

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091423\
 Data File : VU055324.D
 Acq On : 14 Sep 2023 23:46
 Operator : MD/SY
 Sample : 04380-07 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 15 06:46:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 15 02:53:52 2023
 Response via : Initial Calibration

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

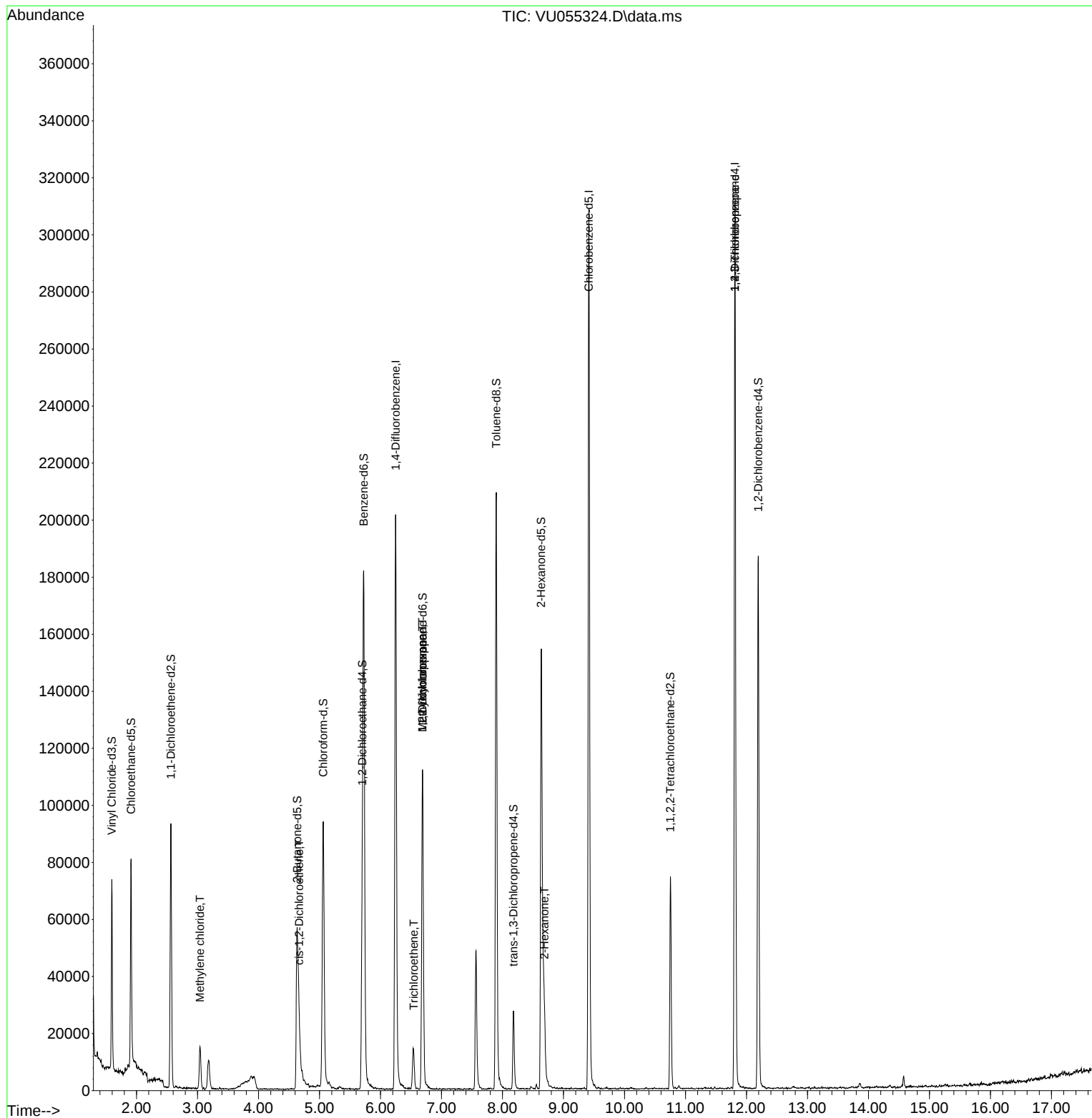
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	165963	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	172415	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	80811	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	47247	6.074	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	121.400%
7) Chloroethane-d5	1.911	69	49883	5.540	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.800%
11) 1,1-Dichloroethene-d2	2.563	65	18213	4.109	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.200%
20) 2-Butanone-d5	4.634	46	84768	37.554	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.100%
24) Chloroform-d	5.061	84	87158	4.223	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
26) 1,2-Dichloroethane-d4	5.701	65	45627	4.419	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
32) Benzene-d6	5.724	84	170094	3.997	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.000%
36) 1,2-Dichloropropane-d6	6.688	67	54856	4.053	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.000%
41) Toluene-d8	7.897	98	144595	3.688	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.800%
43) trans-1,3-Dichloroprop...	8.180	79	15972	4.285	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.600%
46) 2-Hexanone-d5	8.634	63	50061	33.079	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	66.160%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	36098	3.792	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	75.800%
66) 1,2-Dichlorobenzene-d4	12.193	152	48702	4.129	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.600%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.039	84	7973	0.680	ug/L	93
22) cis-1,2-Dichloroethene	4.666	96	1516	0.159	ug/L	95
34) Trichloroethene	6.547	95	3857	0.378	ug/L	99
35) Methylcyclohexane	6.685	83	12901	0.902	ug/L	# 20
37) 1,2-Dichloropropane	6.685	63	6092	0.610	ug/L	# 90
48) 2-Hexanone	8.688	43	16923	3.791	ug/L	# 84
61) 1,2,3-Trichloropropane	11.810	75	10213	1.904	ug/L	# 69

