Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111122\
Data File : VV028919.D
Acq On : 12 Nov 2022 09:32
Operator : SY/MD
Sample : N5602-17
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 53 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AG9

Quant Time: Nov 14 00:26:29 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	5.583	114	223303	5.000	ug/L	-0.03
28) Chlorobenzene-d5	8.853	117	270298	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	137694	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.297	65	74514	5.473	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 109.400%			
7) Chloroethane-d5	1.561	69	72408	6.050	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 121.000%			
11) 1,1-Dichloroethene-d2	2.098	63	98522	3.971	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 79.400%			
20) 2-Butanone-d5	3.966	46	117191	51.425	ug/L	0.08
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.860%			
24) Chloroform-d	4.336	84	153393	5.488	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 109.800%			
26) 1,2-Dichloroethane-d4	5.030	65	71371	5.675	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 113.600%			
32) Benzene-d6	5.034	84	327556	4.060	ug/L	-0.01
Spiked Amount 5.000	Range 70 - 125		Recovery = 81.200%			
36) 1,2-Dichloropropane-d6	6.040	67	78857	3.500	ug/L	-0.03
Spiked Amount 5.000	Range 60 - 140		Recovery = 70.000%			
41) Toluene-d8	7.317	98	334475	4.605	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.200%			
43) trans-1,3-Dichloroprop...	7.632	79	21839	2.972	ug/L	0.01
Spiked Amount 5.000	Range 55 - 130		Recovery = 59.400%			
46) 2-Hexanone-d5	8.117	63	135703	43.267	ug/L	0.03
Spiked Amount 50.000	Range 45 - 130		Recovery = 86.540%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	75816	4.854	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.000%			
66) 1,2-Dichlorobenzene-d4	11.619	152	126431	5.132	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.600%			
Target Compounds						Qvalue
3) Chloromethane	1.233	50	2917	0.189	ug/L	90
8) Chloroethane	1.410	64	2420	0.234	ug/L #	68
13) Acetone	2.256	43	9955	6.791	ug/L	74
14) Carbon disulfide	2.281	76	3402	0.071	ug/L #	91
15) Methyl Acetate	2.410	43	1484	0.417	ug/L #	44
19) 1,1-Dichloroethane	3.178	63	1270	0.050	ug/L	93
22) cis-1,2-Dichloroethene	3.899	96	1633	0.102	ug/L	96
33) Benzene	5.085	78	9332	0.113	ug/L	100
40) 4-Methyl-2-pentanone	7.175	43	14331	1.749	ug/L #	41
53) m,p-Xylene	9.143	106	2805	0.076	ug/L	99
61) 1,2,3-Trichloropropane	11.242	75	15505	1.648	ug/L #	63
62) 1,3,5-Trimethylbenzene	10.538	105	2665	0.035	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	5581	0.074	ug/L	93
71) Naphthalene	13.496	128	14397	0.455	ug/L #	94

