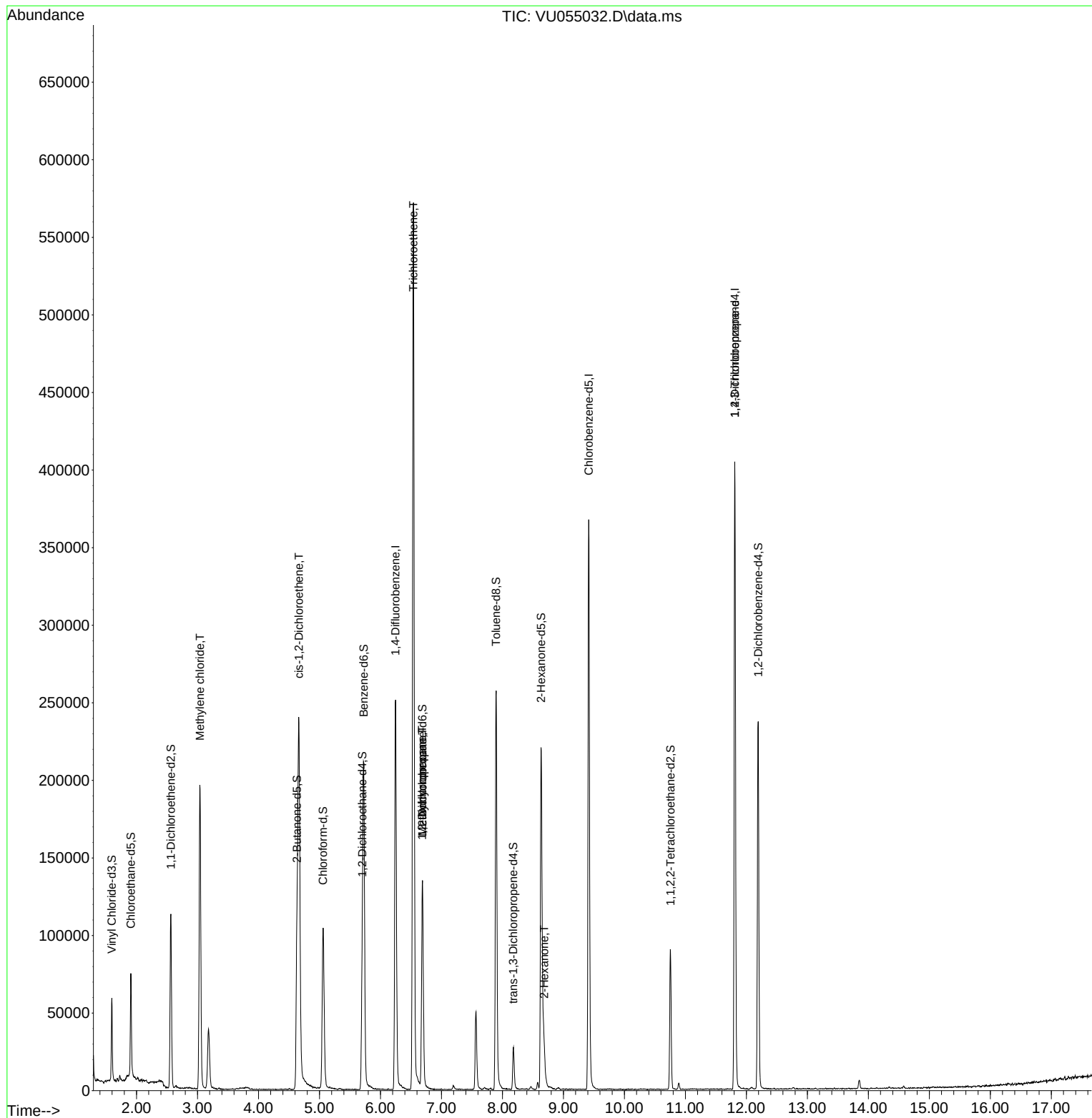
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	199414	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	201641	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	100646	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	36544	5.806	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	116.200%	
7) Chloroethane-d5	1.907	69	44317	5.450	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	109.000%	
11) 1,1-Dichloroethene-d2	2.563	65	22343	6.281	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	125.600%#	
20) 2-Butanone-d5	4.631	46	121490	35.760	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	71.520%	
24) Chloroform-d	5.058	84	96967	4.153	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.000%	
26) 1,2-Dichloroethane-d4	5.701	65	51309	4.130	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.600%	
32) Benzene-d6	5.724	84	198667	4.383	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.600%	
36) 1,2-Dichloropropane-d6	6.689	67	64213	4.028	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	80.600%	
41) Toluene-d8	7.898	98	175590	4.045	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	81.000%	
43) trans-1,3-Dichloroprop...	8.177	79	15762	3.004	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	60.000%	
46) 2-Hexanone-d5	8.634	63	72892	29.274	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	58.540%	
56) 1,1,2,2-Tetrachloroeth...	10.756	84	43381	3.173	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	63.400%#	
66) 1,2-Dichlorobenzene-d4	12.193	152	60944	3.792	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	75.800%#	
Target Compounds						
						Qvalue
16) Methylene chloride	3.039	84	90712	6.558	ug/L	99
22) cis-1,2-Dichloroethene	4.663	96	99945	8.519	ug/L	98
34) Trichloroethene	6.541	95	191839	14.552	ug/L	95
35) Methylcyclohexane	6.689	83	14408	0.739	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	7061	0.532	ug/L #	90
48) 2-Hexanone	8.685	43	13119	2.396	ug/L #	88
61) 1,2,3-Trichloropropane	11.811	75	14086	1.880	ug/L #	65

