

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092123\
 Data File : VU055447.D
 Acq On : 21 Sep 2023 15:48
 Operator : MD/SY
 Sample : 04562-02DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 22 02:35:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 22 02:32:08 2023
 Response via : Initial Calibration

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

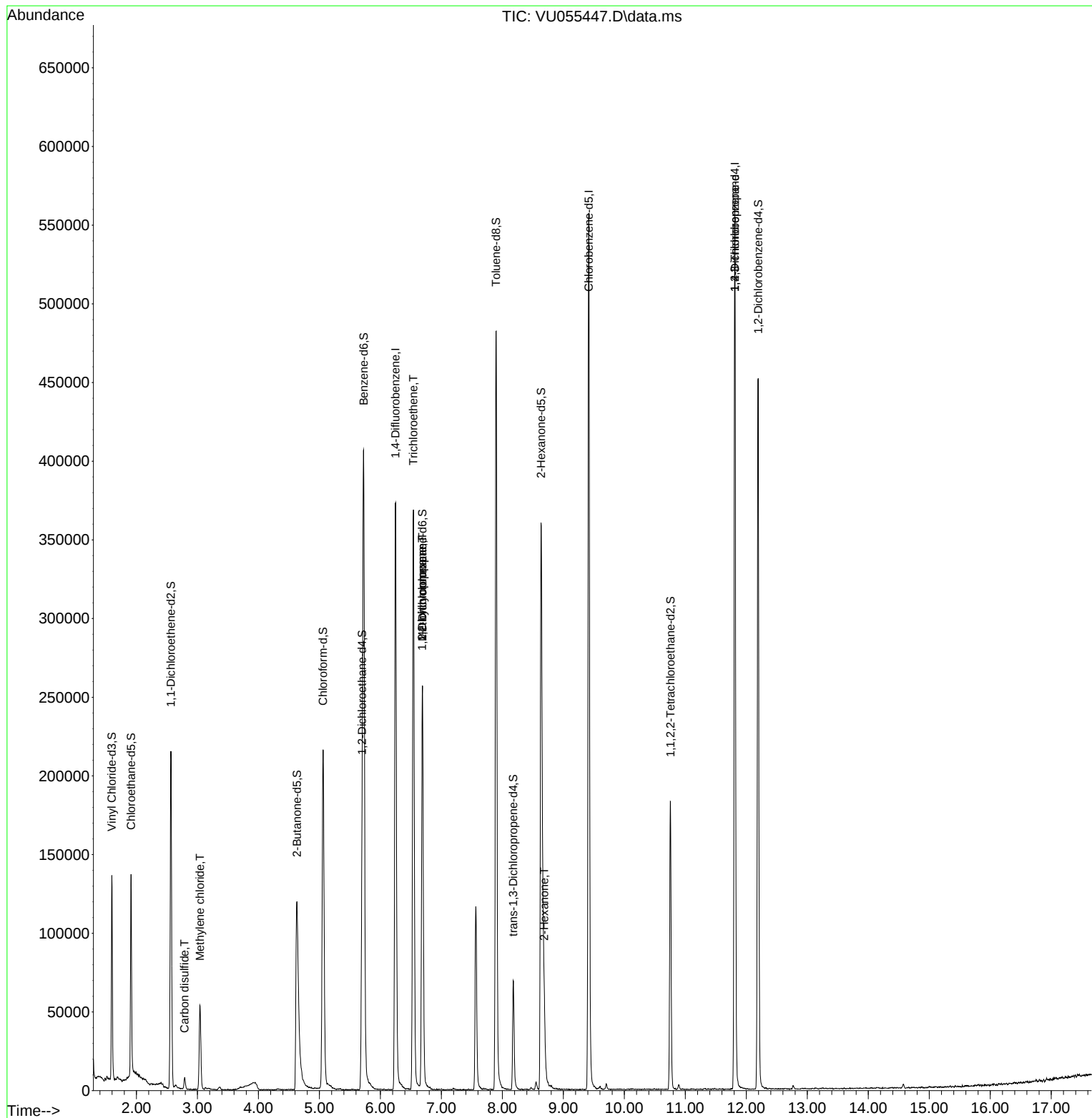
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	311112	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	319051	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	149462	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	92499	2.942	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.800%
7) Chloroethane-d5	1.911	69	88777	3.204	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	64.000%#
11) 1,1-Dichloroethene-d2	2.563	65	39515	3.053	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.000%
20) 2-Butanone-d5	4.631	46	212119	37.348	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.700%
24) Chloroform-d	5.059	84	200270	3.521	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	70.400%
26) 1,2-Dichloroethane-d4	5.698	65	104953	3.836	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.800%
32) Benzene-d6	5.724	84	390102	3.496	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	70.000%
36) 1,2-Dichloropropane-d6	6.689	67	126403	3.791	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	75.800%
41) Toluene-d8	7.898	98	338922	3.332	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.600%#
43) trans-1,3-Dichloroprop...	8.177	79	40608	3.470	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.400%
46) 2-Hexanone-d5	8.634	63	114225	32.093	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	64.180%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	90819	3.634	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	72.600%
66) 1,2-Dichlorobenzene-d4	12.193	152	121267	4.020	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.400%
Target Compounds						
					Qvalue	
14) Carbon disulfide	2.789	76	9066	0.139	ug/L	98
16) Methylene chloride	3.039	84	26579	1.020	ug/L	99
34) Trichloroethene	6.541	95	126866	4.884	ug/L	98
35) Methylcyclohexane	6.689	83	29396	0.786	ug/L #	21
37) 1,2-Dichloropropane	6.685	63	13469	0.561	ug/L #	89
48) 2-Hexanone	8.685	43	33360	3.951	ug/L #	88
61) 1,2,3-Trichloropropane	11.811	75	18105	1.552	ug/L #	67

