Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111122\
Data File : VV028920.D
Acq On : 12 Nov 2022 09:57
Operator : SY/MD
Sample : N5602-18
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 54 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AH0

Quant Time: Nov 14 00:26:42 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Nov 12 03:43:58 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	311916	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	289602	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	148899	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	85201	4.480	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 89.600%			
7) Chloroethane-d5	1.564	69	81311	4.864	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.200%			
11) 1,1-Dichloroethene-d2	2.104	63	115217	3.325	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 66.400%			
20) 2-Butanone-d5	3.902	46	130469	40.987	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 81.980%			
24) Chloroform-d	4.342	84	184425	4.724	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.400%			
26) 1,2-Dichloroethane-d4	5.030	65	81636	4.647	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.000%			
32) Benzene-d6	5.046	84	381168	4.410	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.200%			
36) 1,2-Dichloropropane-d6	6.066	67	115172	4.771	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.400%			
41) Toluene-d8	7.310	98	351795	4.521	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.400%			
43) trans-1,3-Dichloroprop...	7.619	79	34473	4.379	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.600%			
46) 2-Hexanone-d5	8.085	63	174508	51.931	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 103.860%			
56) 1,1,2,2-Tetrachloroeth...	10.210	84	85203	5.091	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.800%			
66) 1,2-Dichlorobenzene-d4	11.615	152	135389	5.082	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.600%			
Target Compounds						Qvalue
13) Acetone	2.188	43	910706	444.758	ug/L	85
14) Carbon disulfide	2.291	76	38174	0.569	ug/L	100
15) Methyl Acetate	2.436	43	38754	7.799	ug/L #	83
19) 1,1-Dichloroethane	3.185	63	28480	0.796	ug/L	98
21) 2-Butanone	3.976	43	230637	72.752	ug/L	87
30) Cyclohexane	4.670	56	19635	0.568	ug/L	96
33) Benzene	5.098	78	60880	0.688	ug/L	100
35) Methylcyclohexane	6.124	83	68876	1.730	ug/L #	89
40) 4-Methyl-2-pentanone	7.223	43	168242	19.161	ug/L	92
42) Toluene	7.387	91	59162	0.619	ug/L	99
52) Ethylbenzene	9.011	91	20355	0.205	ug/L	98
53) m,p-Xylene	9.133	106	23231	0.587	ug/L	99
54) o-Xylene	9.538	106	18228	0.484	ug/L	99
62) 1,3,5-Trimethylbenzene	10.532	105	47082	0.575	ug/L	99
63) 1,2,4-Trimethylbenzene	10.908	105	49286	0.601	ug/L	97

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

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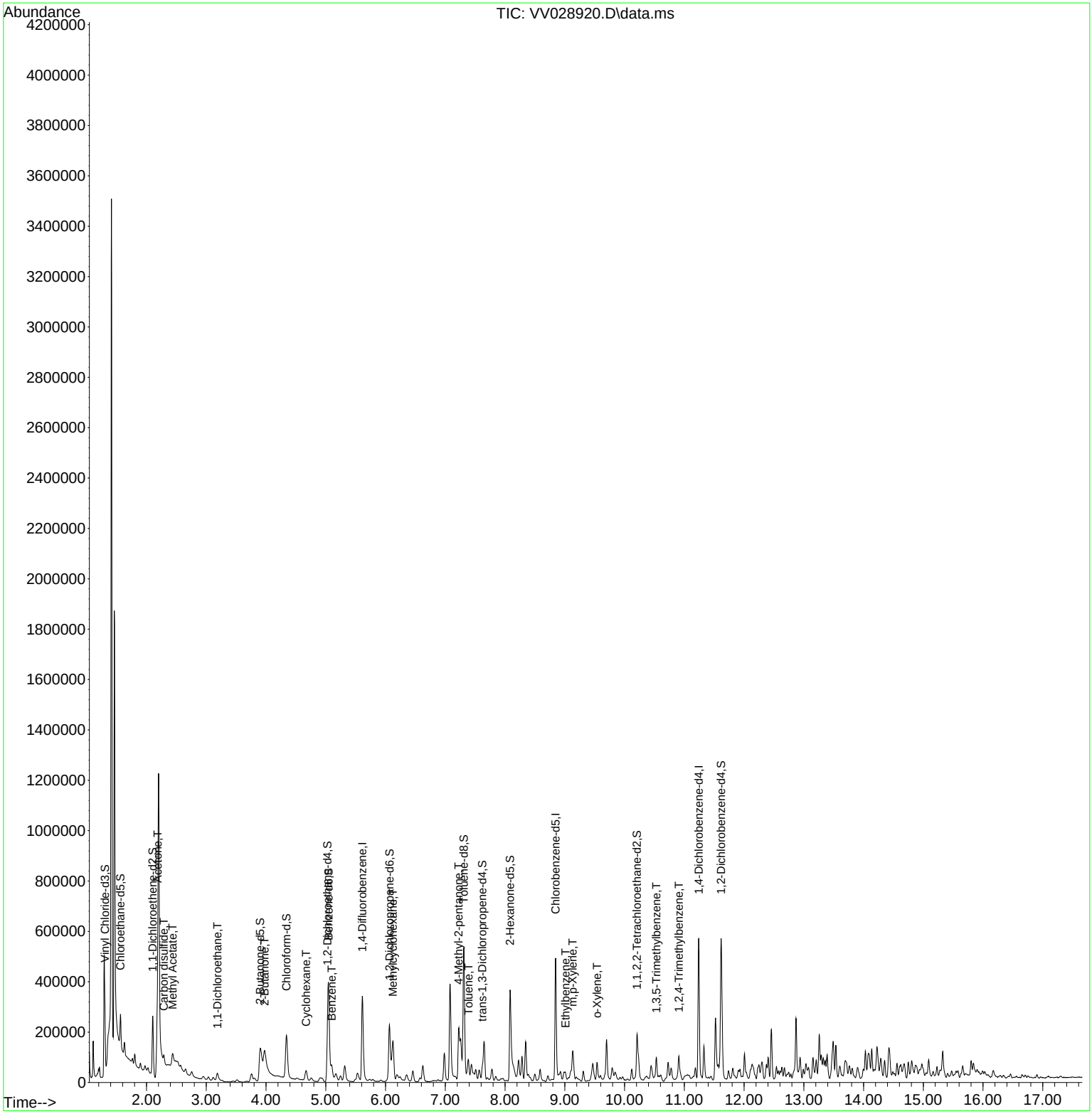
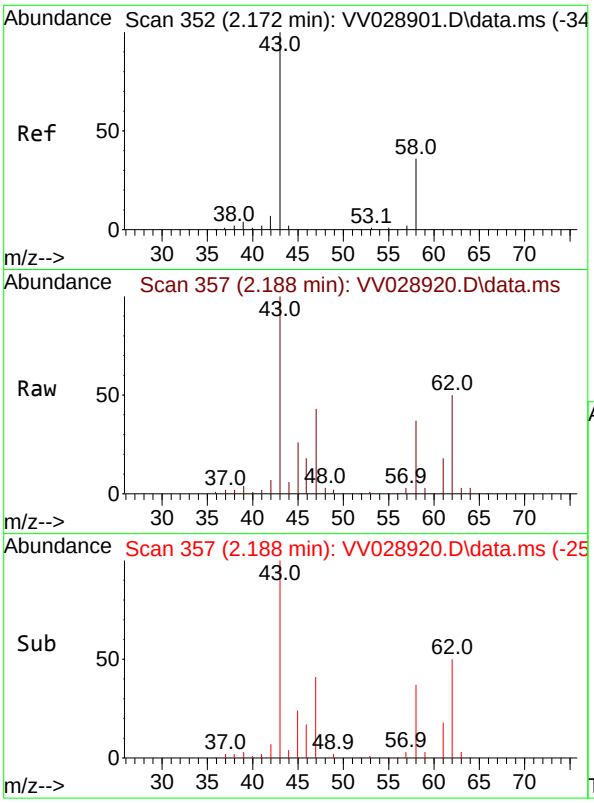


