

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091323\
 Data File : VU055284.D
 Acq On : 13 Sep 2023 15:03
 Operator : MD/SY
 Sample : 04307-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 14 05:05:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 14 05:00:29 2023
 Response via : Initial Calibration

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

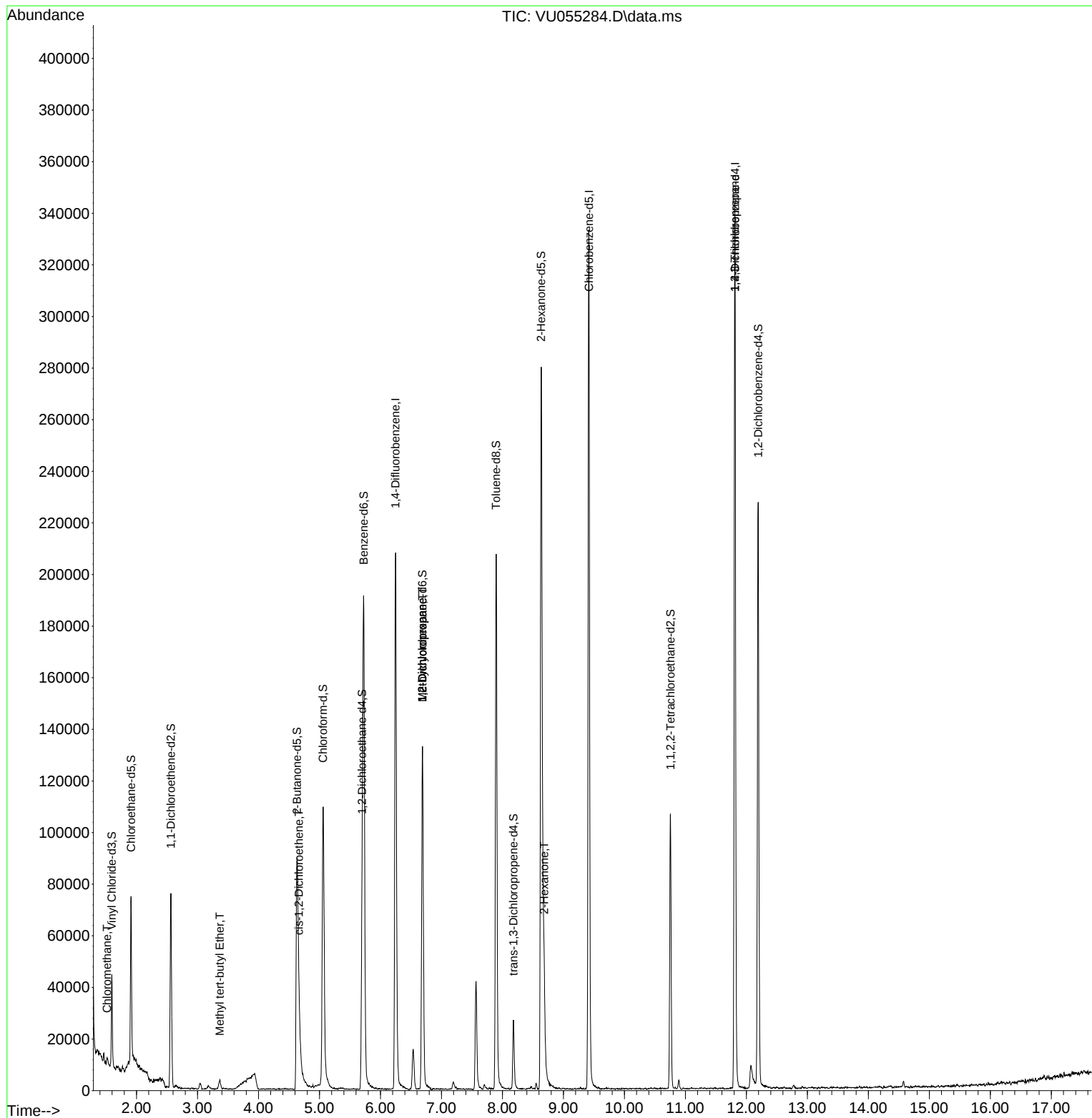
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	170491	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	185456	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	87722	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	24536	3.071	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.400%
7) Chloroethane-d5	1.911	69	43562	4.710	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.200%
11) 1,1-Dichloroethene-d2	2.563	65	13809	3.033	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.600%
20) 2-Butanone-d5	4.631	46	157022	67.717	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	135.440%#
24) Chloroform-d	5.058	84	100706	4.749	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
26) 1,2-Dichloroethane-d4	5.698	65	55281	5.211	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.200%
32) Benzene-d6	5.727	84	176933	3.865	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.400%
36) 1,2-Dichloropropane-d6	6.689	67	62476	4.291	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.800%
41) Toluene-d8	7.897	98	143588	3.405	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.000%#
43) trans-1,3-Dichloroprop...	8.180	79	15415	3.844	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.800%
46) 2-Hexanone-d5	8.634	63	88881	54.600	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.200%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	52483	5.125	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.600%
66) 1,2-Dichlorobenzene-d4	12.193	152	58312	4.554	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.518	50	1873	0.186	ug/L	96
17) Methyl tert-butyl Ether	3.364	73	3673	0.178	ug/L	96
22) cis-1,2-Dichloroethene	4.663	96	2093	0.214	ug/L #	83
35) Methylcyclohexane	6.689	83	15394	1.000	ug/L #	19
37) 1,2-Dichloropropane	6.689	63	7824	0.728	ug/L #	89
48) 2-Hexanone	8.685	43	22046	4.592	ug/L #	78
61) 1,2,3-Trichloropropane	11.811	75	12246	2.104	ug/L #	68