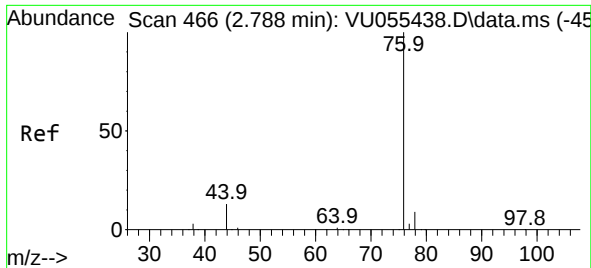
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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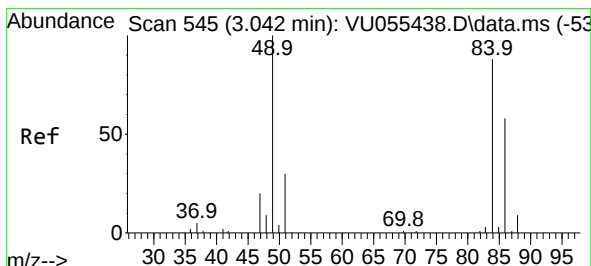
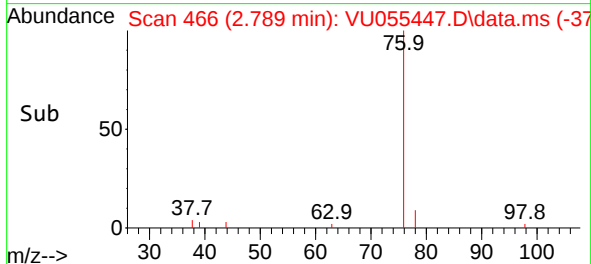
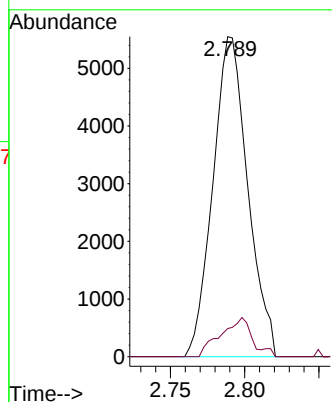
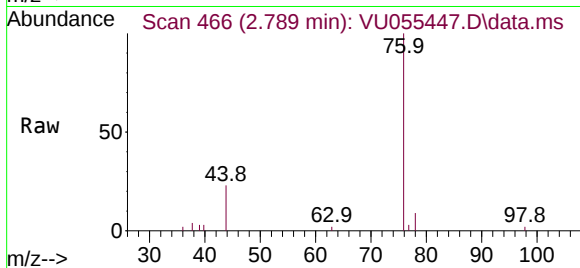




