Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042522\
Data File : VU048286.D
Acq On : 25 Apr 2022 22:26
Operator : SY/MD
Sample : N2518-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXES4

Quant Time: Apr 26 02:48:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 26 02:41:26 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	367177	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	378801	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	186420	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	148277	43.915	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 87.820%			
7) Chloroethane-d5	1.880	69	113498	47.888	ug/L	-0.03
Spiked Amount 50.000	Range 70 - 130		Recovery = 95.780%			
11) 1,1-Dichloroethene-d2	2.559	63	191062	35.316	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 70.640%			
21) 2-Butanone-d5	4.620	46	329465	114.405	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 114.410%			
24) Chloroform-d	5.063	84	278226	45.430	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.860%			
26) 1,2-Dichloroethane-d4	5.700	65	174226	47.947	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.900%			
32) Benzene-d6	5.726	84	580992	48.631	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.260%			
36) 1,2-Dichloropropane-d6	6.690	67	194411	49.222	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.440%			
41) Toluene-d8	7.899	98	515472	47.601	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.200%			
43) trans-1,3-Dichloroprop...	8.179	79	82114	47.116	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.240%			
47) 2-Hexanone-d5	8.636	63	258192	121.164	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 121.160%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	358409	51.741	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 103.480%			
66) 1,2-Dichlorobenzene-d4	12.195	152	221453	52.808	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.620%			
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	4946	1.546	ug/L #	36
10) 1,1,2-Trichloro-1,2,2-...	2.559	101	1777	0.642	ug/L #	18
12) 1,1-Dichloroethene	2.562	96	1764	0.731	ug/L #	1
13) Acetone	2.629	43	7308	3.953	ug/L	95
20) cis-1,2-Dichloroethene	4.665	96	2663	0.881	ug/L	99
22) 2-Butanone	4.716	43	6743	2.466	ug/L	89
27) 1,2-Dichloroethane	5.777	62	8109	2.076	ug/L #	90
29) Cyclohexane	5.385	56	34746	9.708	ug/L	97
33) Benzene	5.771	78	814953	72.664	ug/L	100
35) Methylcyclohexane	6.758	83	3770	0.977	ug/L #	40
39) cis-1,3-Dichloropropene	7.568	75	4719	1.052	ug/L #	53
44) trans-1,3-Dichloropropene	8.179	75	3464	0.790	ug/L #	74
51) Chlorobenzene	9.449	112	12037	1.418	ug/L	97
52) Ethylbenzene	9.571	91	7393	0.606	ug/L	94
61) Isopropylbenzene	10.484	105	27510	2.639	ug/L	97

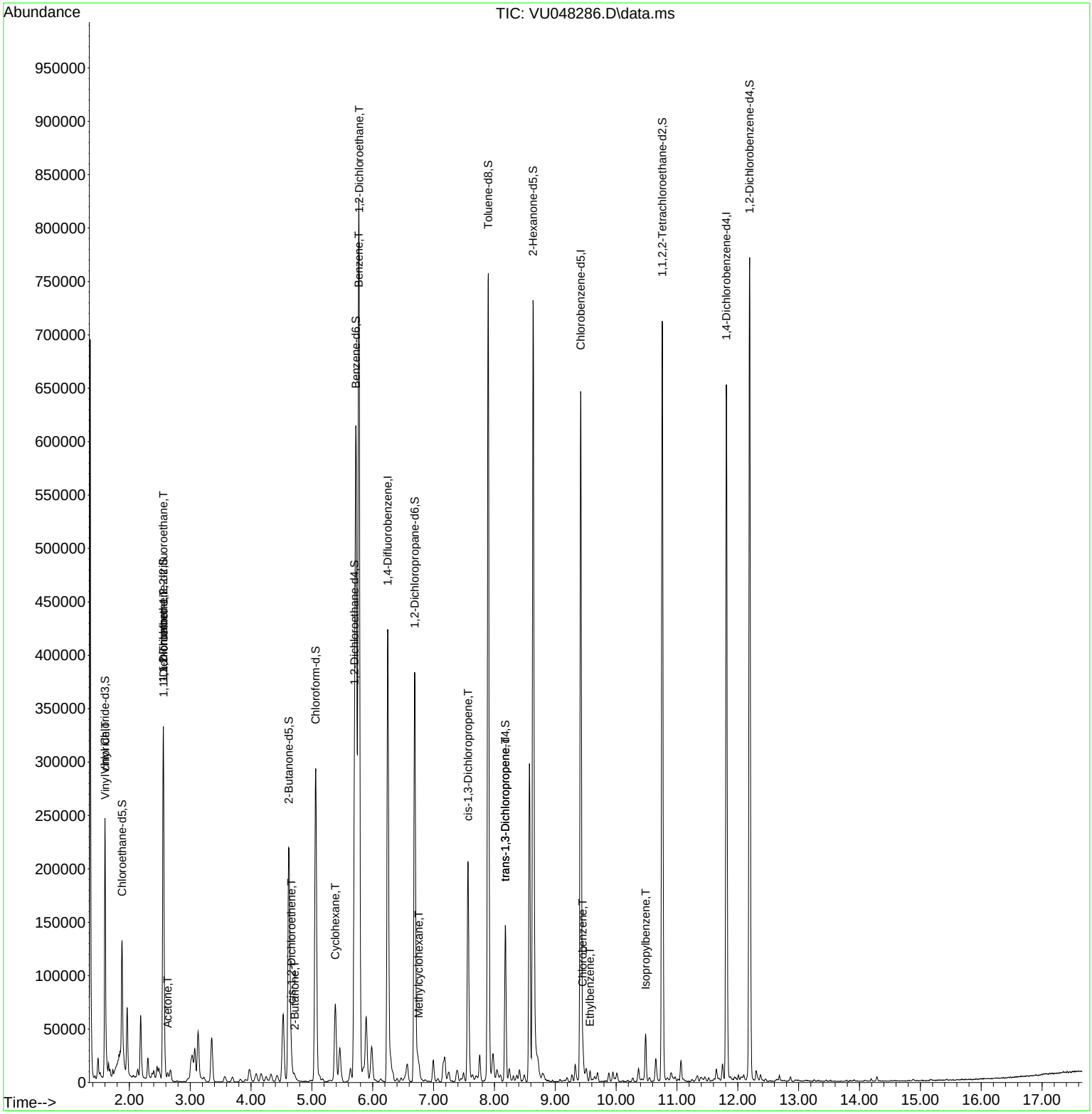
(#) = qualifier out of range (m) = manual integration (+) = signals summed