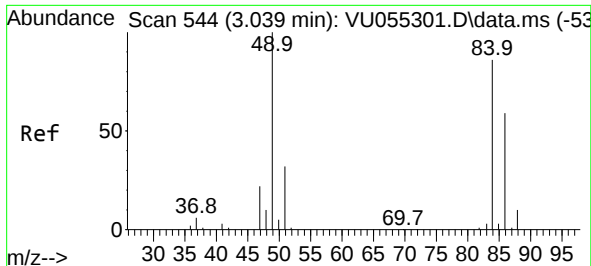
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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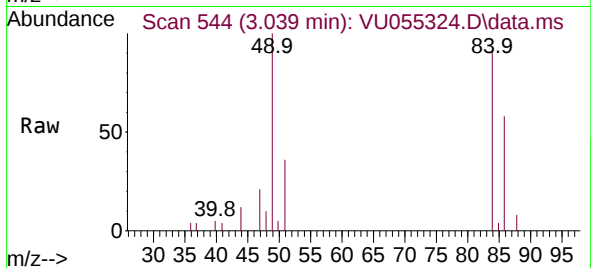
Quant Time: Sep 15 06:46:08 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
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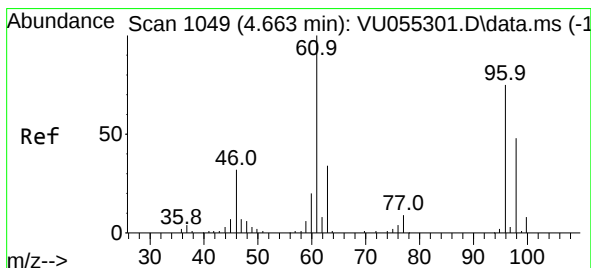
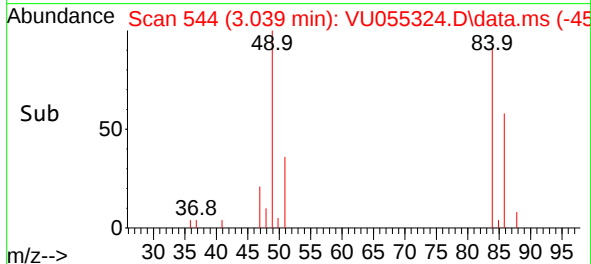
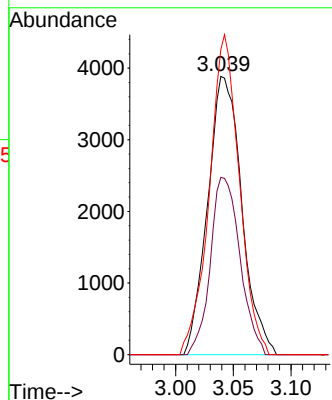
#16
Methylene chloride
Concen: 0.680 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU055324.D
Acq: 14 Sep 2023 23:46