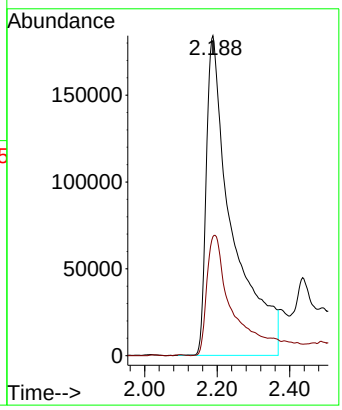


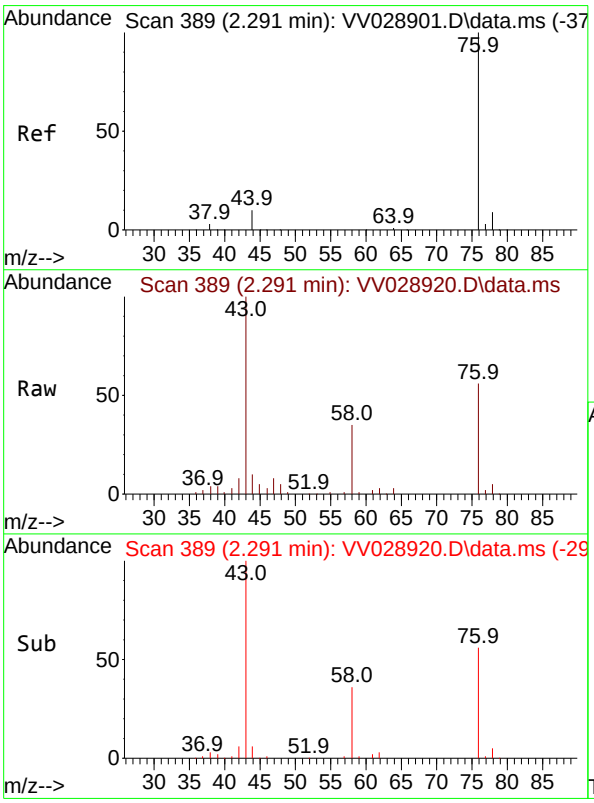
#13
Acetone
Concen: 444.758 ug/L
RT: 2.188 min Scan# 3
Delta R.T. 0.016 min
Lab File: VV028920.D
Acq: 12 Nov 2022 09:57