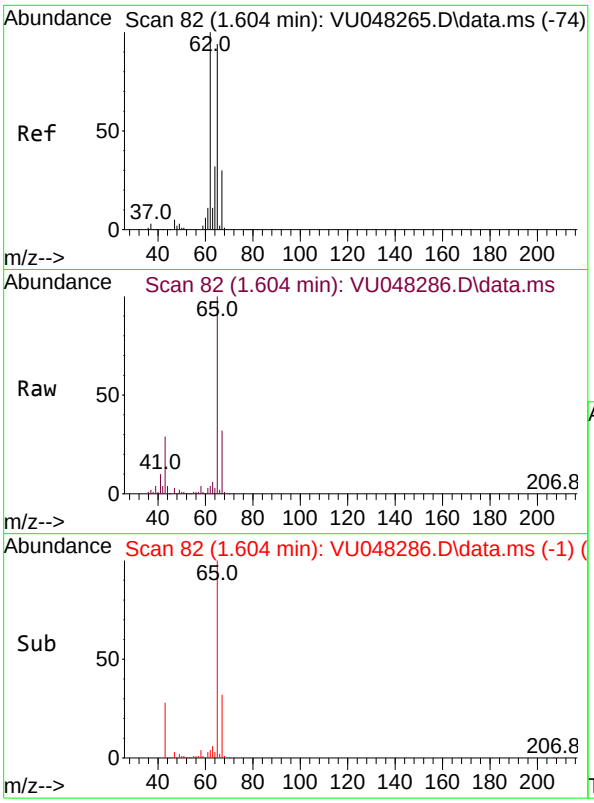
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042522\
Data File : VU048286.D
Acq On : 25 Apr 2022 22:26
Operator : SY/MD
Sample : N2518-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXES4

Quant Time: Apr 26 02:48:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 26 02:41:26 2022
Response via : Initial Calibration



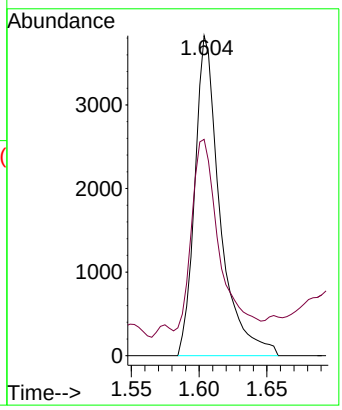


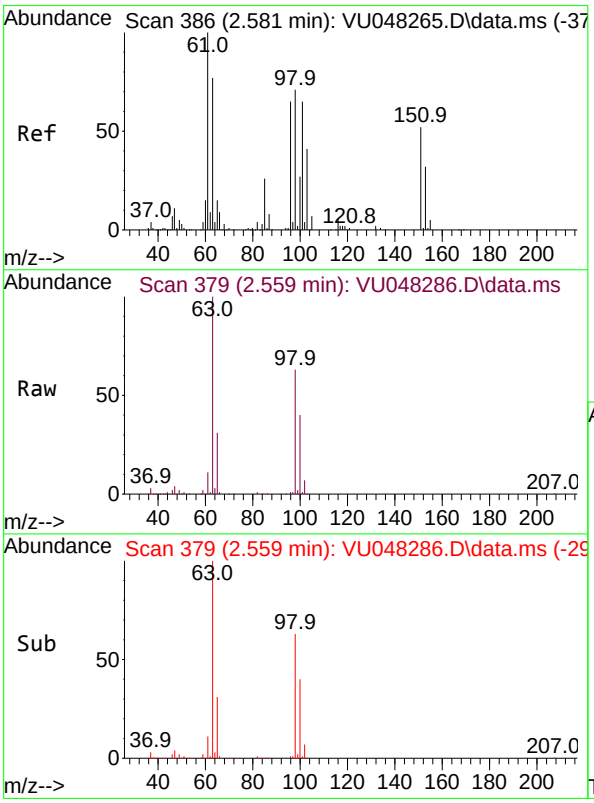
#5
Vinyl chloride
Concen: 1.546 ug/L
RT: 1.604 min Scan# 8
Delta R.T. -0.000 min
Lab File: VU048286.D
Acq: 25 Apr 2022 22:26

