Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032423\
Data File : VU053407.D
Acq On : 24 Mar 2023 22:00
Operator : JC/MD
Sample : 02092-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Mar 25 00:43:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Mar 25 00:39:08 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	134914	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	128617	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	60857	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	48194	5.193	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 103.800%			
7) Chloroethane-d5	1.913	69	43729	5.191	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 103.800%			
11) 1,1-Dichloroethene-d2	2.565	65	21221	5.367	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 107.400%			
20) 2-Butanone-d5	4.652	46	99416	46.757	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 93.520%			
24) Chloroform-d	5.057	84	89151	5.181	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.600%			
26) 1,2-Dichloroethane-d4	5.697	65	46422	5.265	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.200%			
32) Benzene-d6	5.723	84	188029	5.159	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.200%			
36) 1,2-Dichloropropane-d6	6.687	67	57754	5.200	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 104.000%			
41) Toluene-d8	7.893	98	170474	4.957	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.200%			
43) trans-1,3-Dichloroprop...	8.176	79	19812	4.648	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.000%			
46) 2-Hexanone-d5	8.633	63	87795	50.713	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.420%			
56) 1,1,2,2-Tetrachloroeth...	10.751	84	46630	5.044	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.800%			
66) 1,2-Dichlorobenzene-d4	12.189	152	60083	5.488	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 109.800%			
Target Compounds						Qvalue
3) Chloromethane	1.517	50	2612	0.268	ug/L	94
17) Methyl tert-butyl Ether	3.359	73	10510	0.568	ug/L #	88
22) cis-1,2-Dichloroethene	4.658	96	3470	0.325	ug/L #	87
35) Methylcyclohexane	6.684	83	13545	0.860	ug/L #	23
37) 1,2-Dichloropropane	6.684	63	6452	0.709	ug/L #	89
48) 2-Hexanone	8.687	43	7245	2.200	ug/L #	67
51) Chlorobenzene	9.443	112	41169	1.733	ug/L	97
61) 1,2,3-Trichloropropane	11.806	75	10590	2.100	ug/L #	60
65) 1,4-Dichlorobenzene	11.832	146	6196	0.380	ug/L	99

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

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MSVOA_U
ClientSampleId :