#14
Carbon disulfide
Concen: 0.139 ug/L
RT: 2.789 min Scan# 41
Delta R.T. 0.000 min
Lab File: VU055447.D
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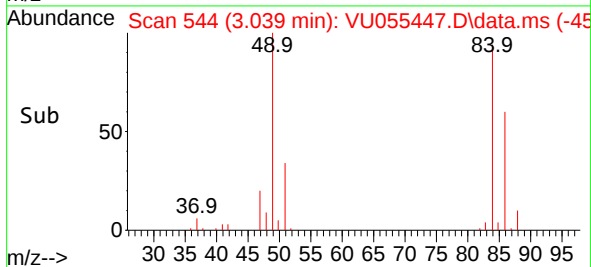
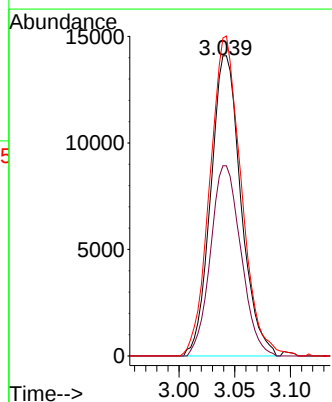
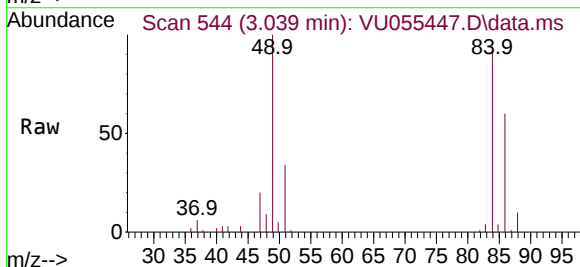
Instrument :
MSVOA_U
ClientSampleId :

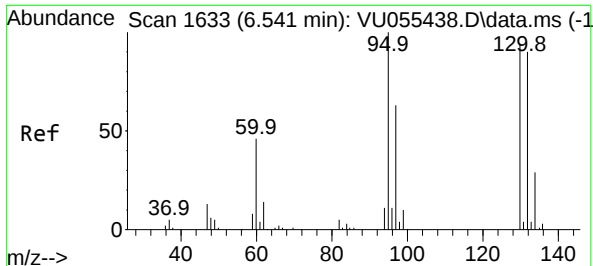
Tgt Ion: 76 Resp: 9066
Ion Ratio Lower Upper
76 100
78 8.8 7.7 11.5



#16
Methylene chloride
Concen: 1.020 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.003 min
Lab File: VU055447.D
Acq: 21 Sep 2023 15:48

Tgt Ion: 84 Resp: 26579
Ion Ratio Lower Upper
84 100
86 63.4 44.9 83.3
49 110.9 78.8 146.3

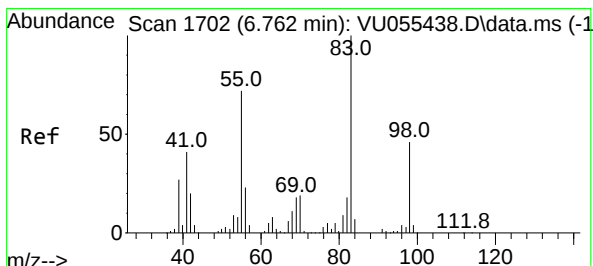
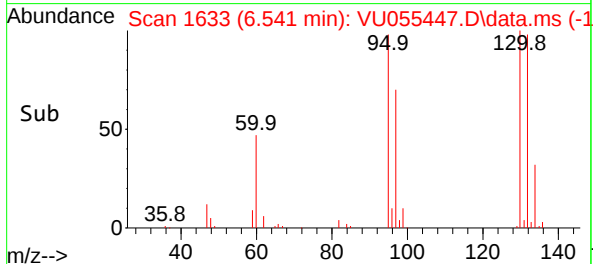
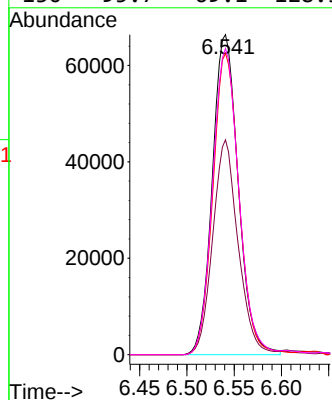
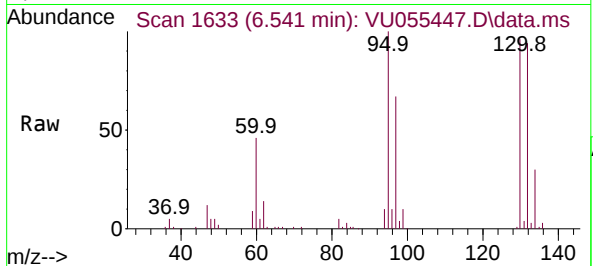