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

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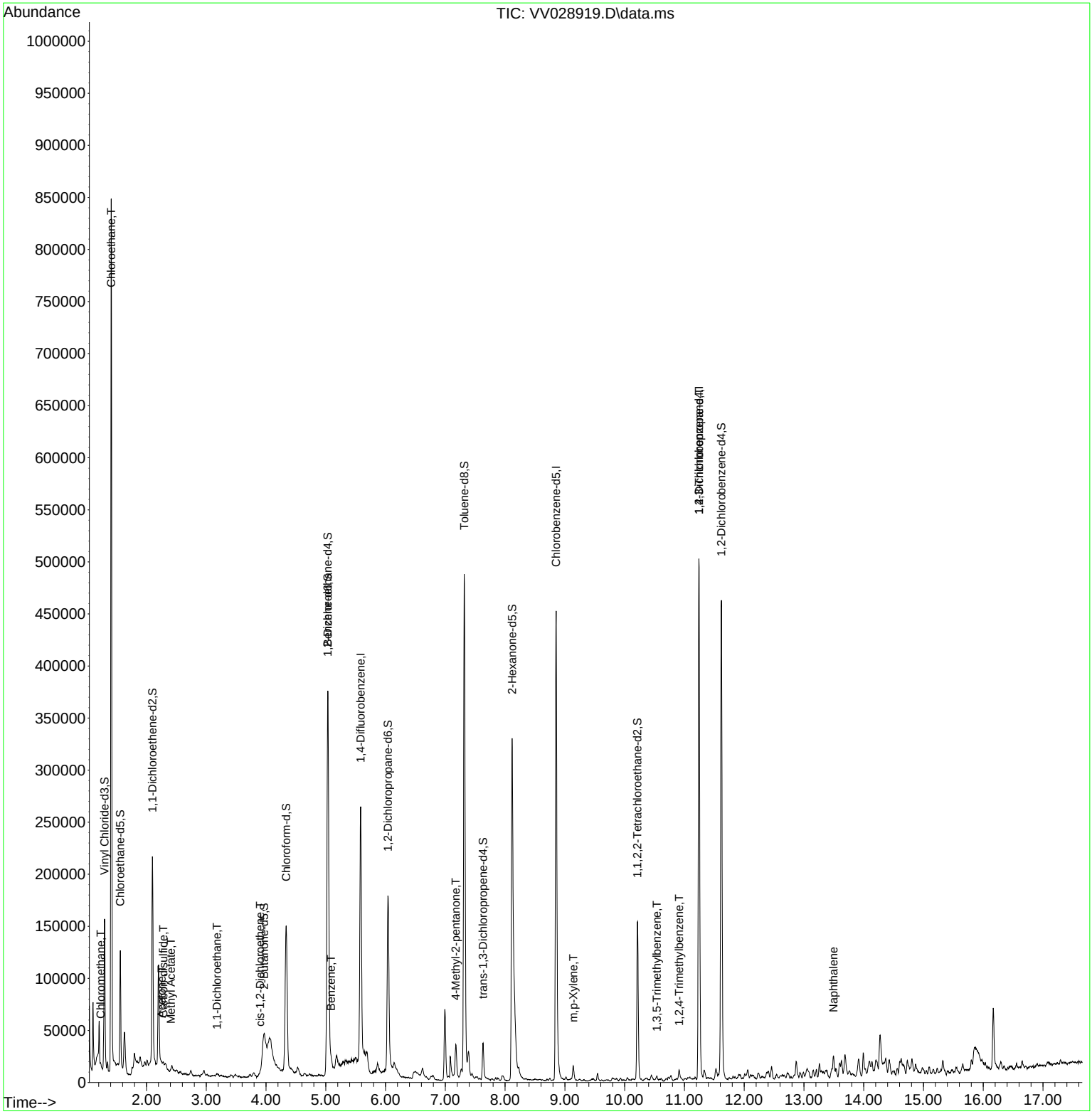
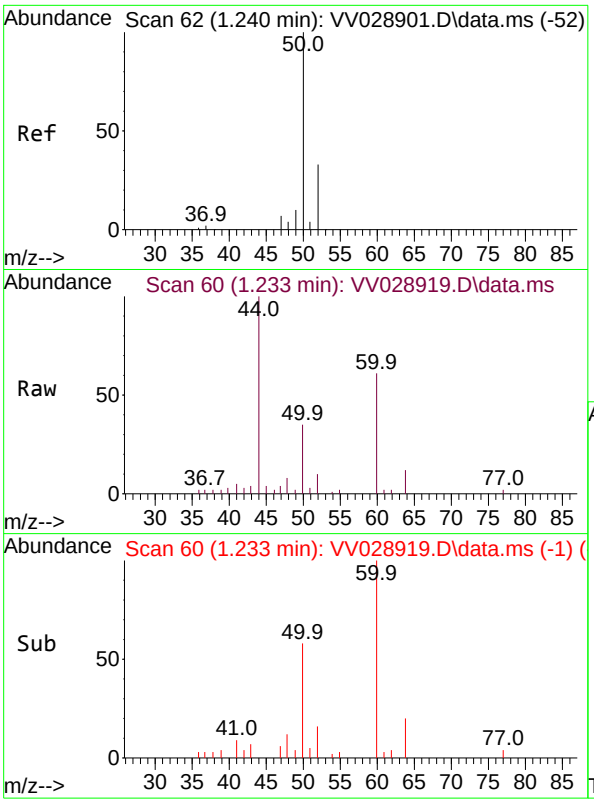
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Nov 12 03:43:58 2022
Response via : Initial Calibration