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 84 Resp: 7973

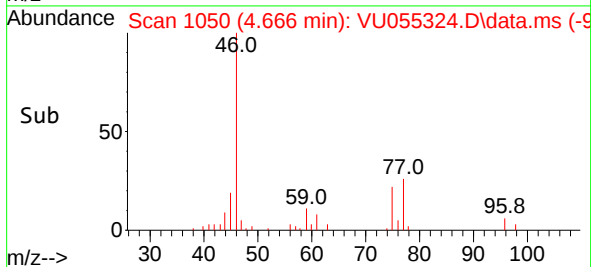
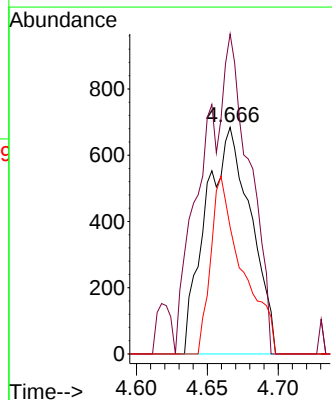
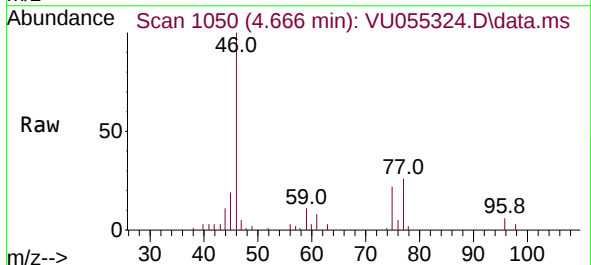
Ion	Ratio	Lower	Upper
84	100		
86	63.7	43.4	80.6
49	115.3	87.7	162.9

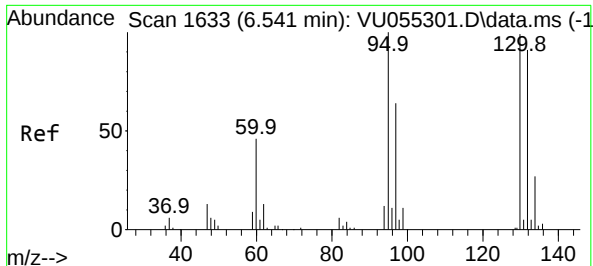


#22
cis-1,2-Dichloroethene
Concen: 0.159 ug/L
RT: 4.666 min Scan# 1050
Delta R.T. 0.003 min
Lab File: VU055324.D
Acq: 14 Sep 2023 23:46

Tgt Ion: 96 Resp: 1516

Ion	Ratio	Lower	Upper
96	100		
61	141.2	97.2	180.4
98	56.0	46.1	85.7



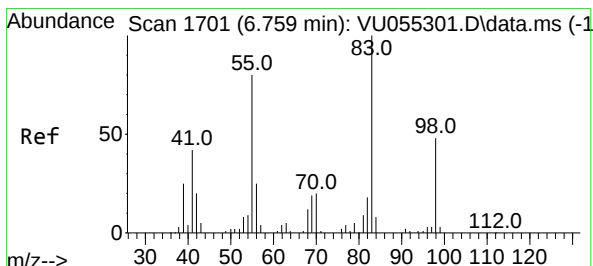
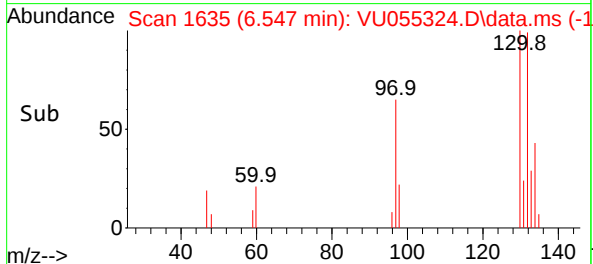
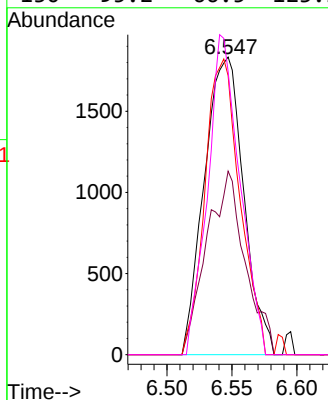
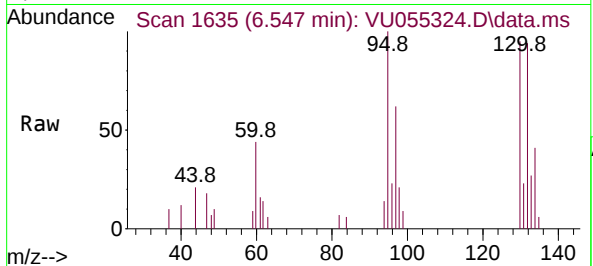