#34
Trichloroethene
Concen: 4.884 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.000 min
Lab File: VU055447.D
Acq: 21 Sep 2023 15:48

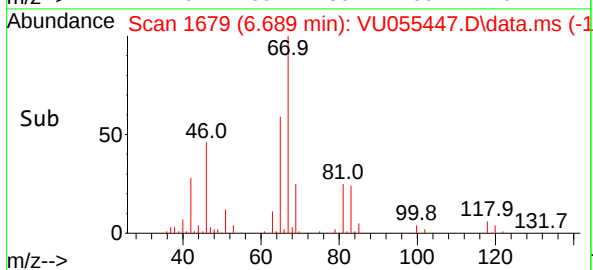
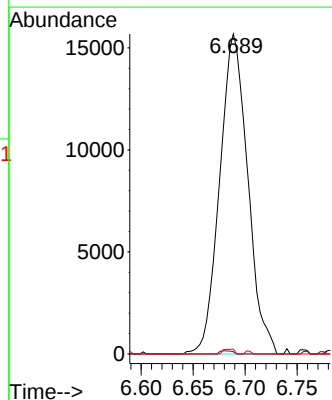
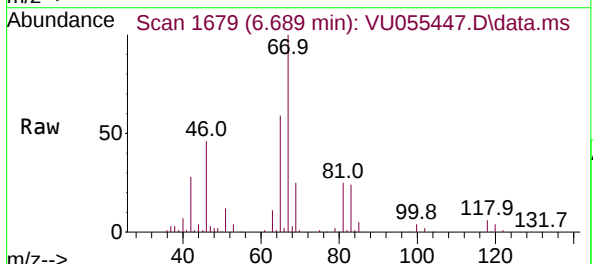
Instrument :
MSVOA_U
ClientSampleId :

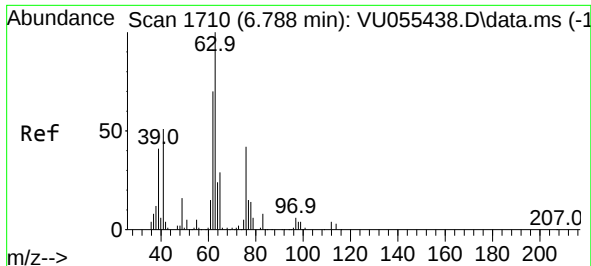
Tgt Ion: 95 Resp: 126866
Ion Ratio Lower Upper
95 100
97 67.2 45.4 84.2
132 94.1 65.2 121.2
130 95.7 69.1 128.3



#35
Methylcyclohexane
Concen: 0.786 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.074 min
Lab File: VU055447.D
Acq: 21 Sep 2023 15:48

Tgt Ion: 83 Resp: 29396
Ion Ratio Lower Upper
83 100
55 0.4 59.1 88.7#
98 1.5 36.3 54.5#

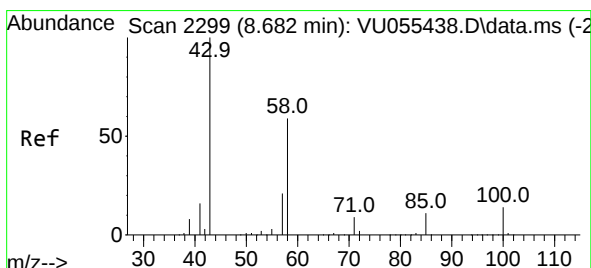
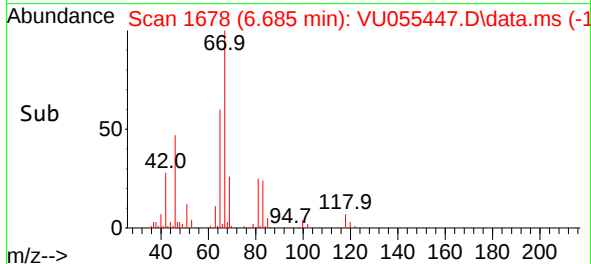
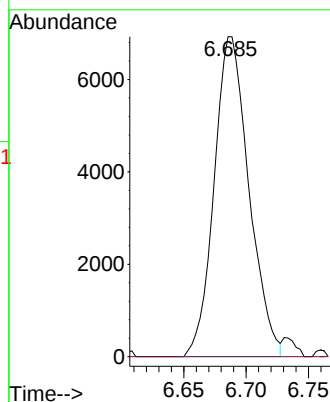
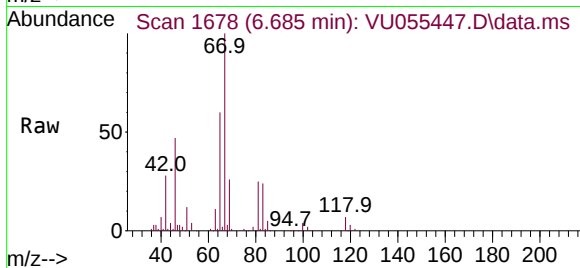




