Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090523\
Data File : VU055089.D
Acq On : 05 Sep 2023 13:12
Operator : MD/SY
Sample : O4250-04DL 400X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Sep 06 02:16:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 06 02:14:32 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Difluorobenzene	6.248	114	190717	5.000 ug/L	0.00
28) Chlorobenzene-d5	9.415	117	190767	5.000 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	96668	5.000 ug/L	0.00
System Monitoring Compounds					
4) Vinyl Chloride-d3	1.592	65	36858	4.123 ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 82.400%		
7) Chloroethane-d5	1.907	69	44972	4.346 ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 87.000%		
11) 1,1-Dichloroethene-d2	2.560	65	22445	4.407 ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 88.200%		
20) 2-Butanone-d5	4.624	46	137421	52.979 ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 105.960%		
24) Chloroform-d	5.062	84	111043	4.682 ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.600%		
26) 1,2-Dichloroethane-d4	5.702	65	57806	4.871 ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.400%		
32) Benzene-d6	5.724	84	216861	4.605 ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.200%		
36) 1,2-Dichloropropane-d6	6.689	67	71046	4.744 ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.800%		
41) Toluene-d8	7.898	98	191183	4.407 ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.200%		
43) trans-1,3-Dichloroprop...	8.181	79	17412	4.222 ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.400%		
46) 2-Hexanone-d5	8.631	63	83588	49.919 ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.840%		
56) 1,1,2,2-Tetrachloroeth...	10.756	84	52181	4.954 ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.000%		
66) 1,2-Dichlorobenzene-d4	12.193	152	67738	4.801 ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.000%		
Target Compounds					Qvalue
16) Methylene chloride	3.042	84	7252	0.538 ug/L	94
22) cis-1,2-Dichloroethene	4.663	96	9002	0.822 ug/L	93
34) Trichloroethene	6.541	95	67525	5.984 ug/L	95
35) Methylcyclohexane	6.689	83	16410	1.037 ug/L #	19
37) 1,2-Dichloropropane	6.685	63	7756	0.702 ug/L #	90
48) 2-Hexanone	8.685	43	18050	3.655 ug/L #	89
61) 1,2,3-Trichloropropane	11.811	75	13932	2.172 ug/L #	71

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

Quantitation Report (Not Reviewed)