Instrument :
MSVOA_V
ClientSampleId :
C0AH0

Tgt Ion: 43 Resp: 910706

Ion	Ratio	Lower	Upper
43	100		
58	36.0	0.0	56.6

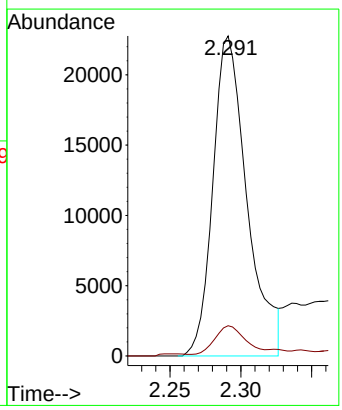


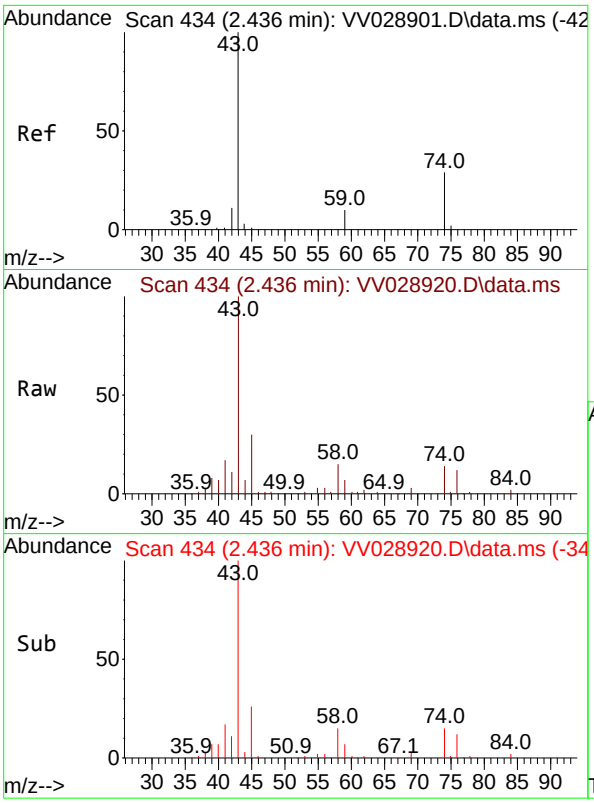


#14
Carbon disulfide
Concen: 0.569 ug/L
RT: 2.291 min Scan# 389
Delta R.T. -0.000 min
Lab File: VV028920.D
Acq: 12 Nov 2022 09:57

Tgt Ion: 76 Resp: 38174

Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.4	11.2



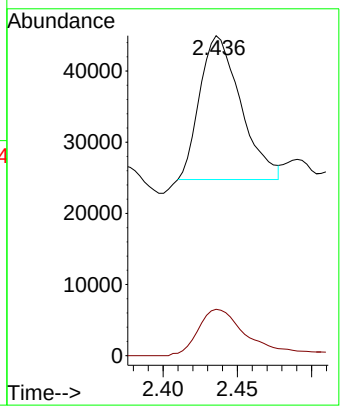


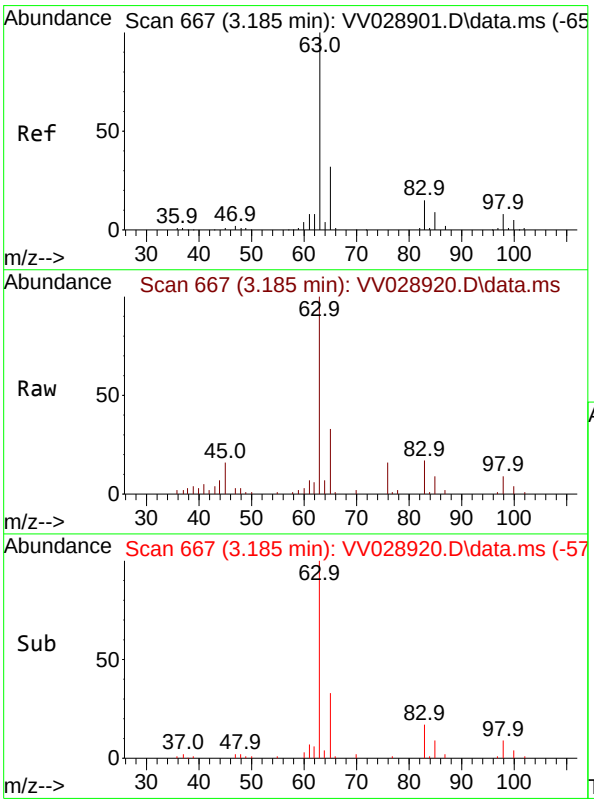
#15
Methyl Acetate
Concen: 7.799 ug/L
RT: 2.436 min Scan# 4
Delta R.T. -0.000 min
Lab File: VV028920.D
Acq: 12 Nov 2022 09:57