#37
1,2-Dichloropropane
Concen: 0.561 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU055447.D
Acq: 21 Sep 2023 15:48

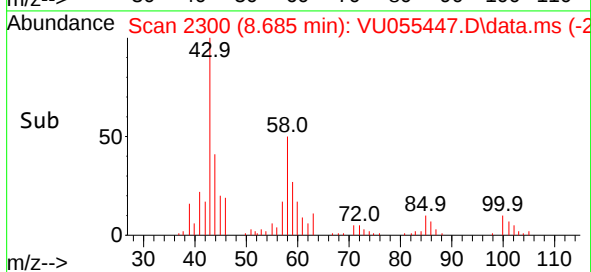
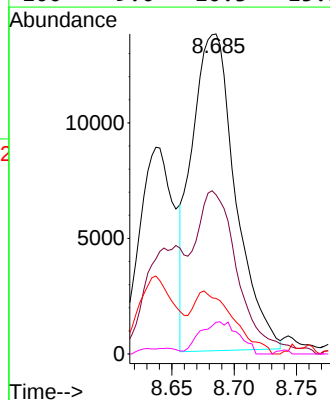
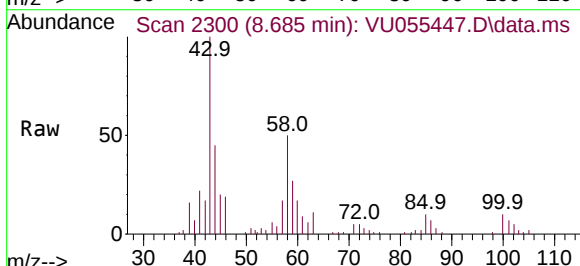
Instrument :
MSVOA_U
ClientSampleId :

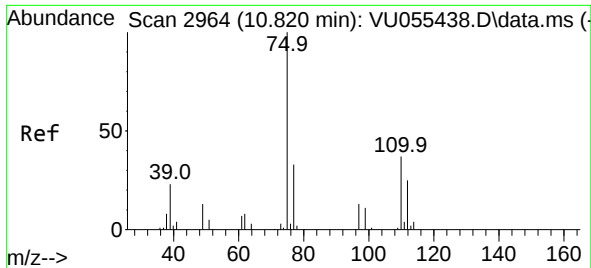
Tgt Ion: 63 Resp: 13469
Ion Ratio Lower Upper
63 100
112 0.3 3.0 4.6#



#48
2-Hexanone
Concen: 3.951 ug/L
RT: 8.685 min Scan# 2300
Delta R.T. 0.003 min
Lab File: VU055447.D
Acq: 21 Sep 2023 15:48

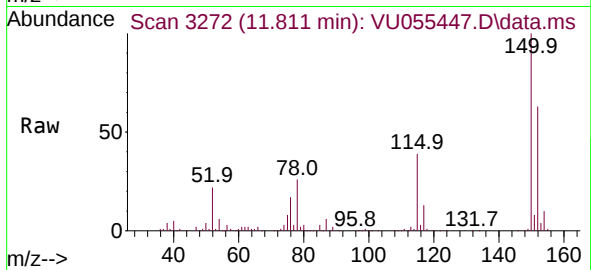
Tgt Ion: 43 Resp: 33360
Ion Ratio Lower Upper
43 100
58 49.5 48.5 72.7
57 18.1 17.0 25.4
100 9.0 10.3 15.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.552 ug/L
 RT: 11.811 min Scan# 31
 Delta R.T. 0.991 min
 Lab File: VU055447.D
 Acq: 21 Sep 2023 15:48

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 18105
 Ion Ratio Lower Upper
 75 100
 110 3.1 30.6 45.8#
 77 36.1 26.7 40.1