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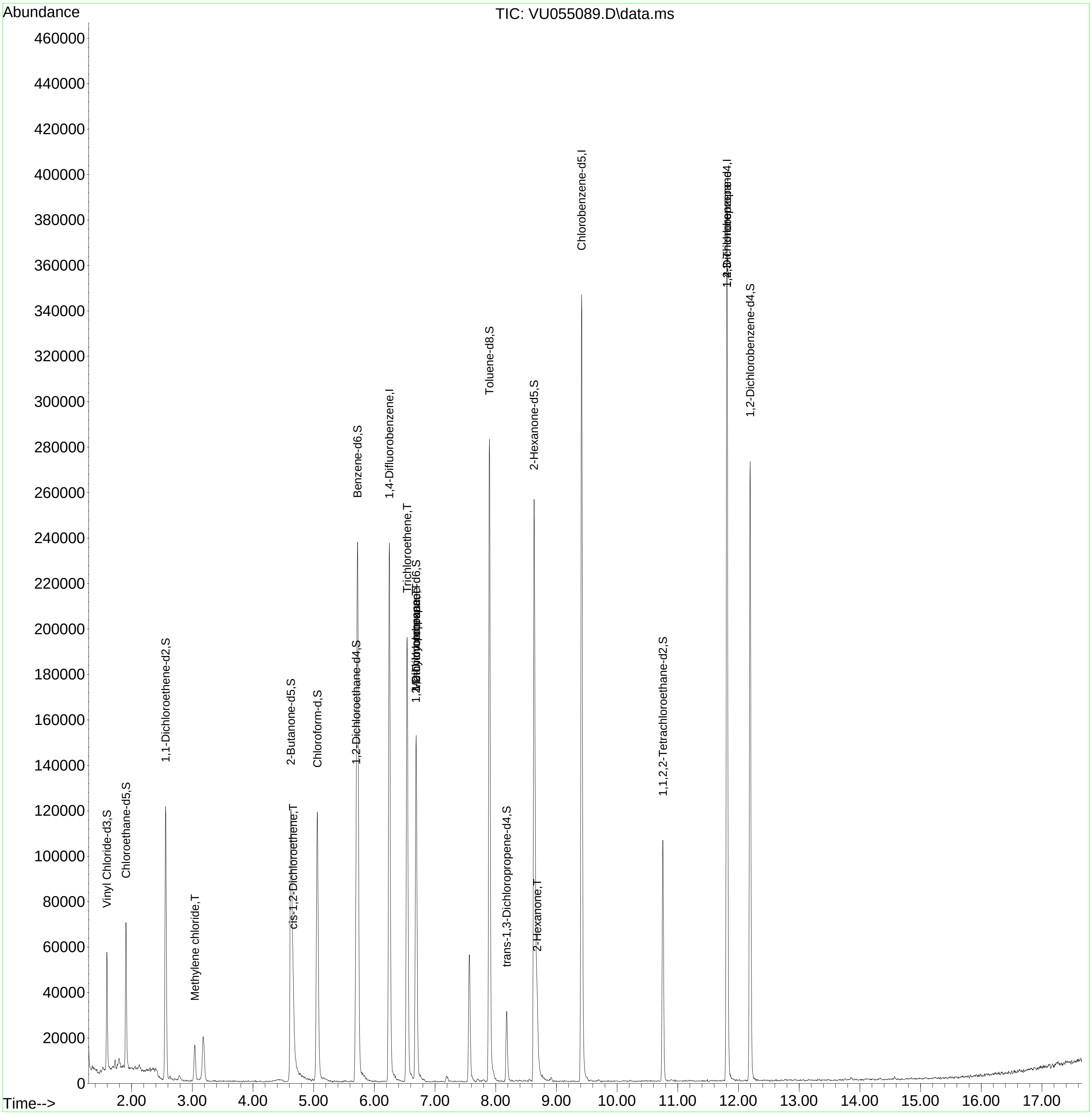
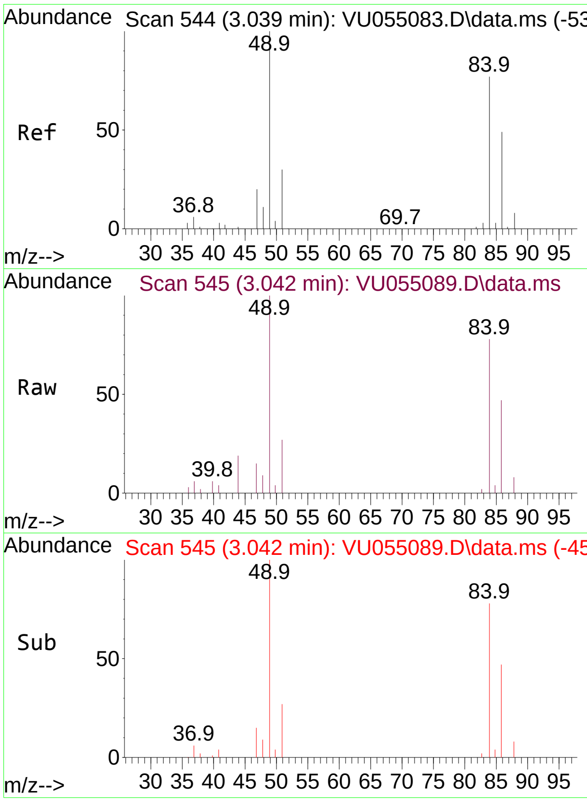
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 06 02:14:32 2023
Response via : Initial Calibration





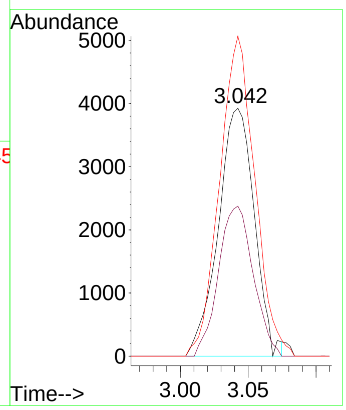
#16
Methylene chloride
Concen: 0.538 ug/L
RT: 3.042 min   Scan# 54