Instrument :
MSVOA_V
ClientSampleId :
C0AH0

Tgt Ion: 43 Resp: 38754

Ion	Ratio	Lower	Upper
43	100		
74	39.9	24.6	37.0#

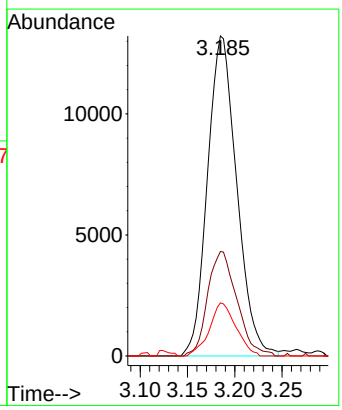


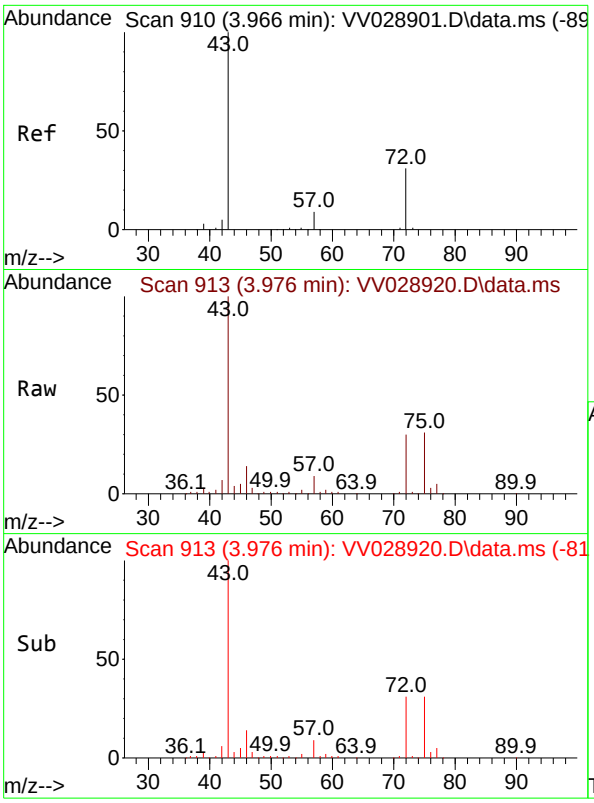


#19
1,1-Dichloroethane
Concen: 0.796 ug/L
RT: 3.185 min Scan# 667
Delta R.T. -0.000 min
Lab File: VV028920.D
Acq: 12 Nov 2022 09:57

Tgt Ion: 63 Resp: 28480

Ion	Ratio	Lower	Upper
63	100		
65	32.7	23.0	42.6
83	16.6	9.4	17.6



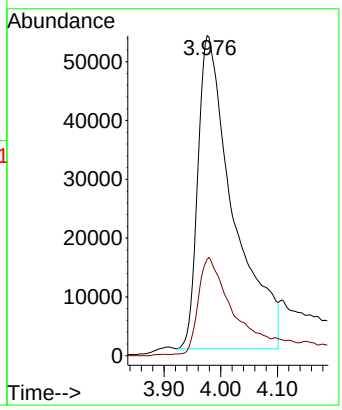


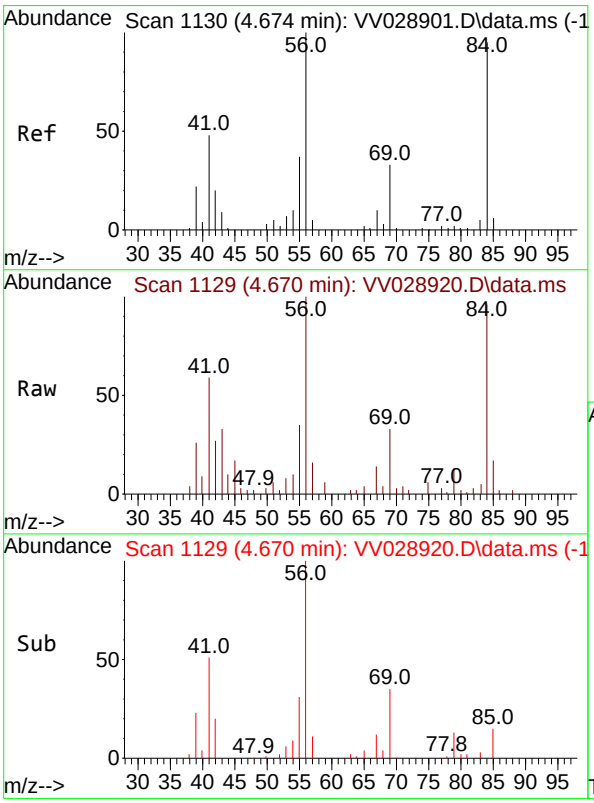
#21
2-Butanone
Concen: 72.752 ug/L
RT: 3.976 min Scan# 91
Delta R.T. 0.010 min
Lab File: VV028920.D
Acq: 12 Nov 2022 09:57