#34
Trichloroethene
Concen: 0.378 ug/L
RT: 6.547 min Scan# 1633
Delta R.T. 0.006 min
Lab File: VU055324.D
Acq: 14 Sep 2023 23:46

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 3857

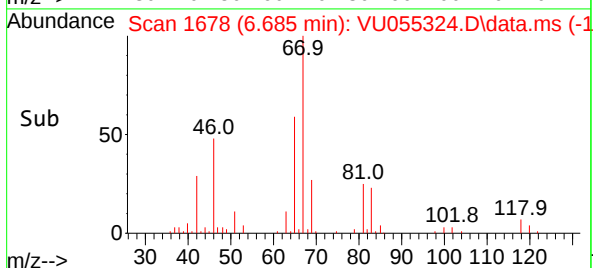
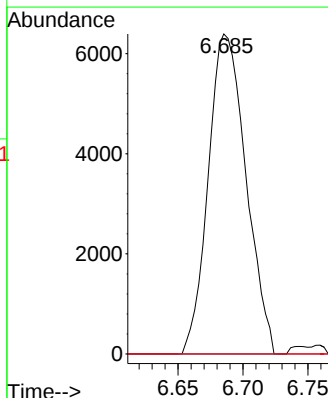
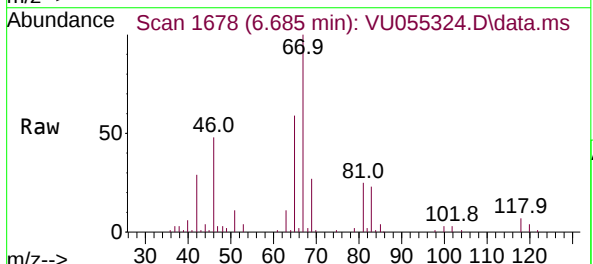
Ion	Ratio	Lower	Upper
95	100		
97	61.7	44.7	83.1
132	93.8	66.6	123.6
130	95.2	66.5	123.5

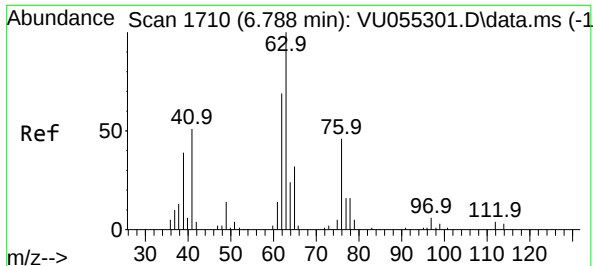


#35
Methylcyclohexane
Concen: 0.902 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU055324.D
Acq: 14 Sep 2023 23:46

Tgt Ion: 83 Resp: 12901

Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.4	90.6#
98	1.0	35.3	52.9#





#37

1,2-Dichloropropane

Concen: 0.610 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU055324.D

Acq: 14 Sep 2023 23:46

Instrument :

MSVOA_U

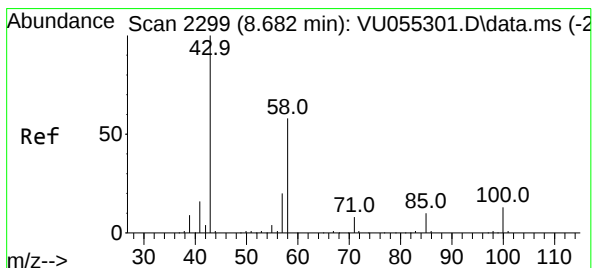
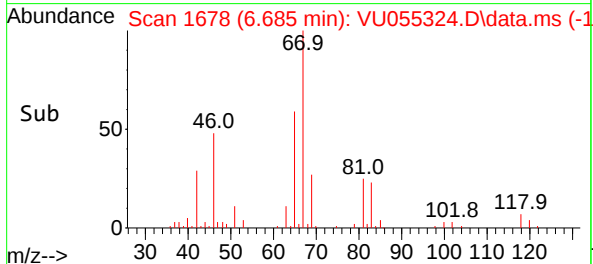
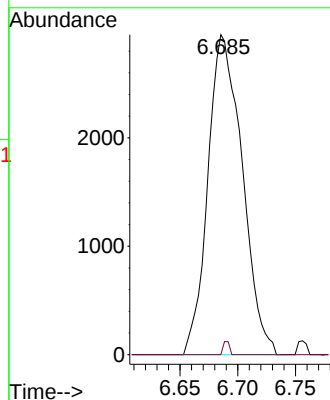
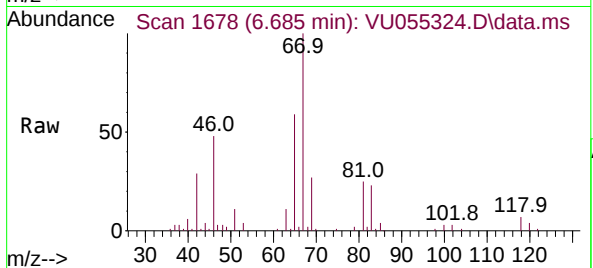
ClientSampleId :