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Mar 25 00:39:08 2023
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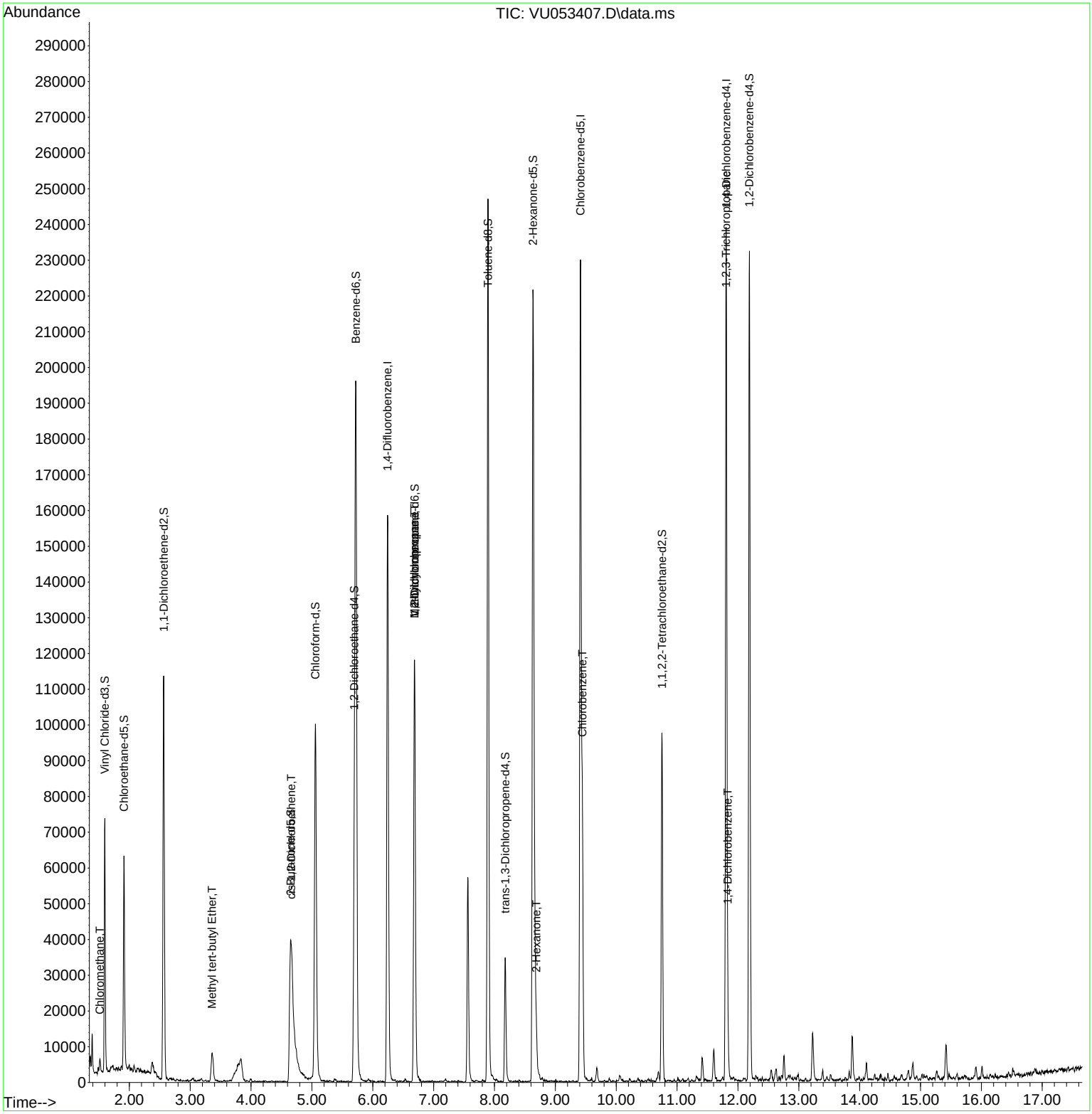
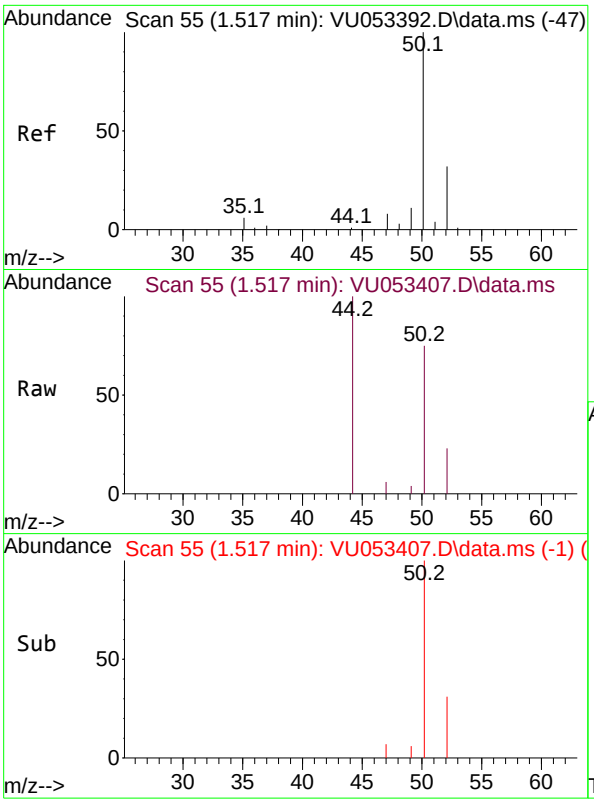