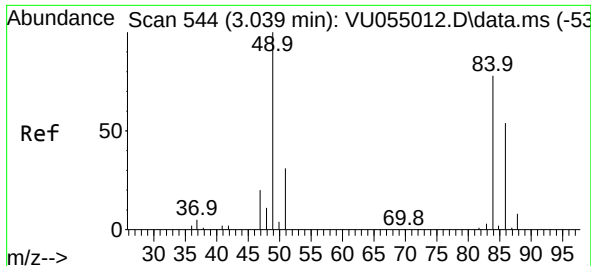
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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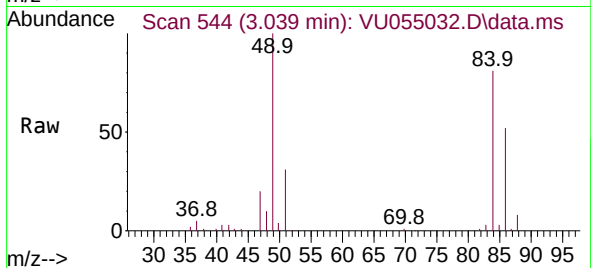
Quant Time: Sep 01 05:04:02 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
Quant Title : TRACE VOA SFAM1.0
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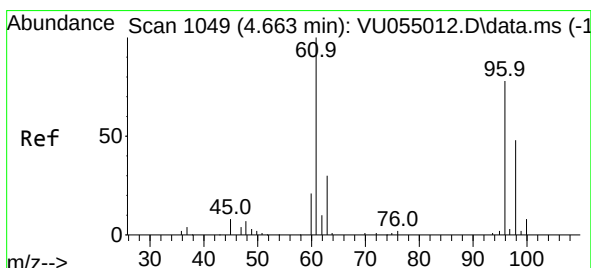
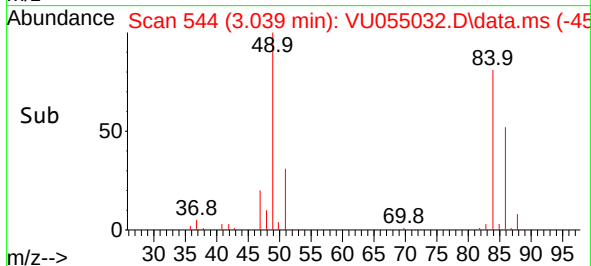
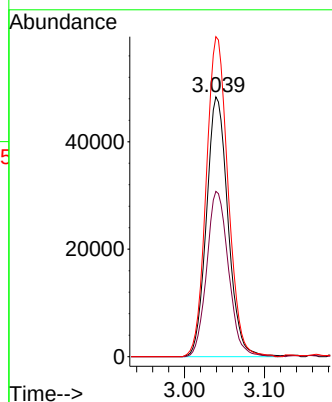