Instrument :
MSVOA_V
ClientSampleId :
C0AH0

Tgt Ion: 43 Resp: 230637

Ion	Ratio	Lower	Upper
43	100		
72	30.1	11.9	35.9

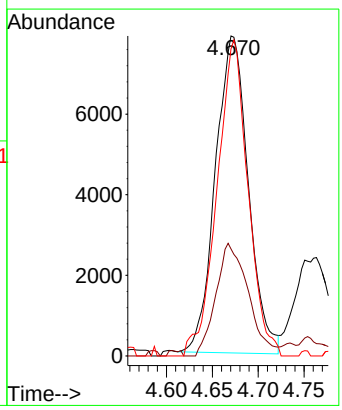


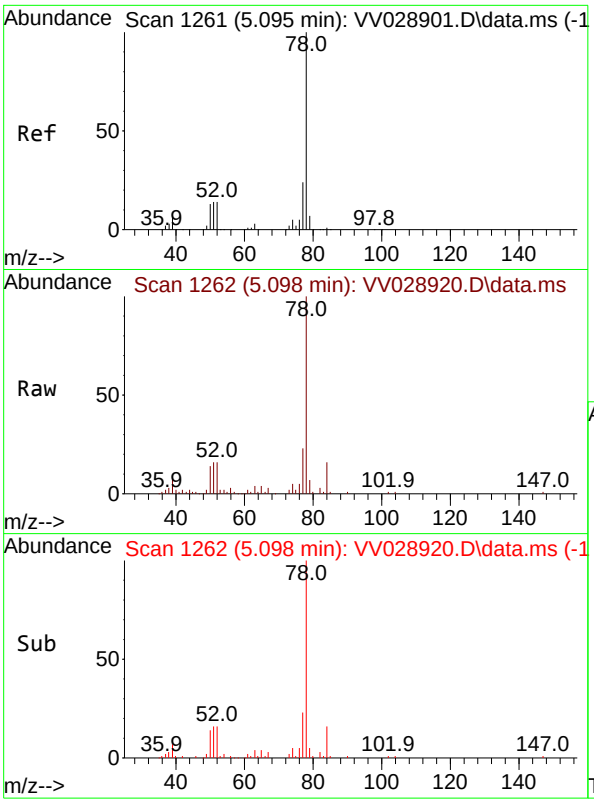


#30
Cyclohexane
Concen: 0.568 ug/L
RT: 4.670 min Scan# 1129
Delta R.T. -0.003 min
Lab File: VV028920.D
Acq: 12 Nov 2022 09:57

Tgt Ion: 56 Resp: 19635

Ion	Ratio	Lower	Upper
56	100		
69	34.9	26.1	39.1
84	93.8	77.9	116.9

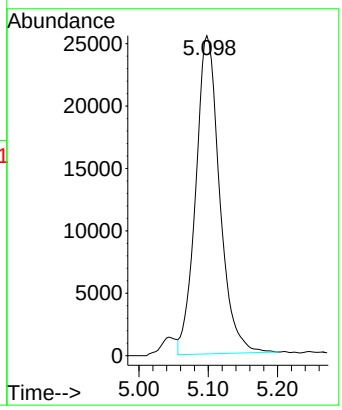


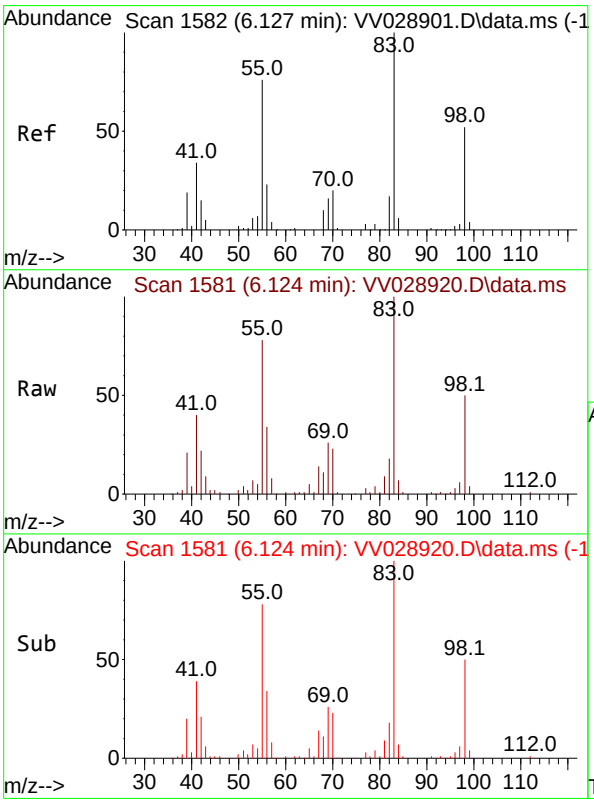


#33
Benzene
Concen: 0.688 ug/L
RT: 5.098 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV028920.D
Acq: 12 Nov 2022 09:57

Instrument :
MSVOA_V
ClientSampleId :
C0AH0

Tgt Ion: 78 Resp: 60880

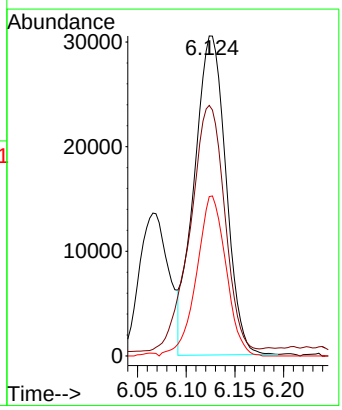


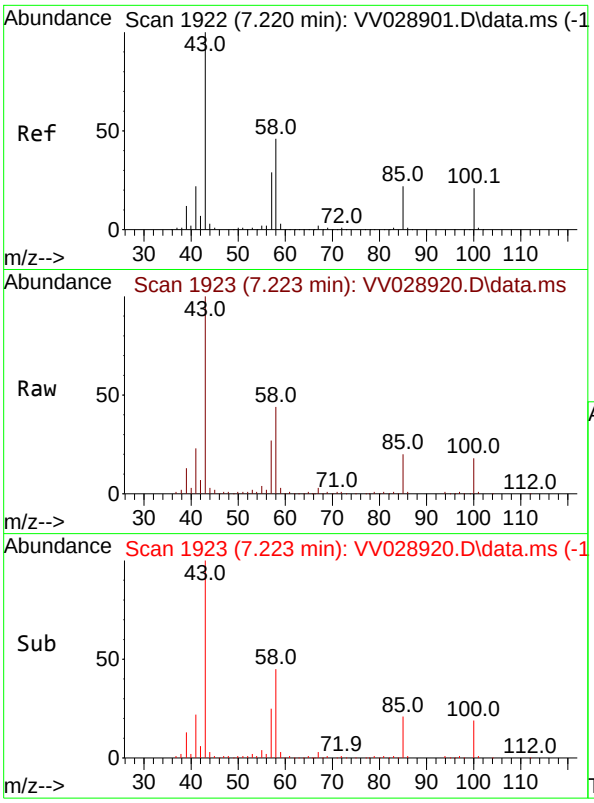


#35
Methylcyclohexane
Concen: 1.730 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. -0.003 min
Lab File: VV028920.D
Acq: 12 Nov 2022 09:57