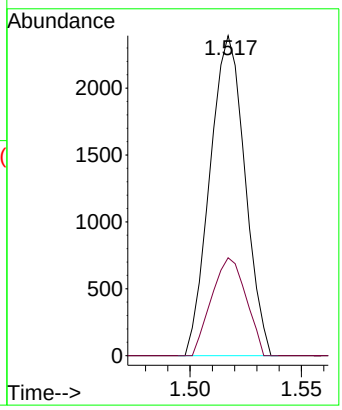


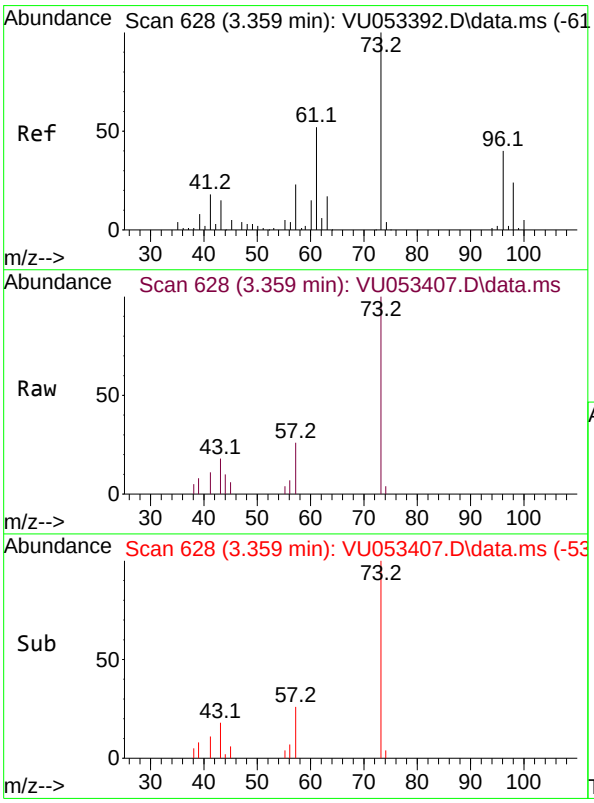
#3
Chloromethane
Concen: 0.268 ug/L
RT: 1.517 min Scan# 5
Delta R.T. 0.000 min
Lab File: VU053407.D
Acq: 24 Mar 2023 22:00