#16
Methylene chloride
Concen: 6.558 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU055032.D
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MSVOA_U
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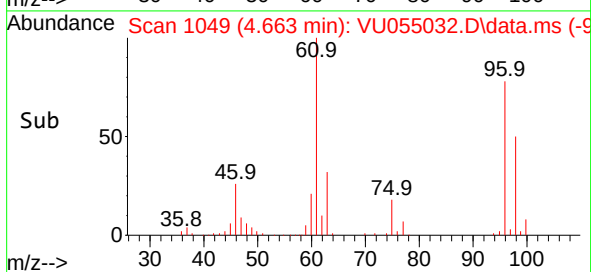
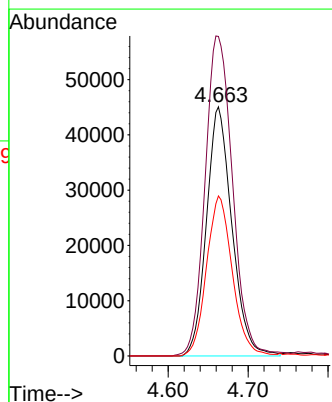
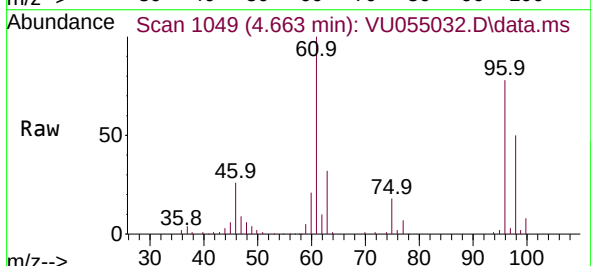


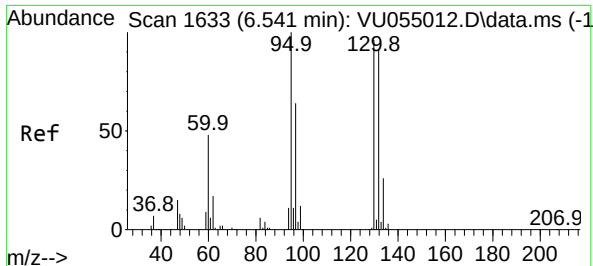
Tgt Ion: 84 Resp: 90712
Ion Ratio Lower Upper
84 100
86 63.6 45.1 83.7
49 128.6 89.5 166.3



#22
cis-1,2-Dichloroethene
Concen: 8.519 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VU055032.D
Acq: 31 Aug 2023 19:42

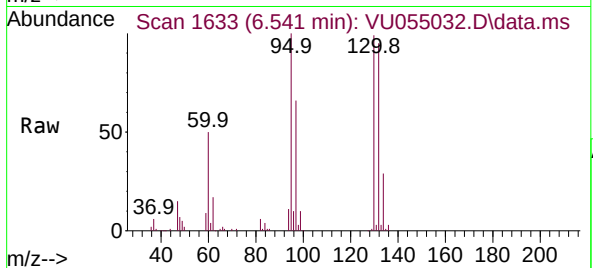
Tgt Ion: 96 Resp: 99945
Ion Ratio Lower Upper
96 100
61 128.3 88.4 164.2
98 64.2 44.0 81.6



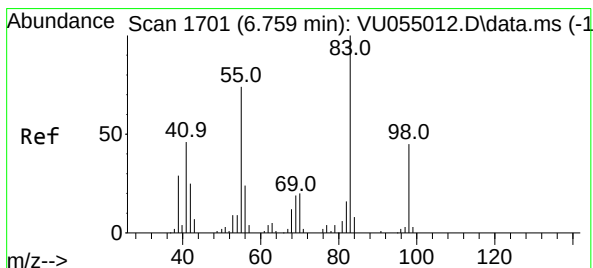
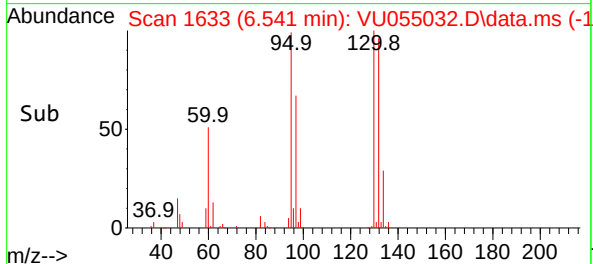
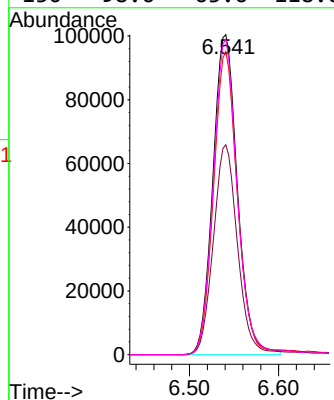