Tgt Ion: 83 Resp: 68876

Ion	Ratio	Lower	Upper
83	100		
55	83.7	55.8	83.6#
98	46.7	38.2	57.2



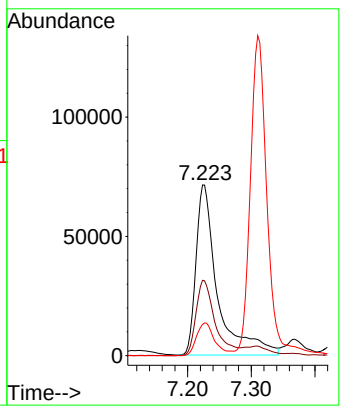


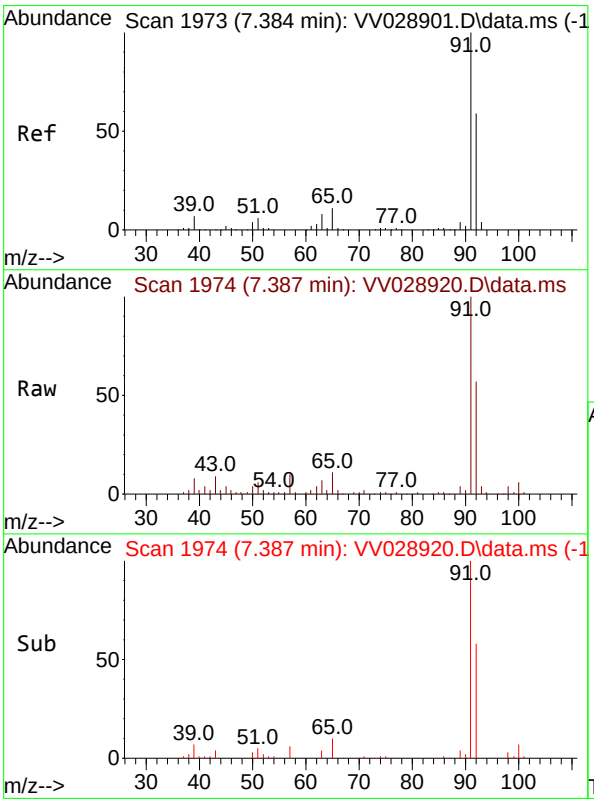
#40
4-Methyl-2-pentanone
Concen: 19.161 ug/L
RT: 7.223 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV028920.D
Acq: 12 Nov 2022 09:57

Instrument :
MSVOA_V
ClientSampleId :
C0AH0

Tgt Ion: 43 Resp: 168242

Ion	Ratio	Lower	Upper
43	100		
58	39.2	36.6	55.0
100	16.5	14.5	21.7

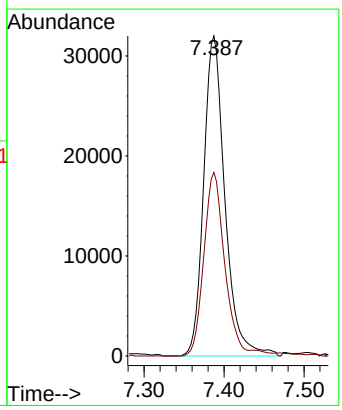


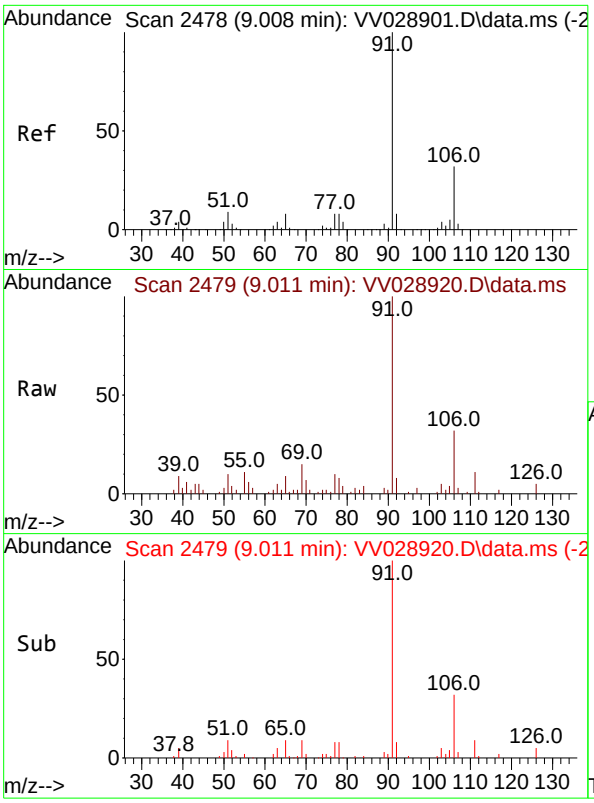


#42
Toluene
Concen: 0.619 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. 0.003 min
Lab File: VV028920.D
Acq: 12 Nov 2022 09:57