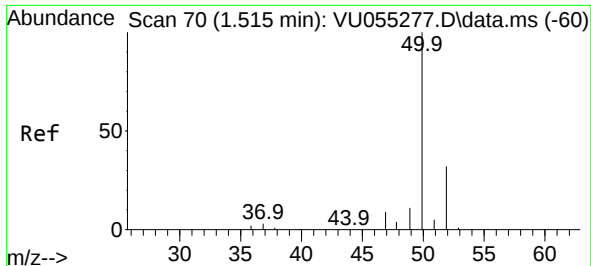
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

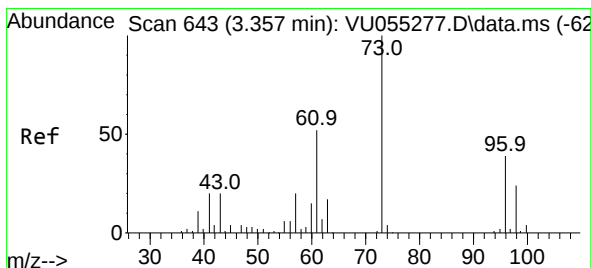
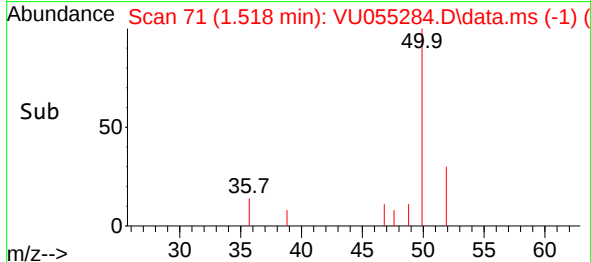
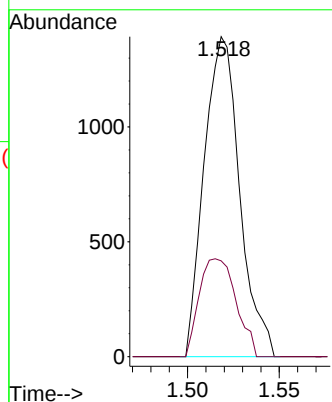
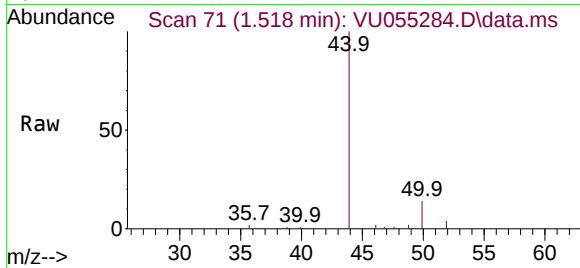




#3
Chloromethane
Concen: 0.186 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU055284.D
Acq: 13 Sep 2023 15:03