#34
Trichloroethene
Concen: 14.552 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.000 min
Lab File: VU055032.D
Acq: 31 Aug 2023 19:42

Instrument :
MSVOA_U
ClientSampleId :

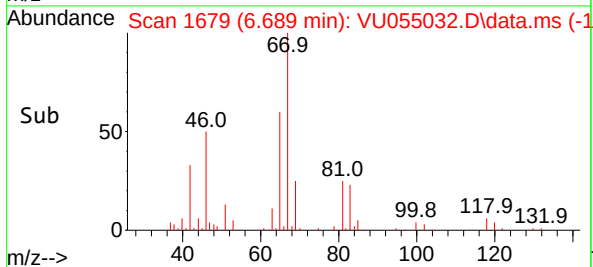
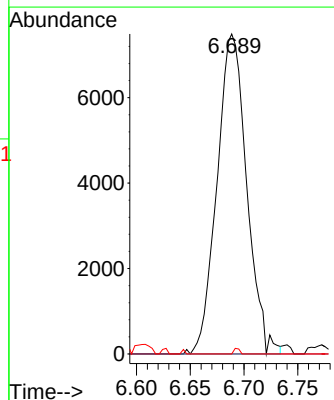
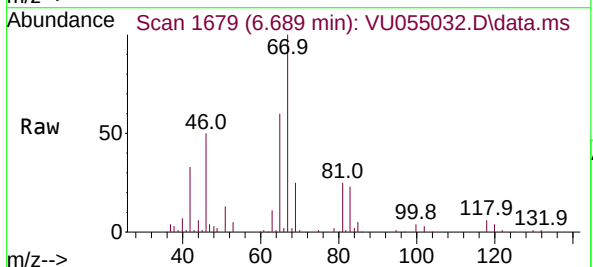


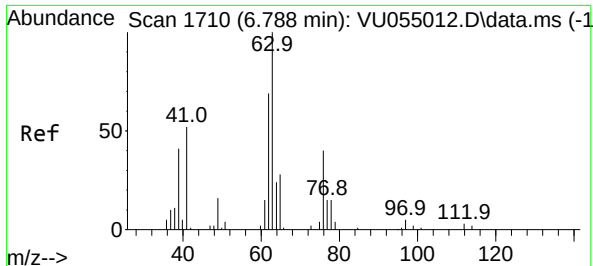
Tgt Ion: 95 Resp: 191839
Ion Ratio Lower Upper
95 100
97 65.6 44.1 81.9
132 94.7 63.6 118.2
130 98.6 63.6 118.0



#35
Methylcyclohexane
Concen: 0.739 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU055032.D
Acq: 31 Aug 2023 19:42

Tgt Ion: 83 Resp: 14408
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 0.0 37.8 56.6#

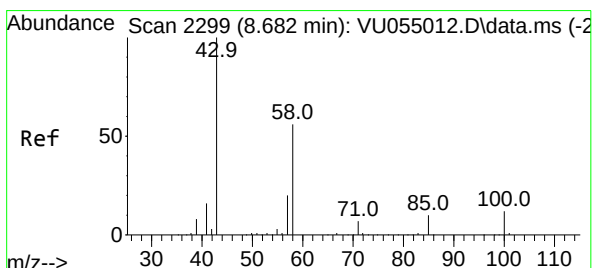
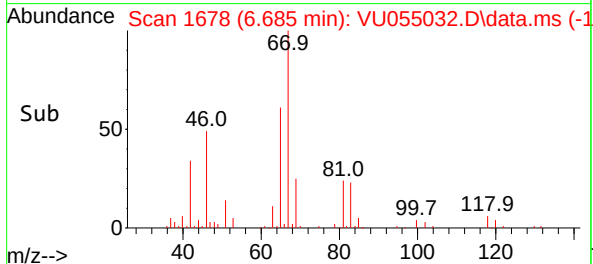
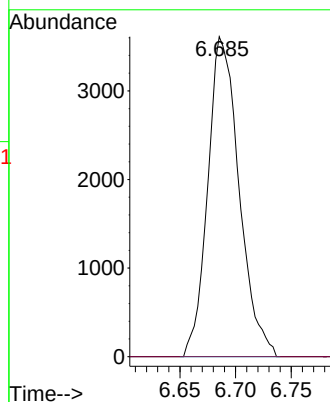
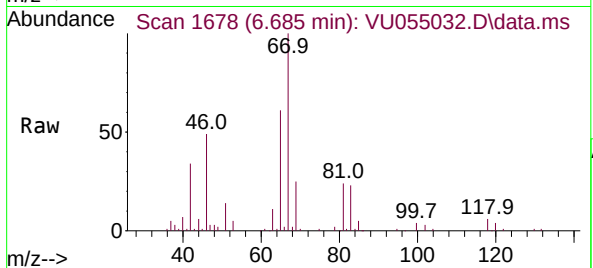