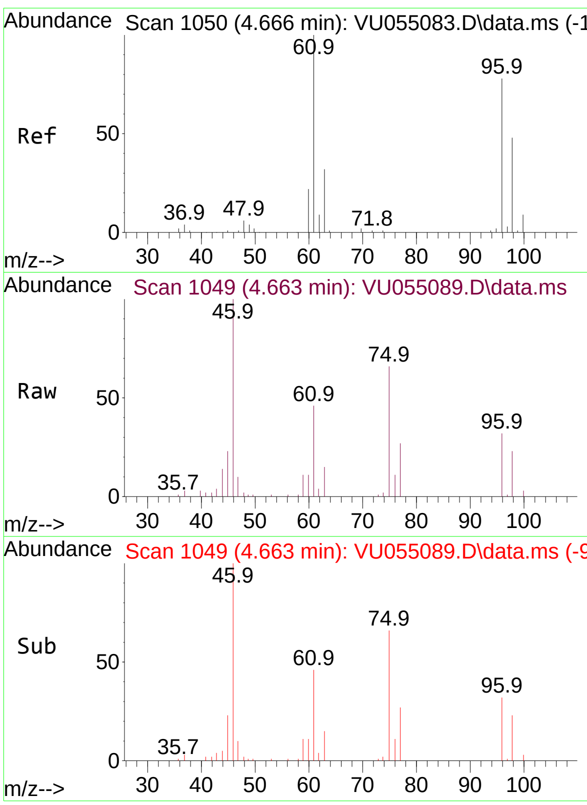
Instrument :
MSVOA_U
ClientSampleId :

Delta R.T.   0.003 min
Lab File: VU055089.D
Acq: 05 Sep 2023   13:12

Tgt Ion: 84 Resp: 7252

Ion	Ratio	Lower	Upper
84	100		
86	60.5	43.4	80.6
49	133.9	87.7	162.9

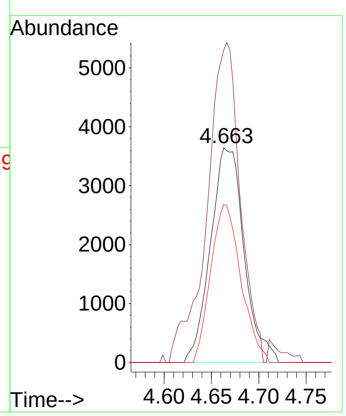


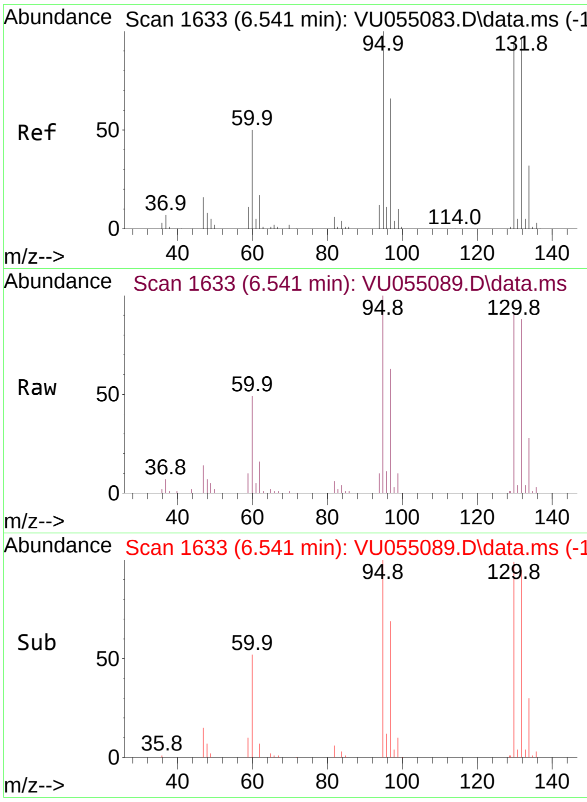


#22
cis-1,2-Dichloroethene
Concen: 0.822 ug/L
RT: 4.663 min   Scan# 1049
Delta R.T.   -0.003 min
Lab File: VU055089.D
Acq: 05 Sep 2023   13:12