Tgt Ion: 91 Resp: 59162

Ion	Ratio	Lower	Upper
91	100		
92	57.3	40.7	75.5



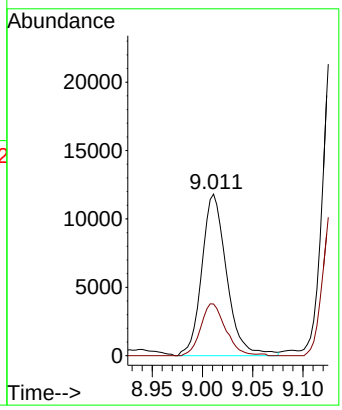


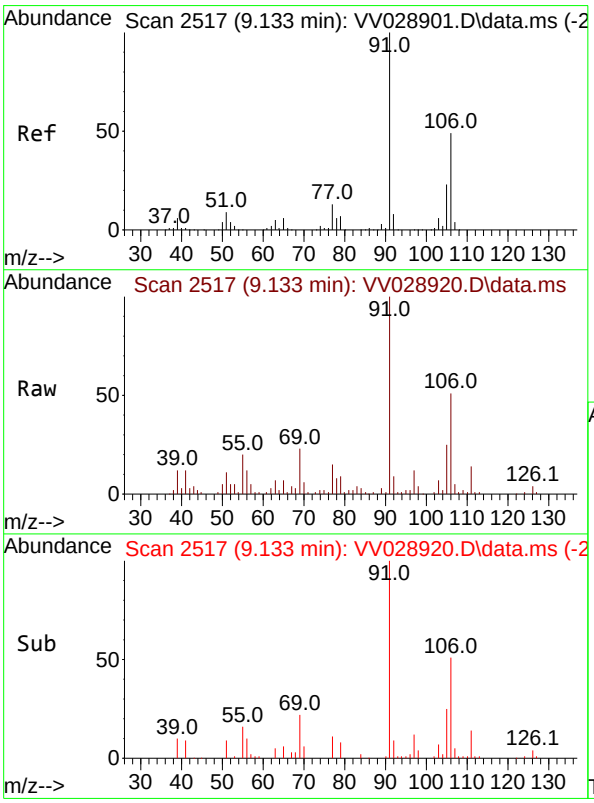
#52
Ethylbenzene
Concen: 0.205 ug/L
RT: 9.011 min Scan# 24
Delta R.T. 0.003 min
Lab File: VV028920.D
Acq: 12 Nov 2022 09:57

Instrument :
MSVOA_V
ClientSampleId :
C0AH0

Tgt Ion: 91 Resp: 20355

Ion	Ratio	Lower	Upper
91	100		
106	32.0	21.6	40.2

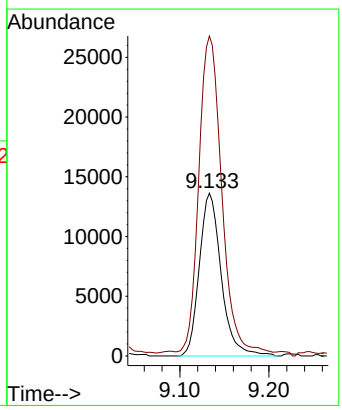


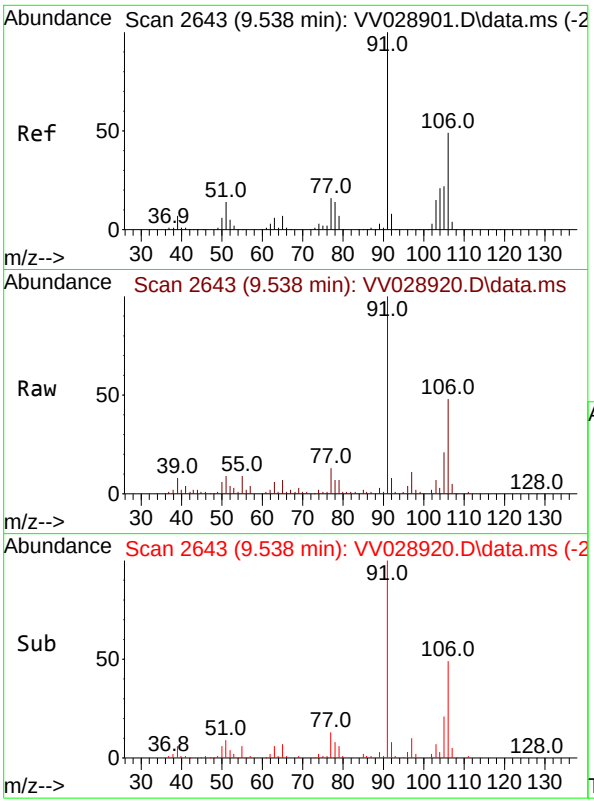


#53
m,p-Xylene
Concen: 0.587 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. -0.000 min
Lab File: VV028920.D
Acq: 12 Nov 2022 09:57