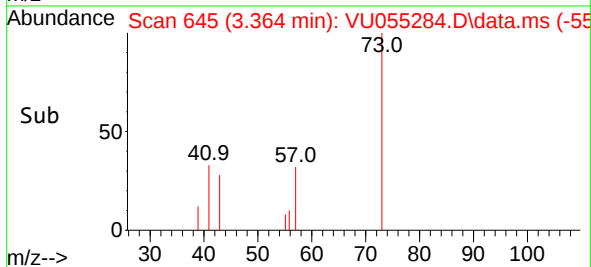
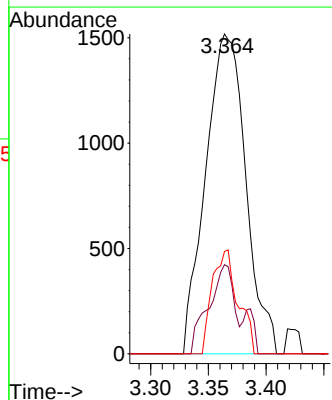
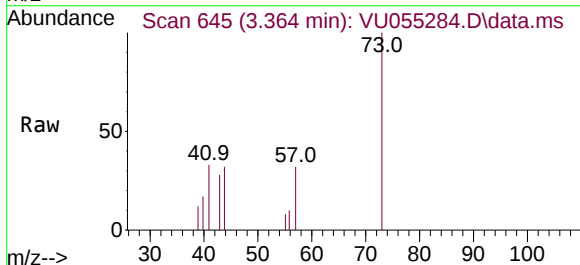
Instrument :
MSVOA_U
ClientSampleId :

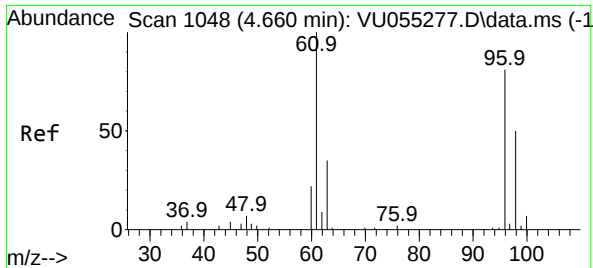
Tgt Ion: 50 Resp: 1873
Ion Ratio Lower Upper
50 100
52 29.9 22.5 41.7



#17
Methyl tert-butyl Ether
Concen: 0.178 ug/L
RT: 3.364 min Scan# 645
Delta R.T. 0.006 min
Lab File: VU055284.D
Acq: 13 Sep 2023 15:03

Tgt Ion: 73 Resp: 3673
Ion Ratio Lower Upper
73 100
43 17.6 16.2 24.2
57 20.8 17.4 26.2





#22

cis-1,2-Dichloroethene

Concen: 0.214 ug/L

RT: 4.663 min Scan# 1048

Delta R.T. 0.003 min

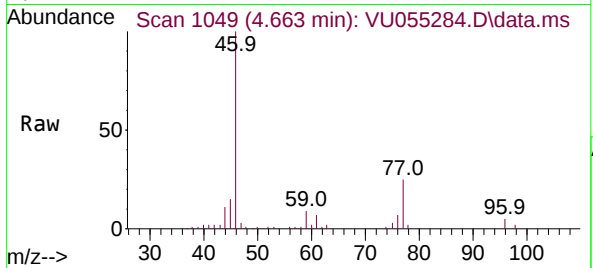
Lab File: VU055284.D

Acq: 13 Sep 2023 15:03

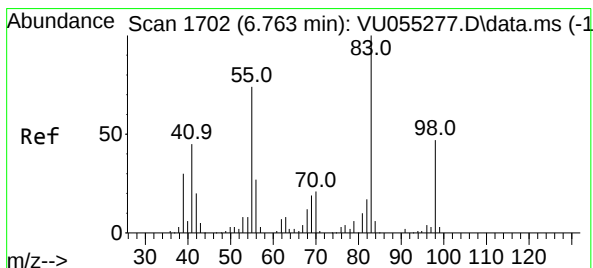
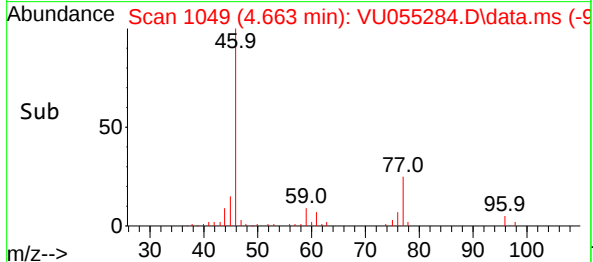
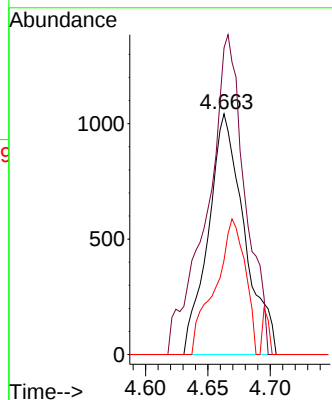
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	96	Resp:	2093
Ion	Ratio	Lower	Upper
96	100		
61	127.4	97.2	180.4
98	39.3	46.1	85.7#