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 50 Resp: 2612

Ion	Ratio	Lower	Upper
50	100		
52	30.6	23.9	44.3

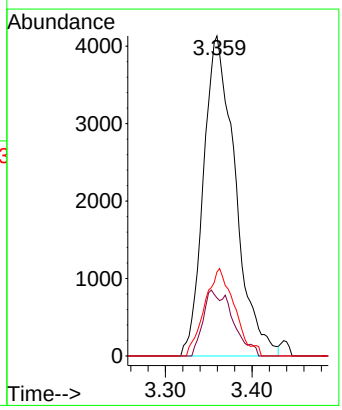


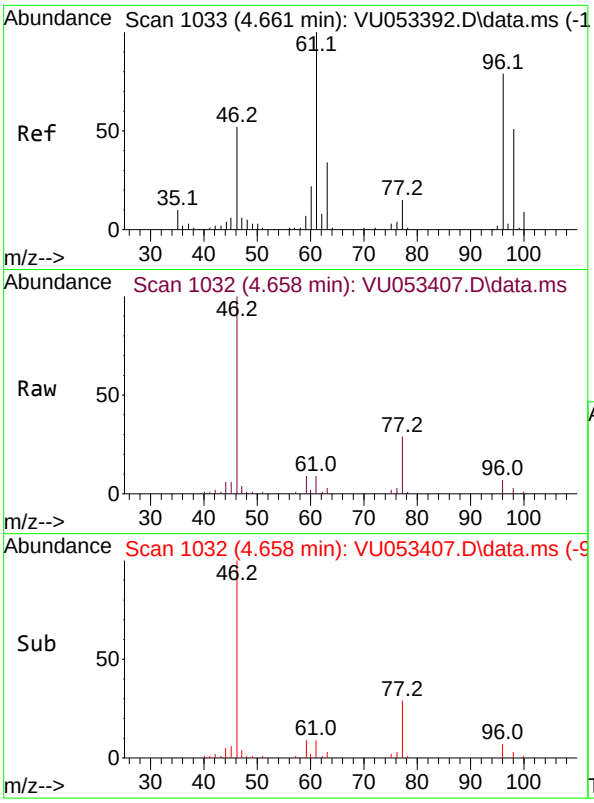


#17
Methyl tert-butyl Ether
Concen: 0.568 ug/L
RT: 3.359 min Scan# 628
Delta R.T. 0.000 min
Lab File: VU053407.D
Acq: 24 Mar 2023 22:00

Tgt Ion: 73 Resp: 10510

Ion	Ratio	Lower	Upper
73	100		
43	10.4	13.9	20.9#
57	25.7	17.0	25.6#



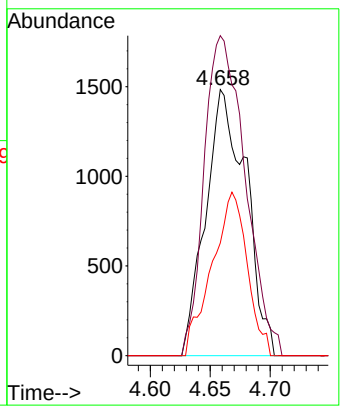


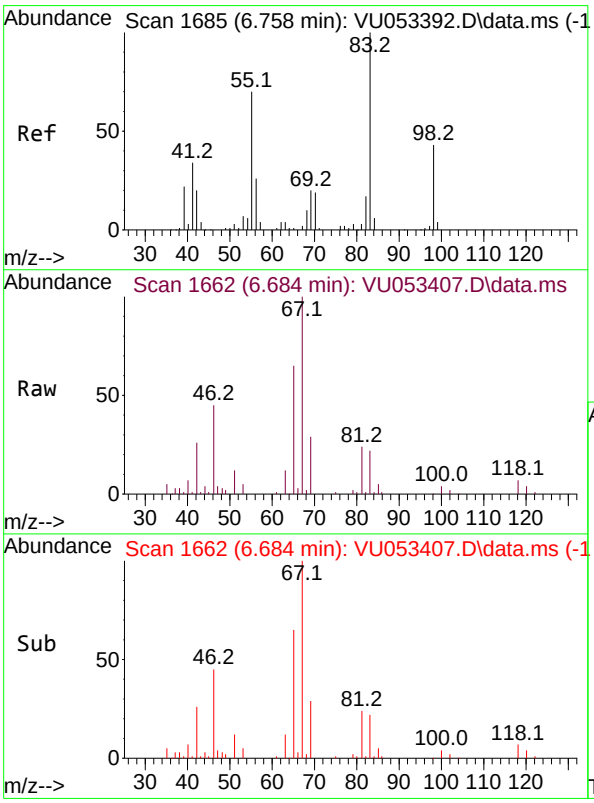
#22
cis-1,2-Dichloroethene
Concen: 0.325 ug/L
RT: 4.658 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU053407.D
Acq: 24 Mar 2023 22:00