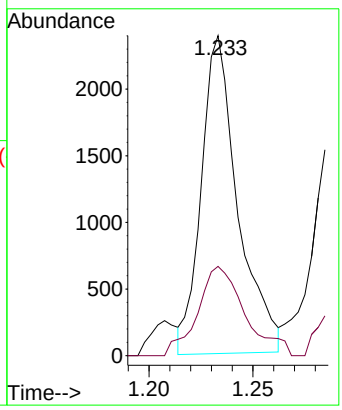


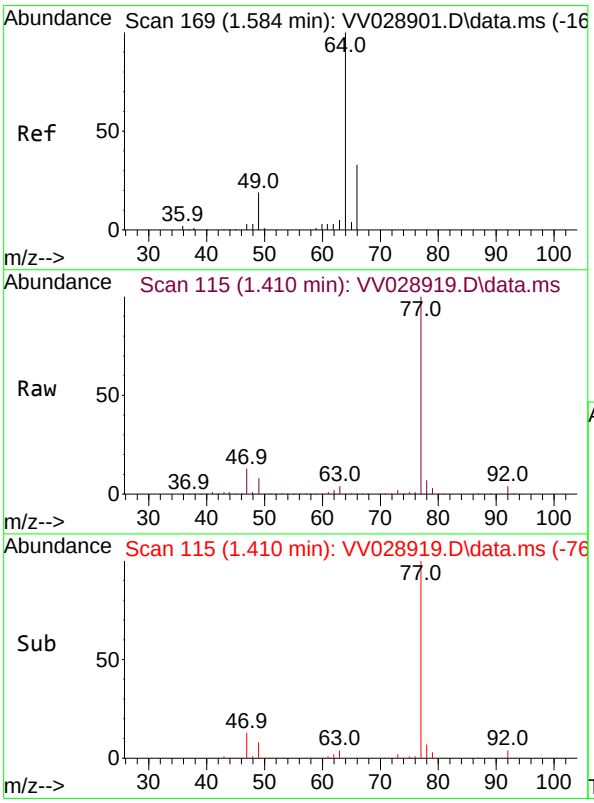
#3
Chloromethane
Concen: 0.189 ug/L
RT: 1.233 min Scan# 6
Delta R.T. -0.006 min
Lab File: VV028919.D
Acq: 12 Nov 2022 09:32

Instrument :
MSVOA_V
ClientSampleId :
C0AG9

Tgt Ion: 50 Resp: 2917

Ion	Ratio	Lower	Upper
50	100		
52	27.9	23.7	43.9

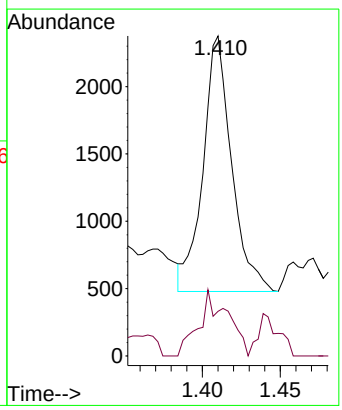


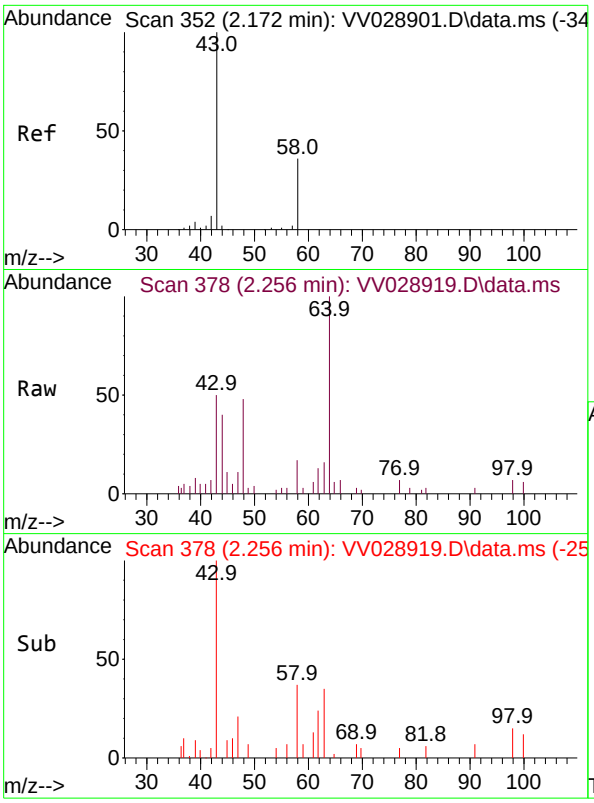


#8
Chloroethane
Concen: 0.234 ug/L
RT: 1.410 min Scan# 115
Delta R.T. -0.174 min
Lab File: VV028919.D
Acq: 12 Nov 2022 09:32