Instrument :
MSVOA_U
ClientSampleId :
EXES4

Tgt Ion: 62 Resp: 4946

Ion	Ratio	Lower	Upper
62	100		
64	67.6	22.5	41.7#

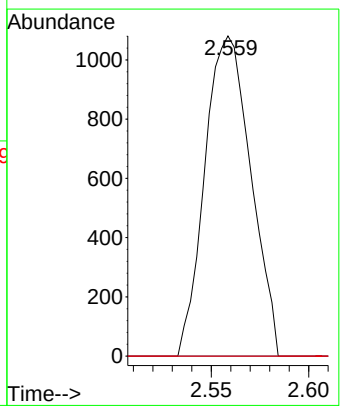


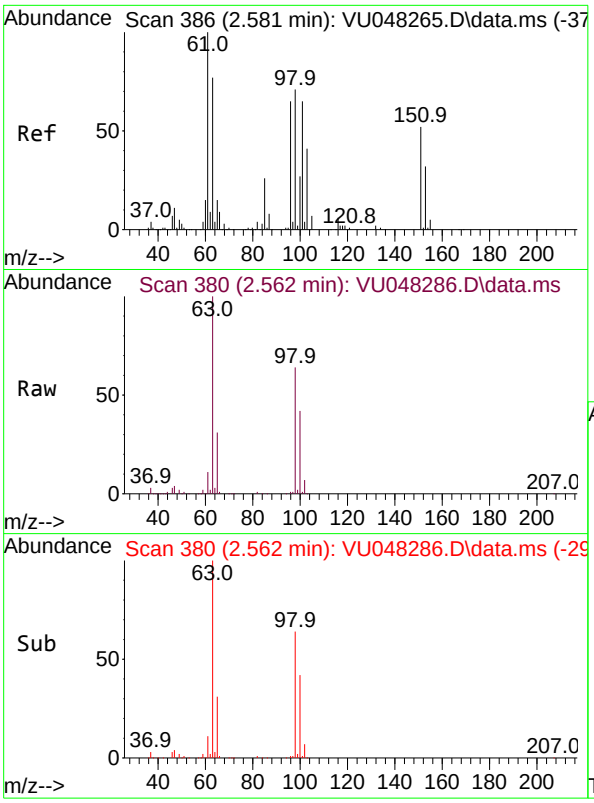


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.642 ug/L
RT: 2.559 min Scan# 379
Delta R.T. -0.023 min
Lab File: VU048286.D
Acq: 25 Apr 2022 22:26

Tgt Ion:101 Resp: 1777

Ion	Ratio	Lower	Upper
101	100		
85	0.0	32.6	48.8#
151	0.0	64.1	96.1#



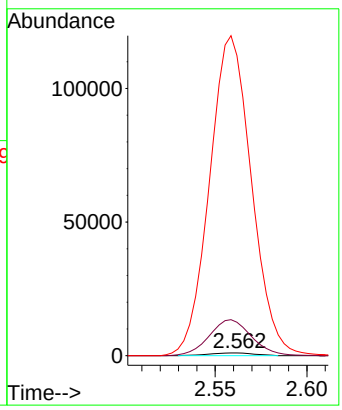


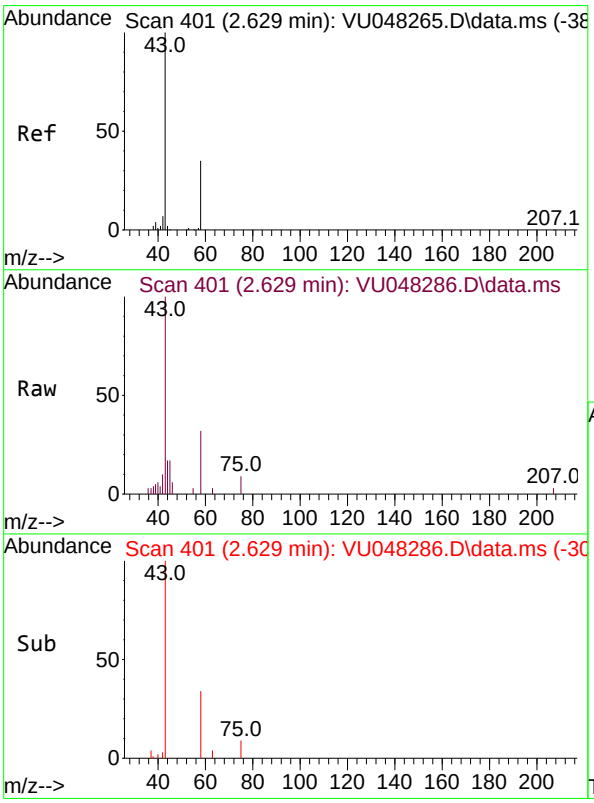
#12
1,1-Dichloroethene
Concen: 0.731 ug/L
RT: 2.562 min Scan# 3
Delta R.T. -0.019 min
Lab File: VU048286.D
Acq: 25 Apr 2022 22:26