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 3470

Ion	Ratio	Lower	Upper
96	100		
61	120.3	86.6	160.8
98	42.3	47.7	88.5#

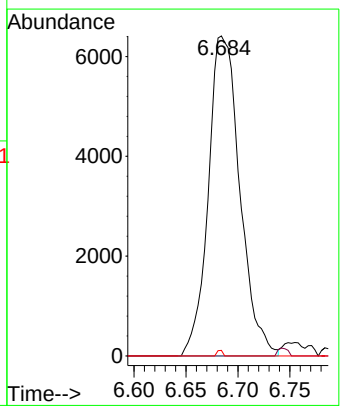


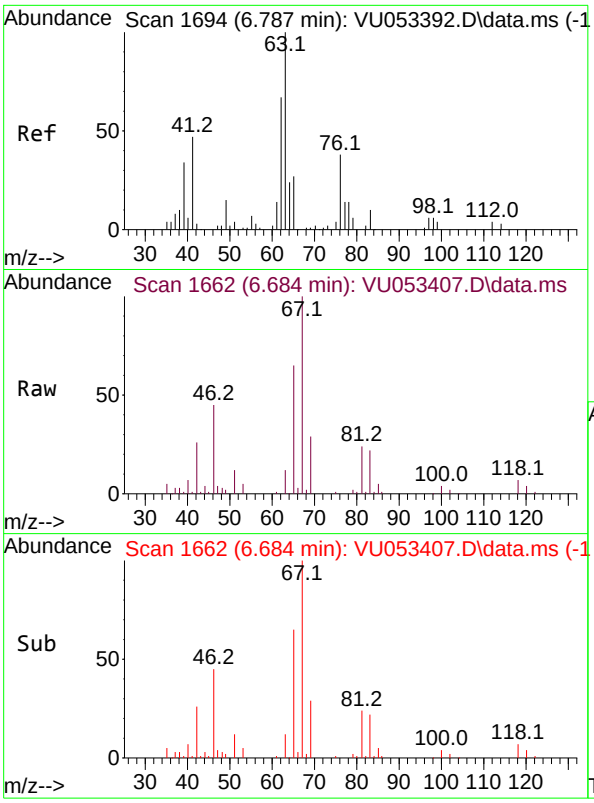


#35
Methylcyclohexane
Concen: 0.860 ug/L
RT: 6.684 min Scan# 1662
Delta R.T. -0.074 min
Lab File: VU053407.D
Acq: 24 Mar 2023 22:00

Tgt Ion: 83 Resp: 13545

Ion	Ratio	Lower	Upper
83	100		
55	0.8	54.9	82.3#
98	0.3	34.9	52.3#



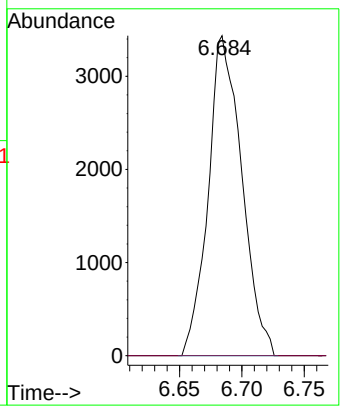


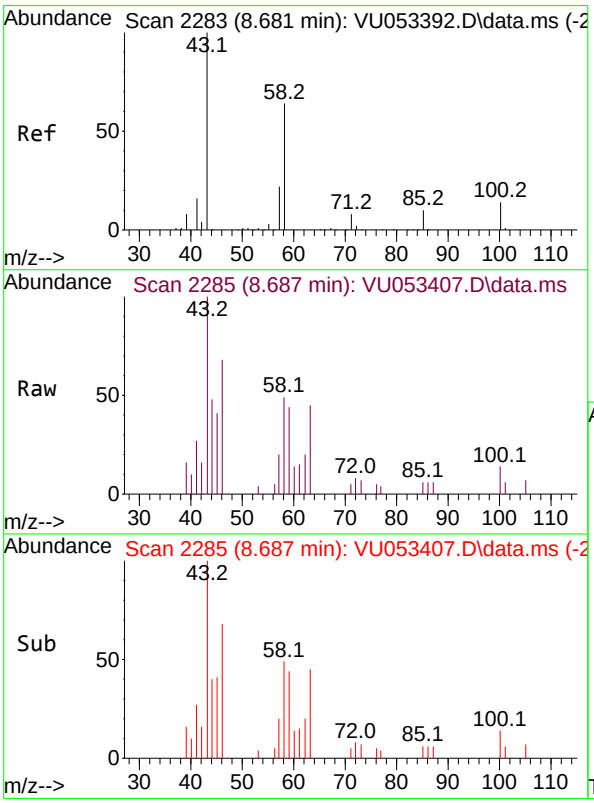
#37
1,2-Dichloropropane
Concen: 0.709 ug/L
RT: 6.684 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU053407.D
Acq: 24 Mar 2023 22:00