#35

Methylcyclohexane

Concen: 1.000 ug/L

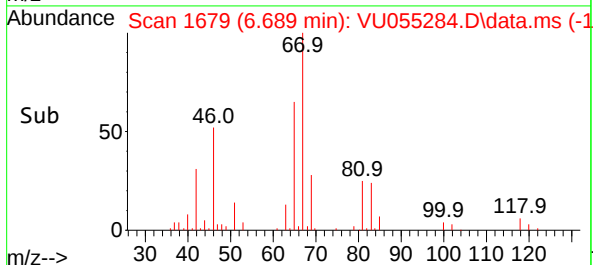
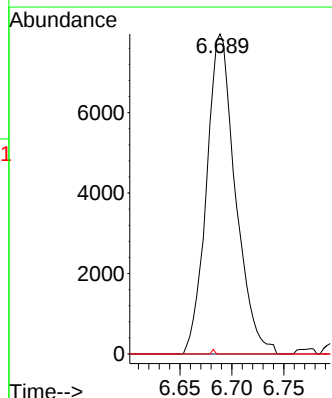
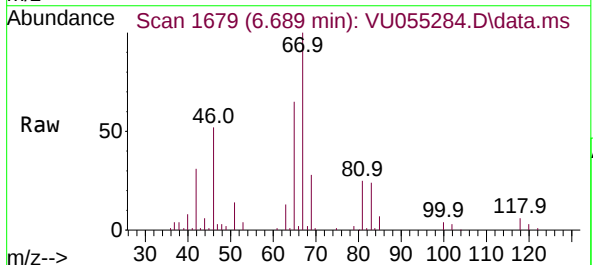
RT: 6.689 min Scan# 1679

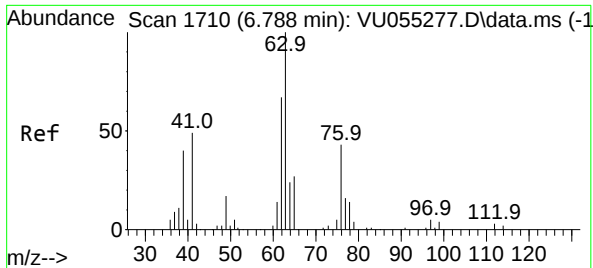
Delta R.T. -0.074 min

Lab File: VU055284.D

Acq: 13 Sep 2023 15:03

Tgt Ion:	83	Resp:	15394
Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.4	90.6#
98	0.1	35.3	52.9#

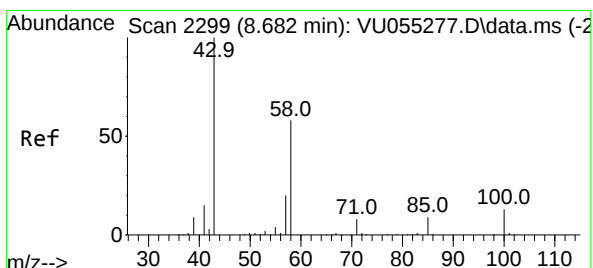
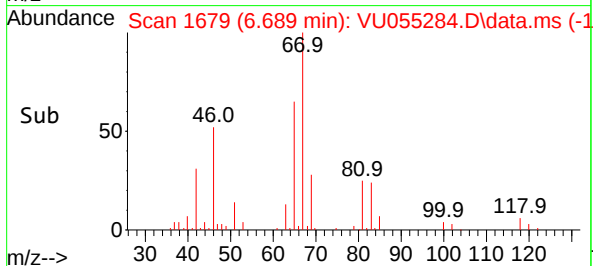
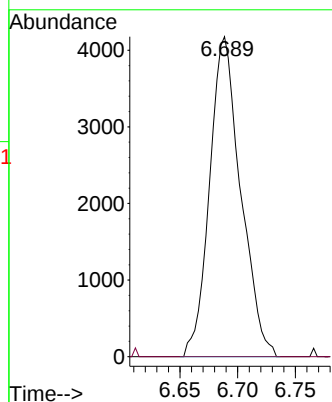
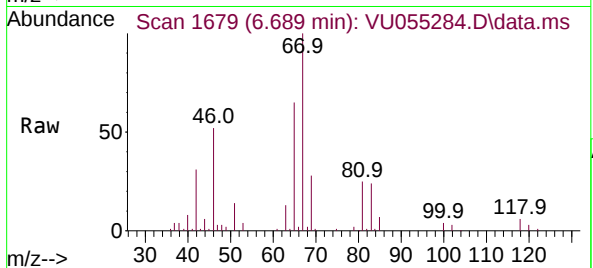