Instrument :
MSVOA_U
ClientSampleId :
EXES4

Tgt Ion: 96 Resp: 1764

Ion	Ratio	Lower	Upper
96	100		
61	1219.9	107.9	200.3#
63	10959.6	80.3	149.1#

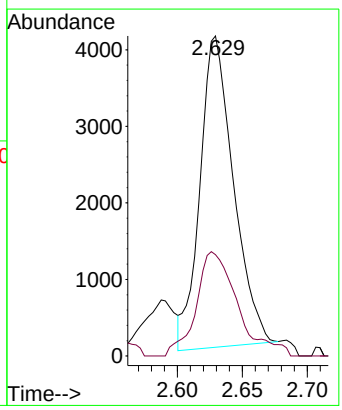


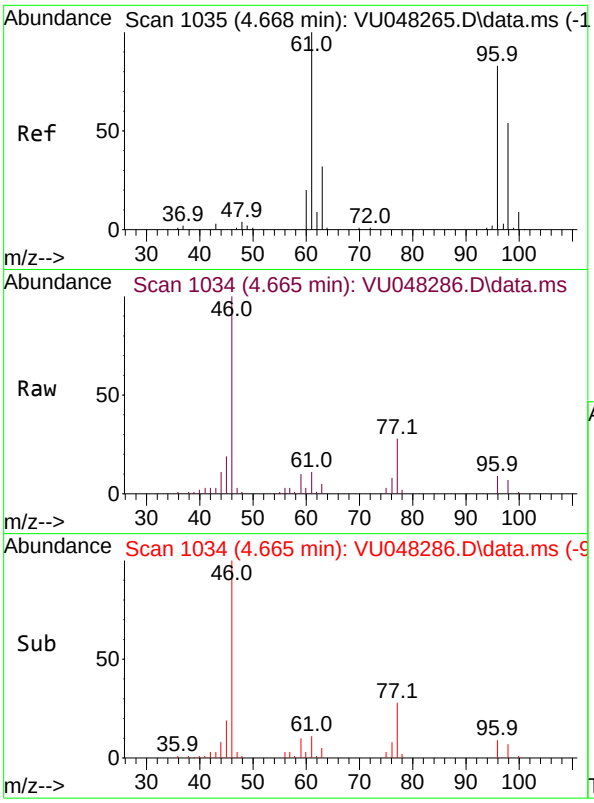


#13
Acetone
Concen: 3.953 ug/L
RT: 2.629 min Scan# 401
Delta R.T. -0.000 min
Lab File: VU048286.D
Acq: 25 Apr 2022 22:26

Tgt Ion: 43 Resp: 7308

Ion	Ratio	Lower	Upper
43	100		
58	38.3	0.0	71.2



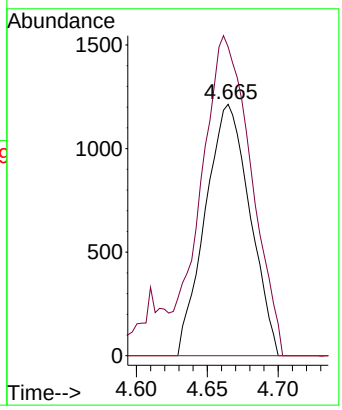


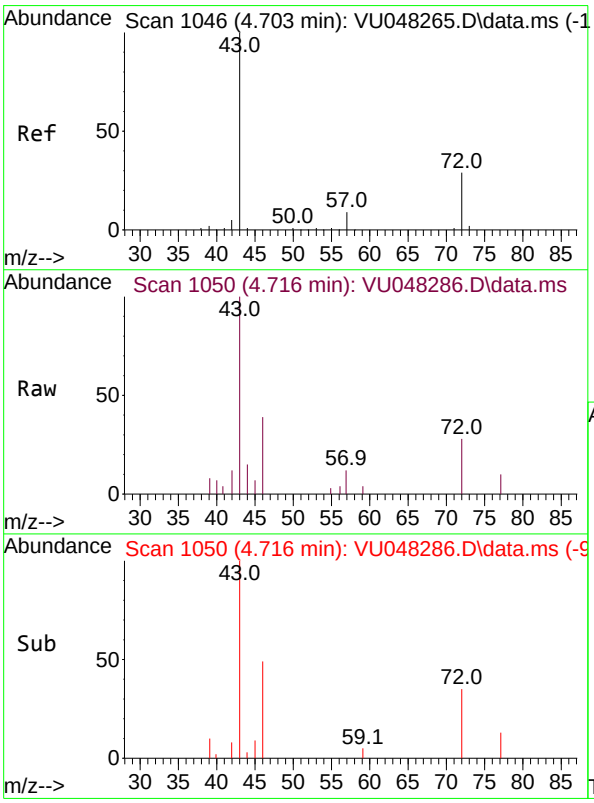
#20
cis-1,2-Dichloroethene
Concen: 0.881 ug/L
RT: 4.665 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU048286.D
Acq: 25 Apr 2022 22:26