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 6452

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.4#

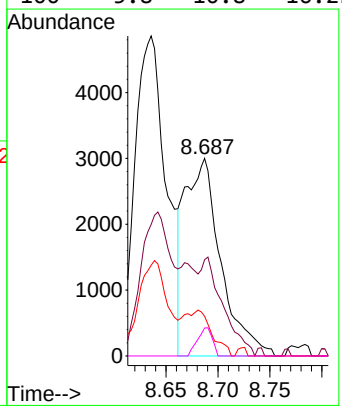


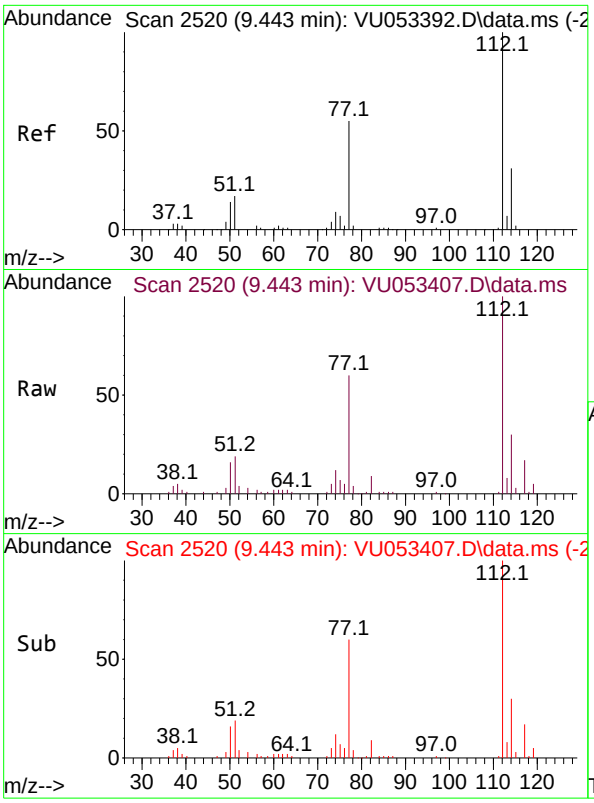


#48
2-Hexanone
Concen: 2.200 ug/L
RT: 8.687 min Scan# 2285
Delta R.T. 0.007 min
Lab File: VU053407.D
Acq: 24 Mar 2023 22:00

Tgt Ion: 43 Resp: 7245

Ion	Ratio	Lower	Upper
43	100		
58	30.9	52.8	79.2#
57	18.2	17.1	25.7
100	5.8	10.8	16.2#