#37
1,2-Dichloropropane
Concen: 0.728 ug/L
RT: 6.689 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU055284.D
Acq: 13 Sep 2023 15:03

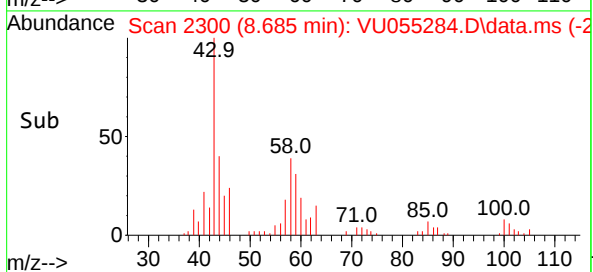
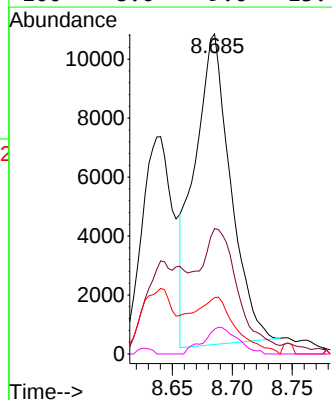
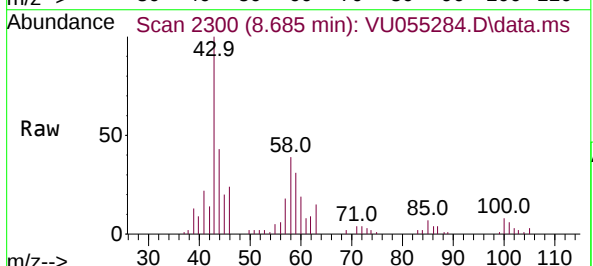
Instrument :
MSVOA_U
ClientSampleId :

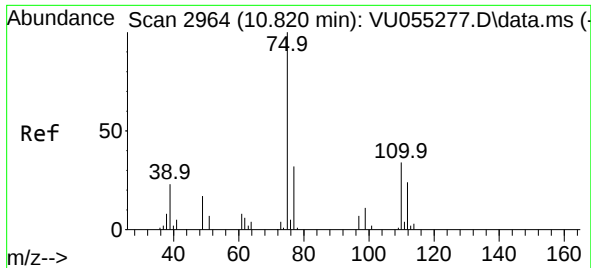
Tgt Ion: 63 Resp: 7824
Ion Ratio Lower Upper
63 100
112 0.3 3.2 4.8#



#48
2-Hexanone
Concen: 4.592 ug/L
RT: 8.685 min Scan# 2300
Delta R.T. 0.003 min
Lab File: VU055284.D
Acq: 13 Sep 2023 15:03

Tgt Ion: 43 Resp: 22046
Ion Ratio Lower Upper
43 100
58 32.4 44.0 66.0#
57 18.7 16.2 24.2
100 8.0 9.0 13.4#





#61

1,2,3-Trichloropropane

Concen: 2.104 ug/L

RT: 11.811 min Scan# 31

Delta R.T. 0.990 min

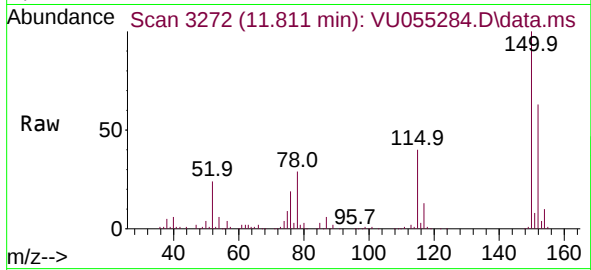
Lab File: VU055284.D

Acq: 13 Sep 2023 15:03

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 12246

Ion Ratio Lower Upper

75 100

110 2.0 28.2 42.2#

77 35.3 26.2 39.4