Tgt Ion:106 Resp: 23231

Ion	Ratio	Lower	Upper
106	100		
91	196.6	139.1	258.3



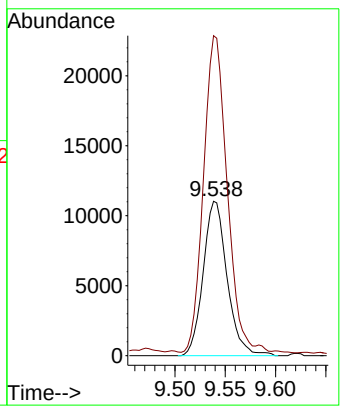


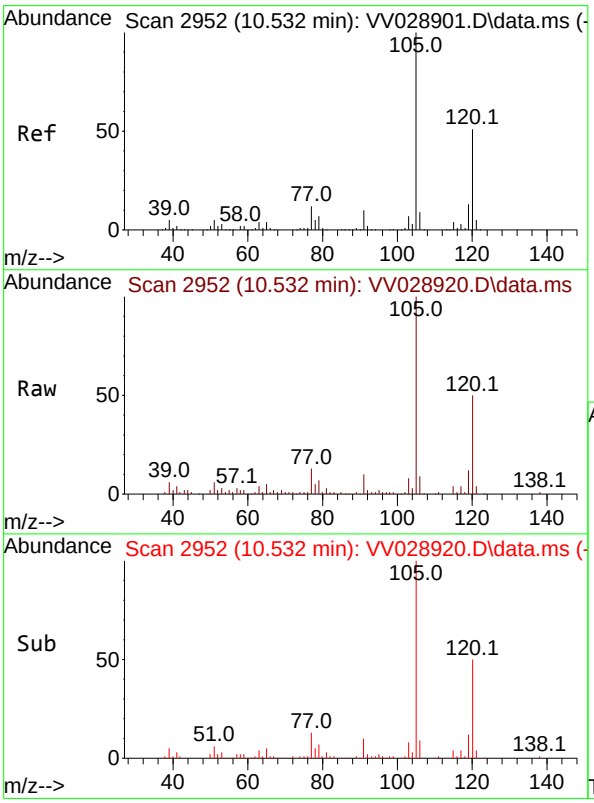
#54
o-Xylene
Concen: 0.484 ug/L
RT: 9.538 min Scan# 2
Delta R.T. -0.000 min
Lab File: VV028920.D
Acq: 12 Nov 2022 09:57

Instrument :
MSVOA_V
ClientSampleId :
C0AH0

Tgt Ion:106 Resp: 18228

Ion	Ratio	Lower	Upper
106	100		
91	207.2	145.7	270.7

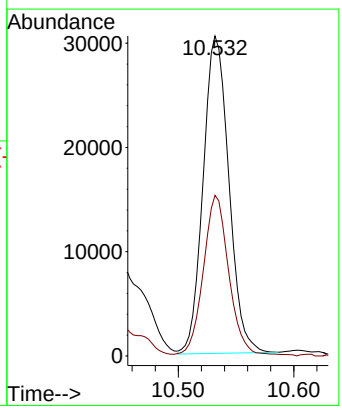


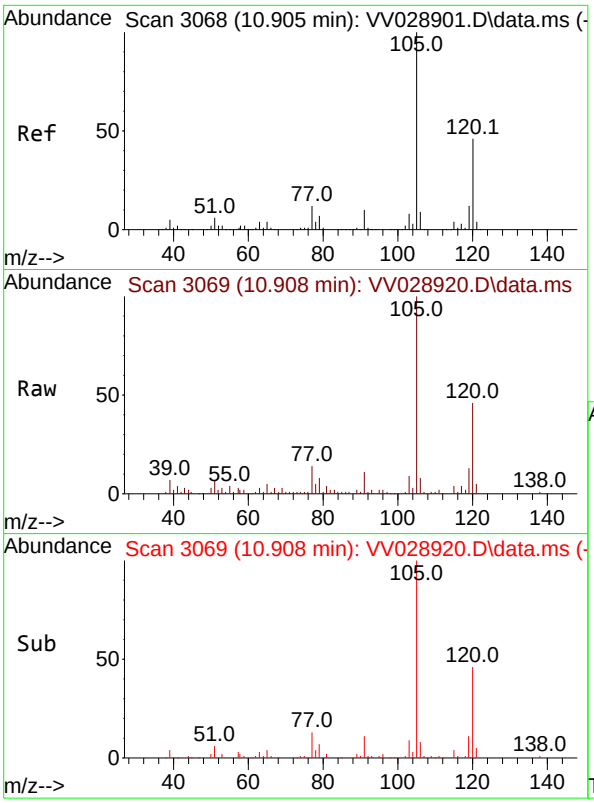


#62
1,3,5-Trimethylbenzene
Concen: 0.575 ug/L
RT: 10.532 min Scan# 2952
Delta R.T. -0.000 min
Lab File: VV028920.D
Acq: 12 Nov 2022 09:57

Tgt Ion:105 Resp: 47082

Ion	Ratio	Lower	Upper
105	100		
120	50.6	39.9	59.9





#63
1,2,4-Trimethylbenzene
Concen: 0.601 ug/L
RT: 10.908 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV028920.D
Acq: 12 Nov 2022 09:57

Instrument :
MSVOA_V
ClientSampleId :
C0AH0

Tgt Ion:105 Resp: 49286

Ion	Ratio	Lower	Upper
105	100		
120	45.3	37.8	56.8