Tgt Ion: 96 Resp: 9002

Ion	Ratio	Lower	Upper
96	100		
61	145.5	97.2	180.4
98	73.6	46.1	85.7



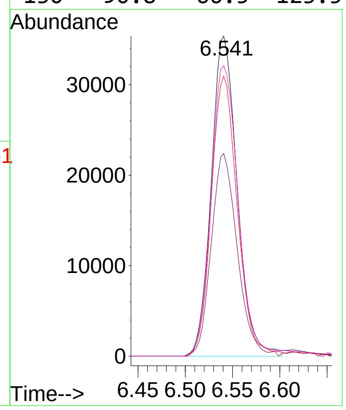


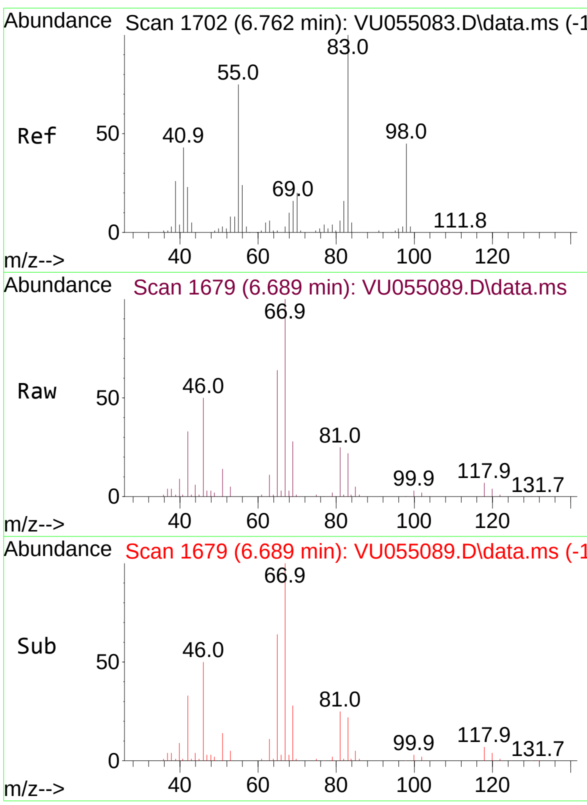
#34
Trichloroethene
Concen: 5.984 ug/L
RT: 6.541 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU055089.D
Acq: 05 Sep 2023 13:12

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 67525

Ion	Ratio	Lower	Upper
95	100		
97	63.3	44.7	83.1
132	87.5	66.6	123.6
130	90.8	66.5	123.5

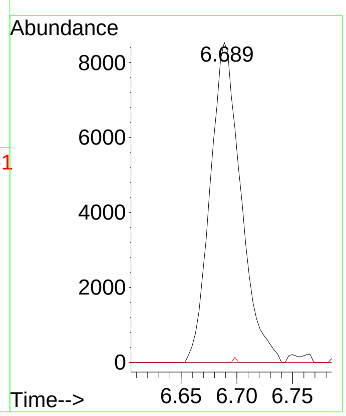


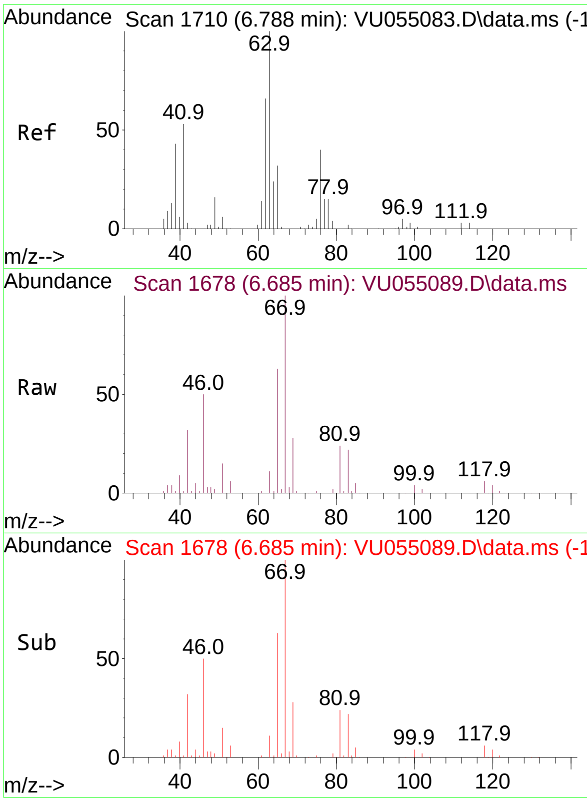


#35
Methylcyclohexane
Concen: 1.037 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.074 min
Lab File: VU055089.D
Acq: 05 Sep 2023 13:12