Instrument :
MSVOA_U
ClientSampleId :
EXES4

Tgt Ion: 96 Resp: 2663

Ion	Ratio	Lower	Upper
96	100		
61	122.8	87.0	161.6
68	0.0	0.0	0.0

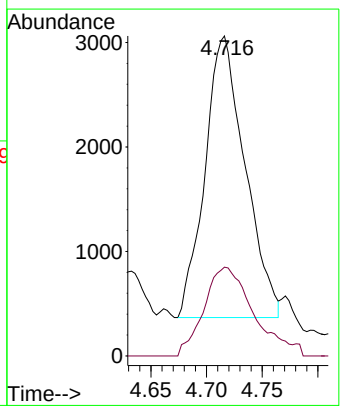


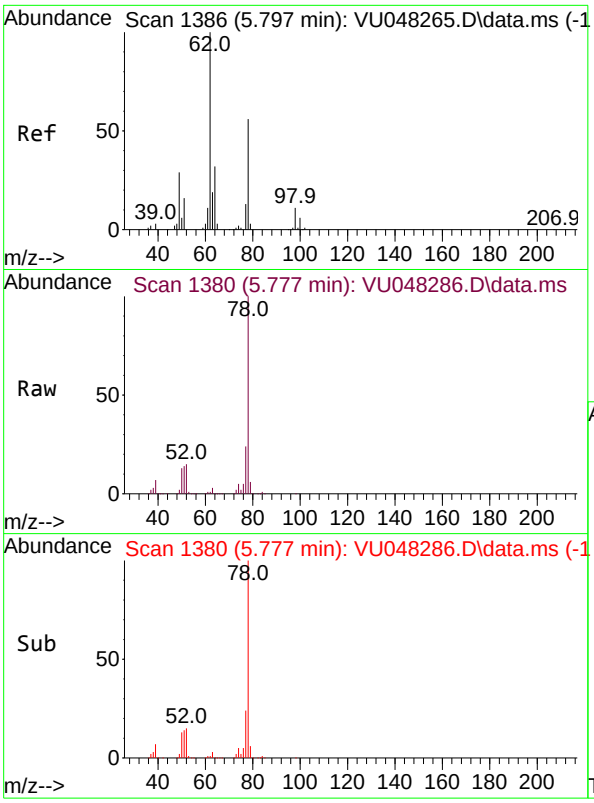


#22
2-Butanone
Concen: 2.466 ug/L
RT: 4.716 min Scan# 1050
Delta R.T. 0.013 min
Lab File: VU048286.D
Acq: 25 Apr 2022 22:26

Tgt Ion: 43 Resp: 6743

Ion	Ratio	Lower	Upper
43	100		
72	35.2	14.6	43.8



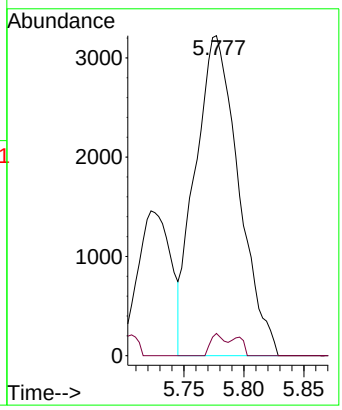


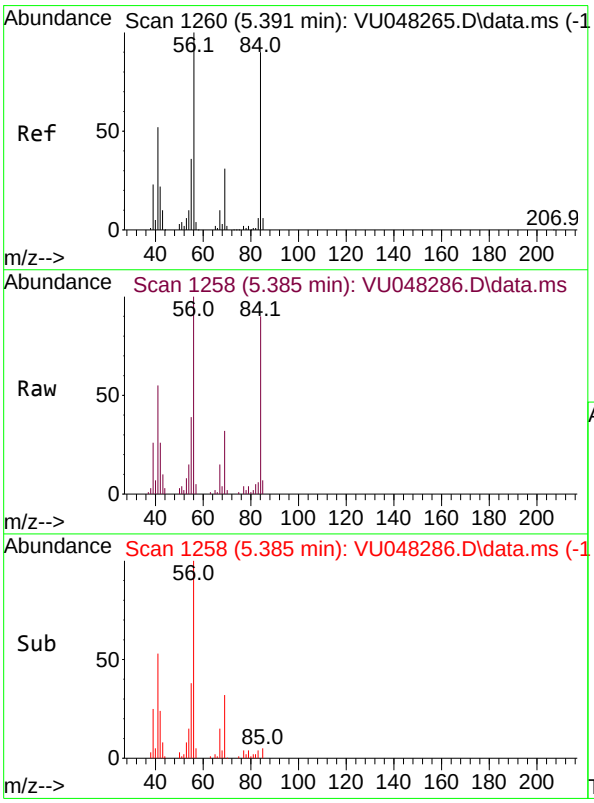
#27
1,2-Dichloroethane
Concen: 2.076 ug/L
RT: 5.777 min Scan# 1
Delta R.T. -0.019 min
Lab File: VU048286.D
Acq: 25 Apr 2022 22:26