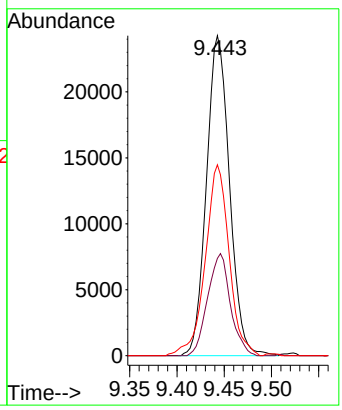


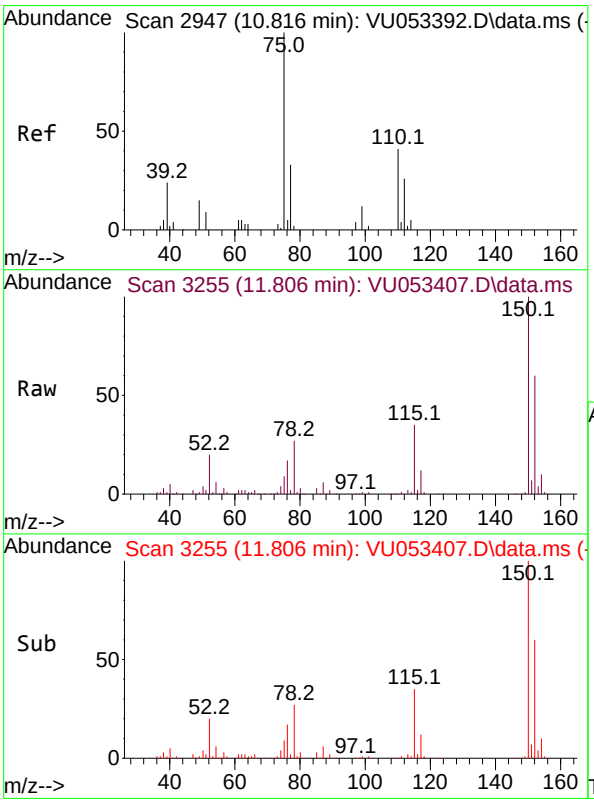
#51
Chlorobenzene
Concen: 1.733 ug/L
RT: 9.443 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU053407.D
Acq: 24 Mar 2023 22:00

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:112 Resp: 41169

Ion	Ratio	Lower	Upper
112	100		
114	30.4	22.1	41.1
77	59.7	45.8	68.6

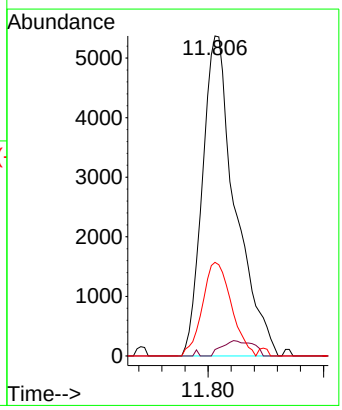


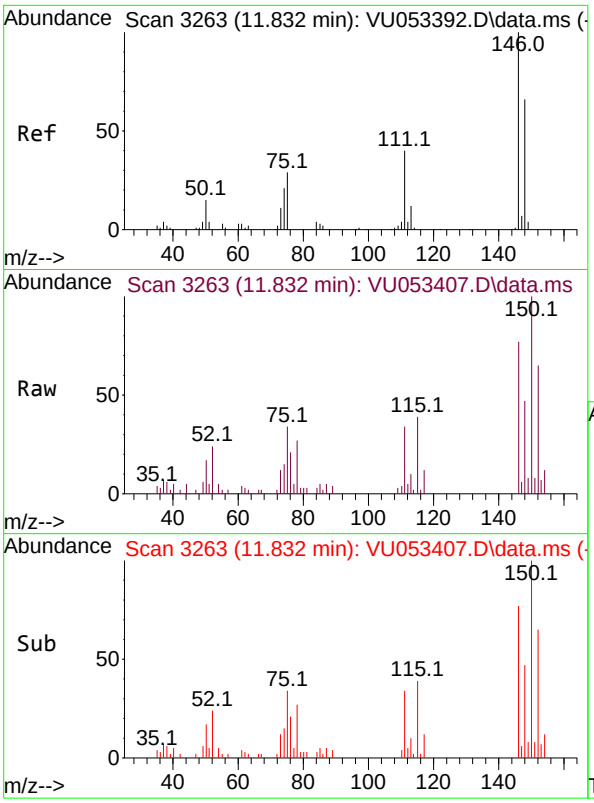


#61
1,2,3-Trichloropropane
Concen: 2.100 ug/L
RT: 11.806 min Scan# 3255
Delta R.T. 0.990 min
Lab File: VU053407.D
Acq: 24 Mar 2023 22:00

Tgt Ion: 75 Resp: 10590

Ion	Ratio	Lower	Upper
75	100		
110	0.2	30.6	46.0#
77	25.8	26.1	39.1#





#65
1,4-Dichlorobenzene
Concen: 0.380 ug/L
RT: 11.832 min Scan# 3
Delta R.T. 0.000 min
Lab File: VU053407.D
Acq: 24 Mar 2023 22:00

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:146 Resp: 6196

Ion	Ratio	Lower	Upper
146	100		
111	44.1	29.8	55.4
148	61.4	43.0	80.0