Tgt Ion: 63 Resp: 6092

Ion Ratio Lower Upper

63 100

112 0.8 3.2 4.8#



#48

2-Hexanone

Concen: 3.791 ug/L

RT: 8.688 min Scan# 2301

Delta R.T. 0.006 min

Lab File: VU055324.D

Acq: 14 Sep 2023 23:46

Tgt Ion: 43 Resp: 16923

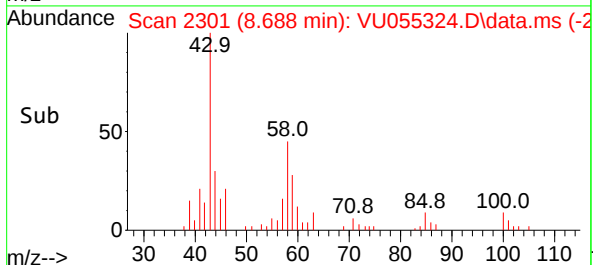
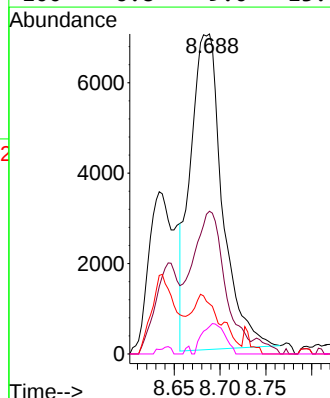
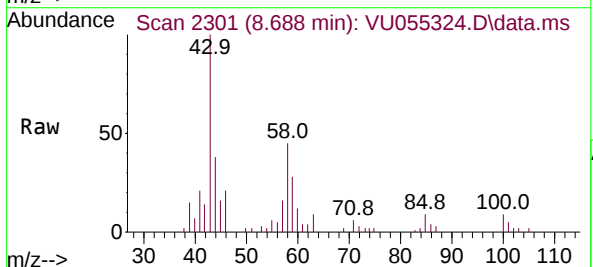
Ion Ratio Lower Upper

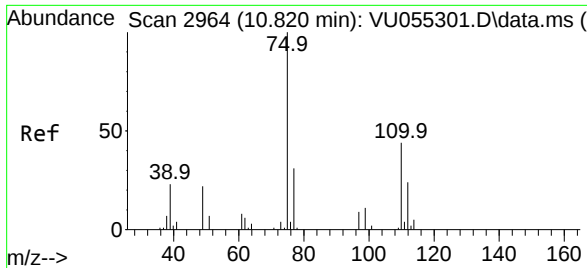
43 100

58 45.7 44.0 66.0

57 6.9 16.2 24.2#

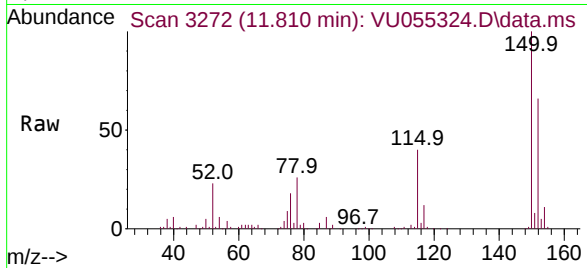
100 6.8 9.0 13.4#





#61
 1,2,3-Trichloropropane
 Concen: 1.904 ug/L
 RT: 11.810 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU055324.D
 Acq: 14 Sep 2023 23:46

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 10213
 Ion Ratio Lower Upper
 75 100
 110 2.3 28.2 42.2#
 77 34.9 26.2 39.4