Instrument :
MSVOA_U
ClientSampleId :
EXES4

Tgt Ion: 62 Resp: 8109

Ion	Ratio	Lower	Upper
62	100		
98	6.9	8.5	12.7#

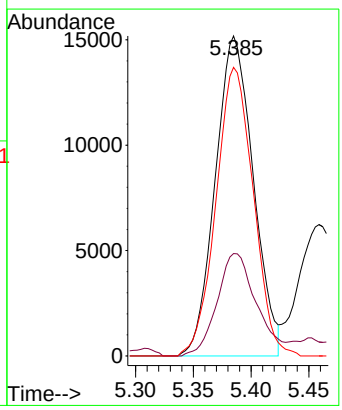


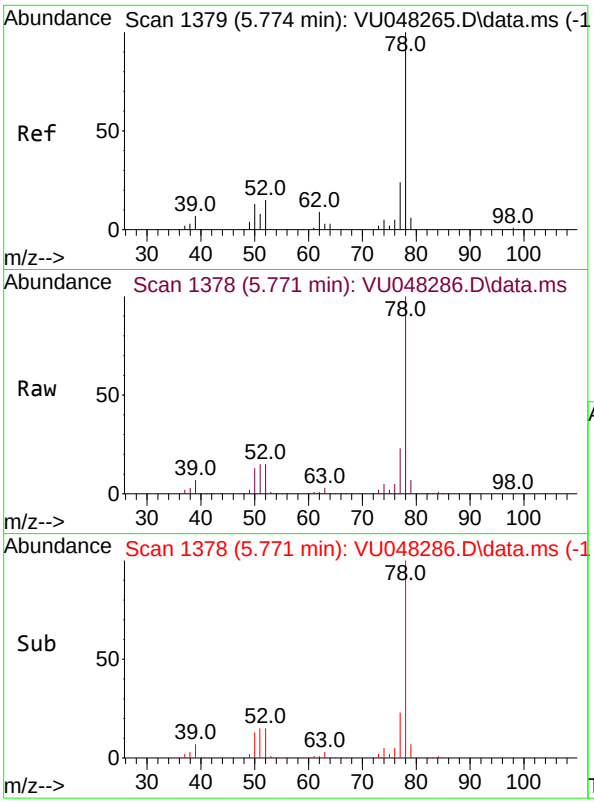


#29
Cyclohexane
Concen: 9.708 ug/L
RT: 5.385 min Scan# 1258
Delta R.T. -0.007 min
Lab File: VU048286.D
Acq: 25 Apr 2022 22:26

Tgt Ion: 56 Resp: 34746

Ion	Ratio	Lower	Upper
56	100		
69	33.2	24.2	36.4
84	88.7	72.2	108.2

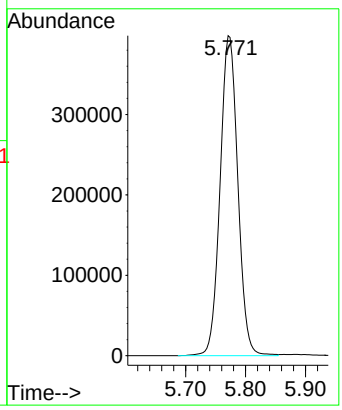


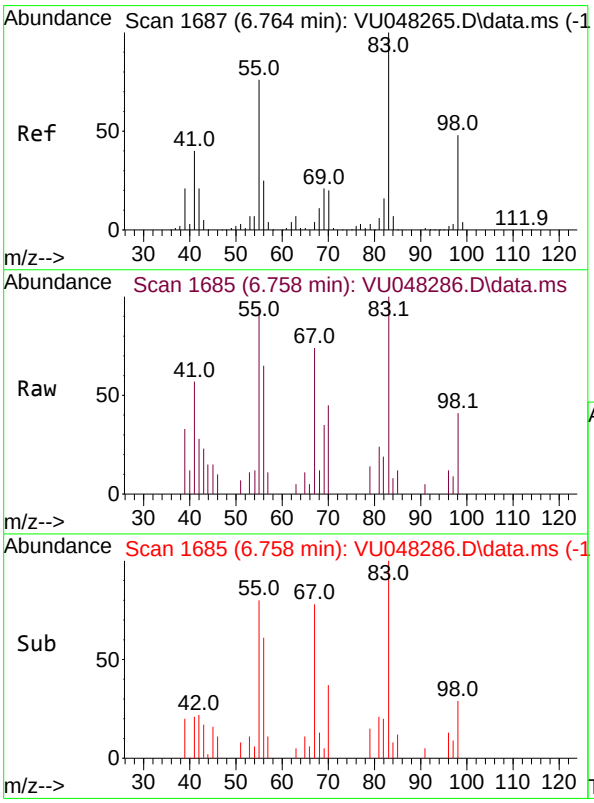


#33
Benzene
Concen: 72.664 ug/L
RT: 5.771 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU048286.D
Acq: 25 Apr 2022 22:26

Instrument :
MSVOA_U
ClientSampleId :
EXES4

Tgt Ion: 78 Resp: 814953

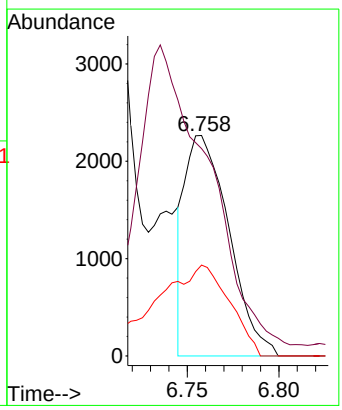


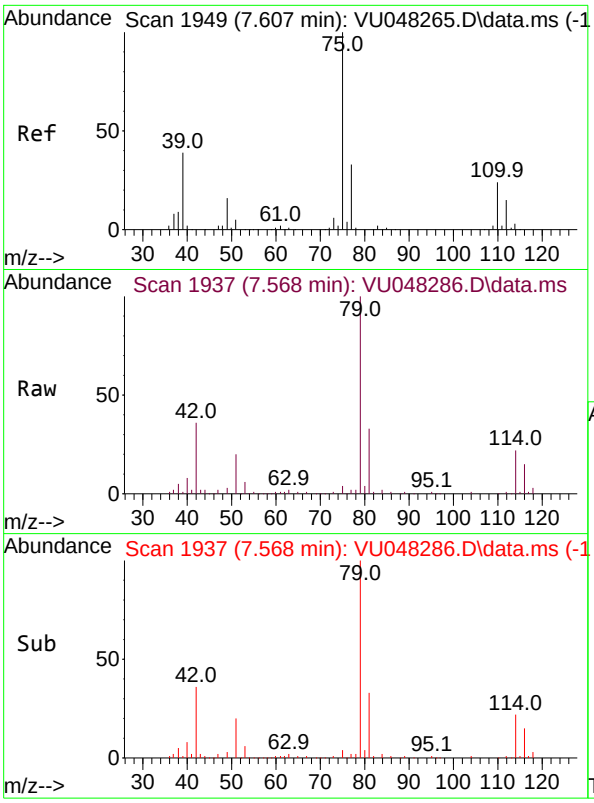


#35
Methylcyclohexane
Concen: 0.977 ug/L
RT: 6.758 min Scan# 1685
Delta R.T. -0.007 min
Lab File: VU048286.D
Acq: 25 Apr 2022 22:26