#37
1,2-Dichloropropane
Concen: 0.532 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU055032.D
Acq: 31 Aug 2023 19:42

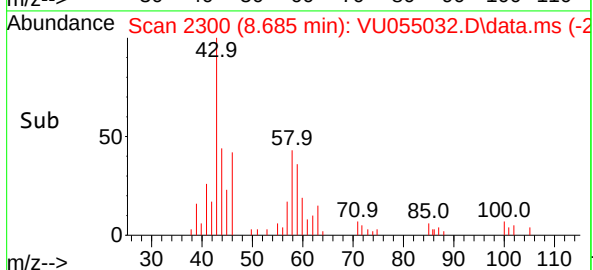
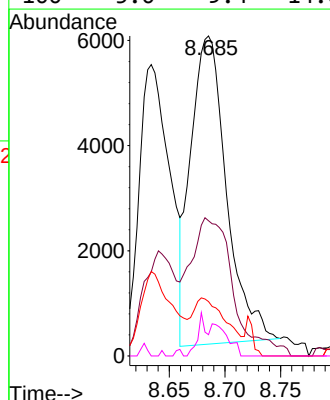
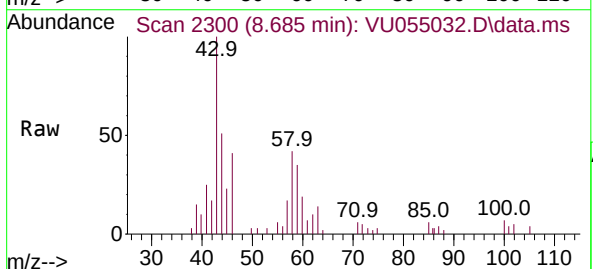
Instrument :
MSVOA_U
ClientSampleId :

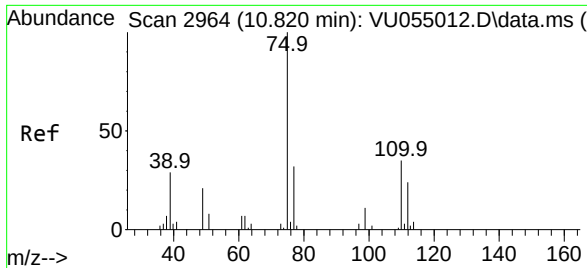
Tgt Ion: 63 Resp: 7061
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#



#48
2-Hexanone
Concen: 2.396 ug/L
RT: 8.685 min Scan# 2300
Delta R.T. 0.003 min
Lab File: VU055032.D
Acq: 31 Aug 2023 19:42

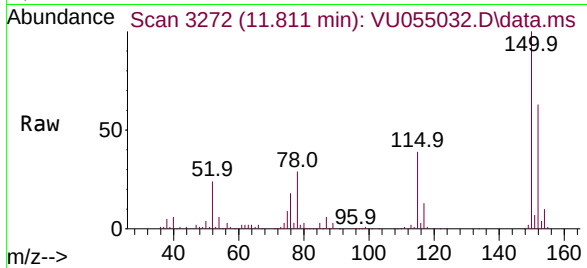
Tgt Ion: 43 Resp: 13119
Ion Ratio Lower Upper
43 100
58 54.1 44.0 66.0
57 2.9 15.9 23.9#
100 5.0 9.4 14.0#





#61
 1,2,3-Trichloropropane
 Concen: 1.880 ug/L
 RT: 11.811 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU055032.D
 Acq: 31 Aug 2023 19:42

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 14086
 Ion Ratio Lower Upper
 75 100
 110 2.8 29.0 43.6#
 77 38.9 26.5 39.7