Tgt Ion: 83 Resp: 16410

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



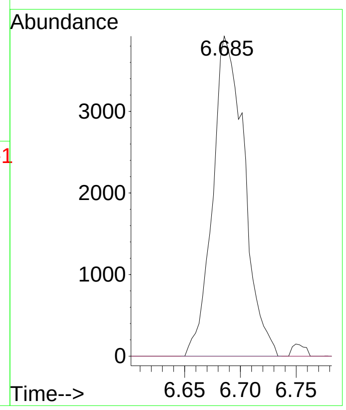


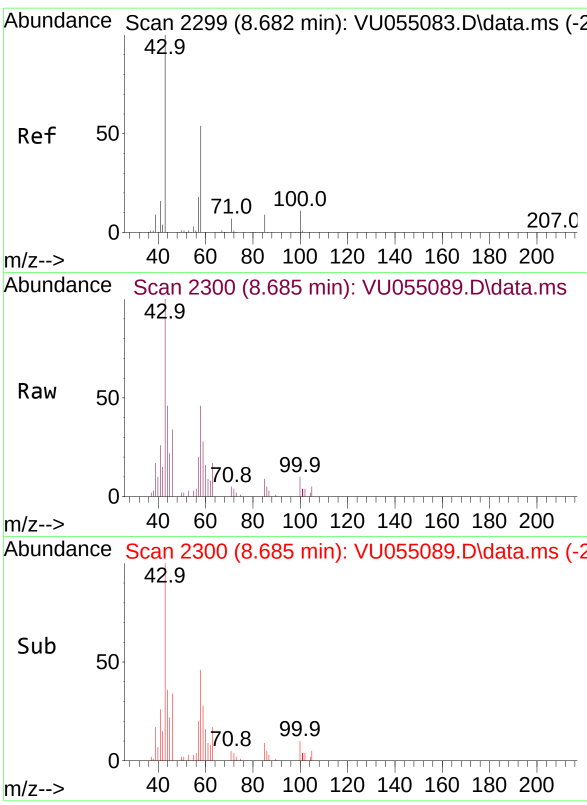
#37
1,2-Dichloropropane
Concen: 0.702 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU055089.D
Acq: 05 Sep 2023 13:12

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 7756

Ion	Ratio	Lower	Upper
63	100		
112	0.7	3.2	4.8#

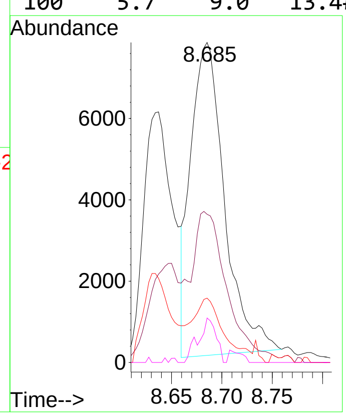


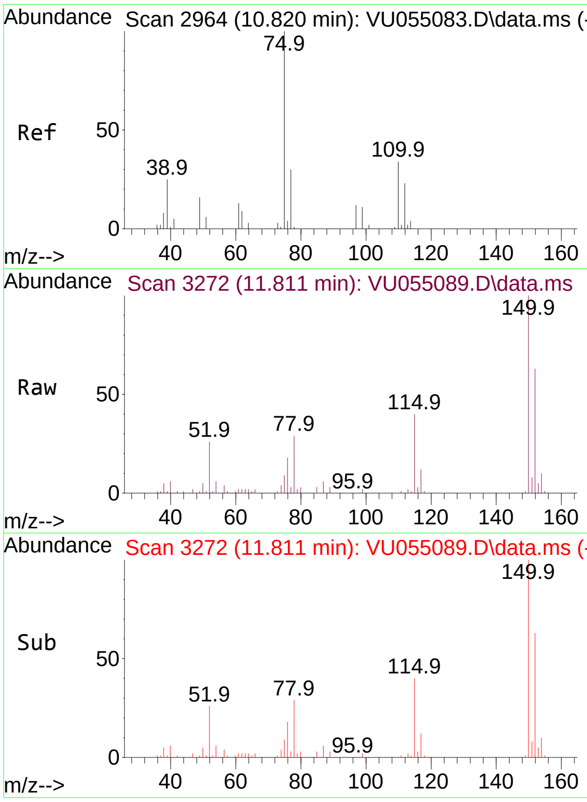


#48
2-Hexanone
Concen: 3.655 ug/L
RT: 8.685 min Scan# 2300
Delta R.T. 0.003 min
Lab File: VU055089.D
Acq: 05 Sep 2023 13:12

Tgt Ion: 43 Resp: 18050

Ion	Ratio	Lower	Upper
43	100		
58	45.0	44.0	66.0
57	19.0	16.2	24.2
100	5.7	9.0	13.4#





#61
1,2,3-Trichloropropane
Concen: 2.172 ug/L
RT: 11.811 min Scan# 3
Delta R.T. 0.990 min
Lab File: VU055089.D
Acq: 05 Sep 2023 13:12

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 13932

Ion	Ratio	Lower	Upper
75	100		
110	2.7	28.2	42.2#
77	32.9	26.2	39.4