Tgt Ion: 83 Resp: 3770

Ion	Ratio	Lower	Upper
83	100		
55	2.4	59.4	89.2#
98	33.4	37.3	55.9#



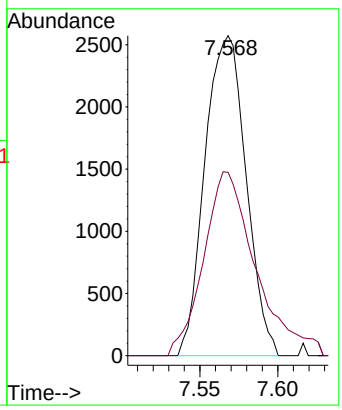


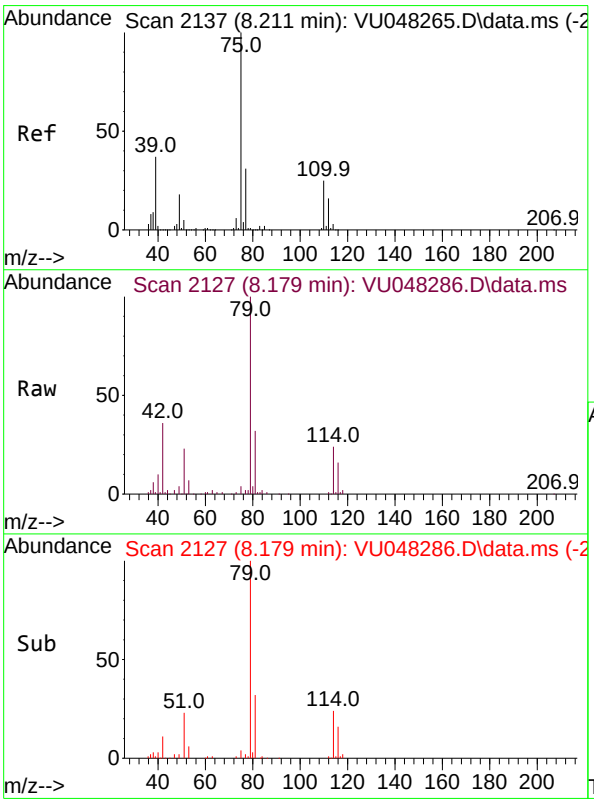
#39
cis-1,3-Dichloropropene
Concen: 1.052 ug/L
RT: 7.568 min Scan# 1
Delta R.T. -0.039 min
Lab File: VU048286.D
Acq: 25 Apr 2022 22:26

Instrument :
MSVOA_U
ClientSampleId :
EXES4

Tgt Ion: 75 Resp: 4719

Ion	Ratio	Lower	Upper
75	100		
77	57.3	22.0	41.0#

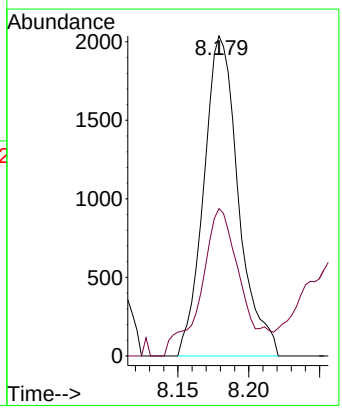


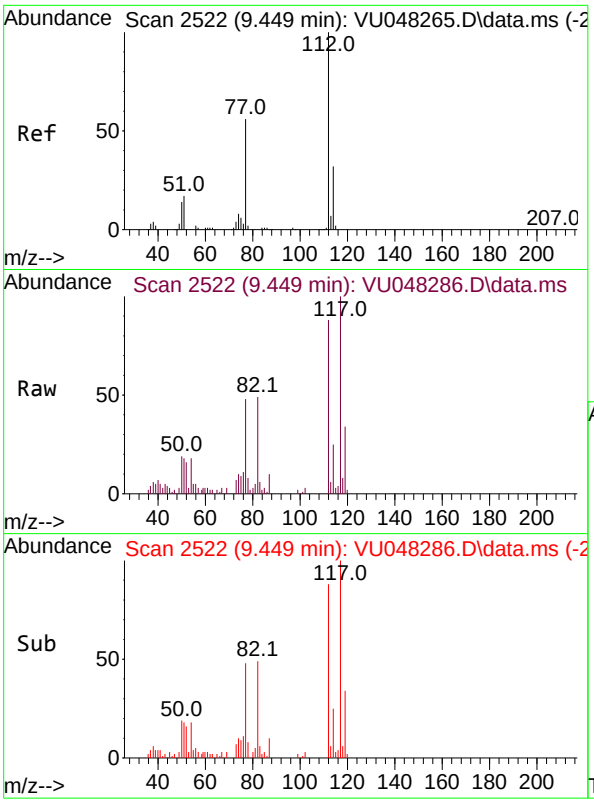


#44
trans-1,3-Dichloropropene
Concen: 0.790 ug/L
RT: 8.179 min Scan# 2127
Delta R.T. -0.032 min
Lab File: VU048286.D
Acq: 25 Apr 2022 22:26

Tgt Ion: 75 Resp: 3464

Ion	Ratio	Lower	Upper
75	100		
77	46.0	22.1	41.1#



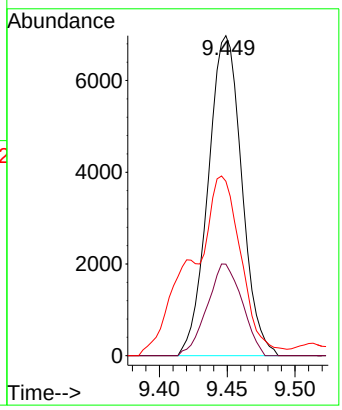


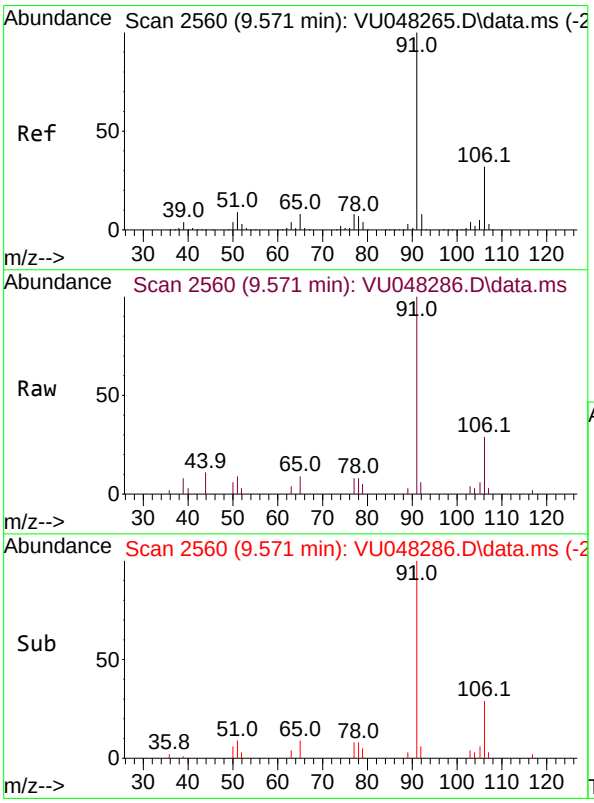
#51
Chlorobenzene
Concen: 1.418 ug/L
RT: 9.449 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU048286.D
Acq: 25 Apr 2022 22:26

Instrument :
MSVOA_U
ClientSampleId :
EXES4

Tgt Ion:112 Resp: 12037

Ion	Ratio	Lower	Upper
112	100		
114	28.6	22.7	42.1
77	54.5	44.3	66.5

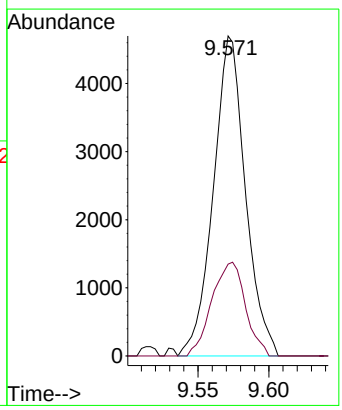


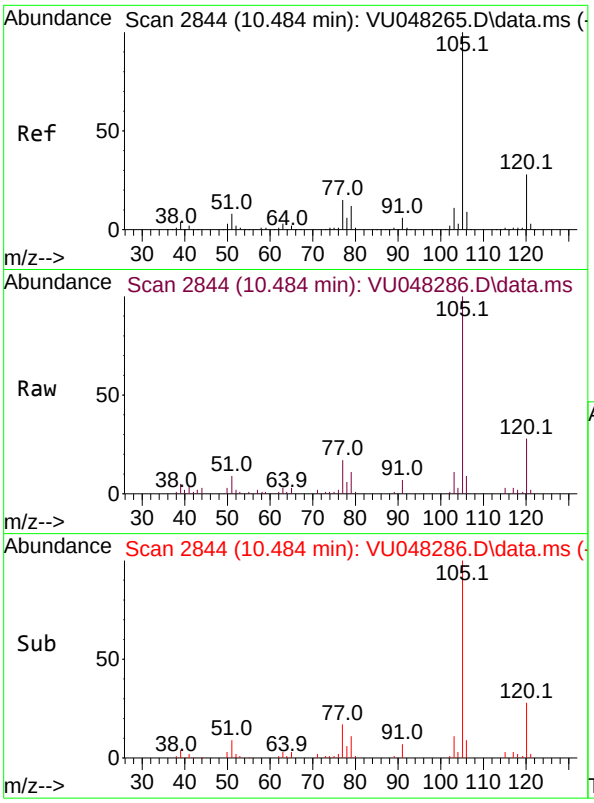


#52
Ethylbenzene
Concen: 0.606 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU048286.D
Acq: 25 Apr 2022 22:26

Tgt Ion: 91 Resp: 7393

Ion	Ratio	Lower	Upper
91	100		
106	28.7	22.5	41.9





#61
Isopropylbenzene
Concen: 2.639 ug/L
RT: 10.484 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU048286.D
Acq: 25 Apr 2022 22:26

Instrument :
MSVOA_U
ClientSampleId :
EXES4

Tgt Ion:105 Resp: 27510

Ion	Ratio	Lower	Upper
105	100		
120	28.0	21.7	32.5
77	17.2	11.7	17.5