Tgt Ion: 64 Resp: 2420

Ion	Ratio	Lower	Upper
64	100		
66	14.0	22.0	40.8#



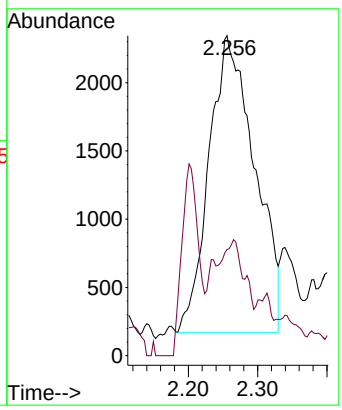


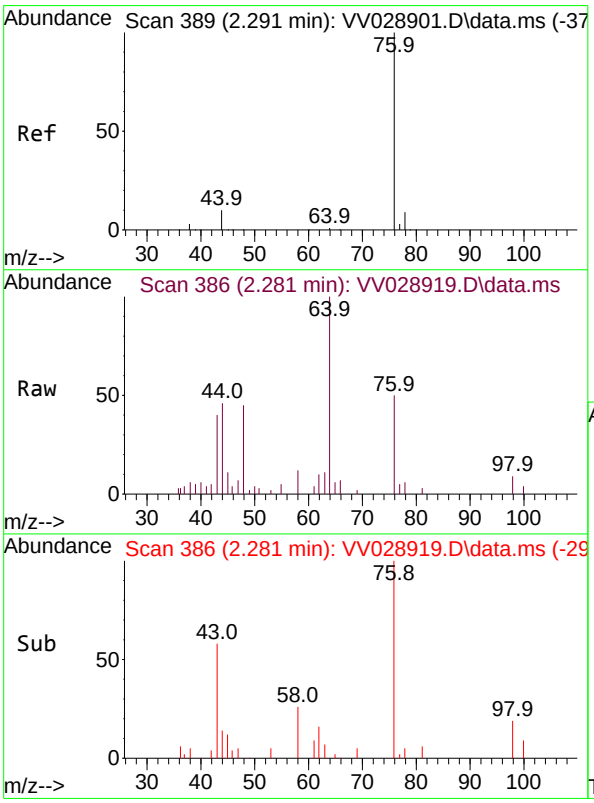
#13
Acetone
Concen: 6.791 ug/L
RT: 2.256 min Scan# 3
Delta R.T. 0.084 min
Lab File: VV028919.D
Acq: 12 Nov 2022 09:32

Instrument :
MSVOA_V
ClientSampleId :
C0AG9

Tgt Ion: 43 Resp: 9955

Ion	Ratio	Lower	Upper
43	100		
58	14.5	0.0	56.6

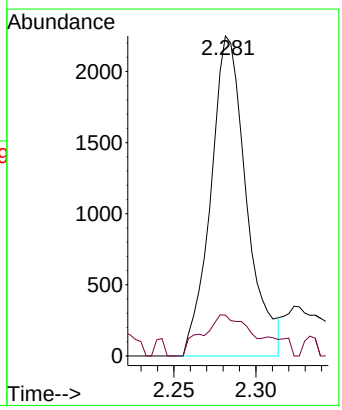


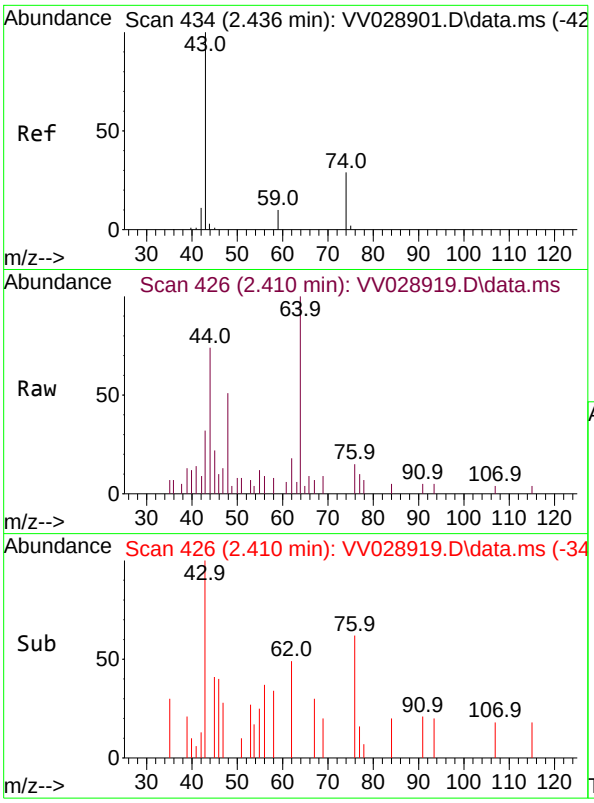


#14
Carbon disulfide
Concen: 0.071 ug/L
RT: 2.281 min Scan# 386
Delta R.T. -0.010 min
Lab File: VV028919.D
Acq: 12 Nov 2022 09:32

Tgt Ion: 76 Resp: 3402

Ion	Ratio	Lower	Upper
76	100		
78	12.7	7.4	11.2#



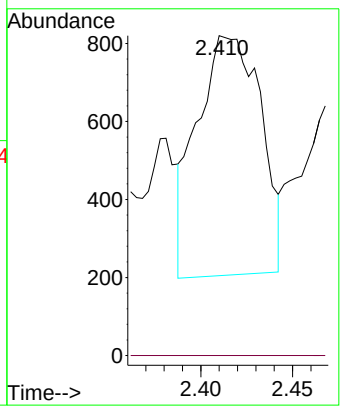


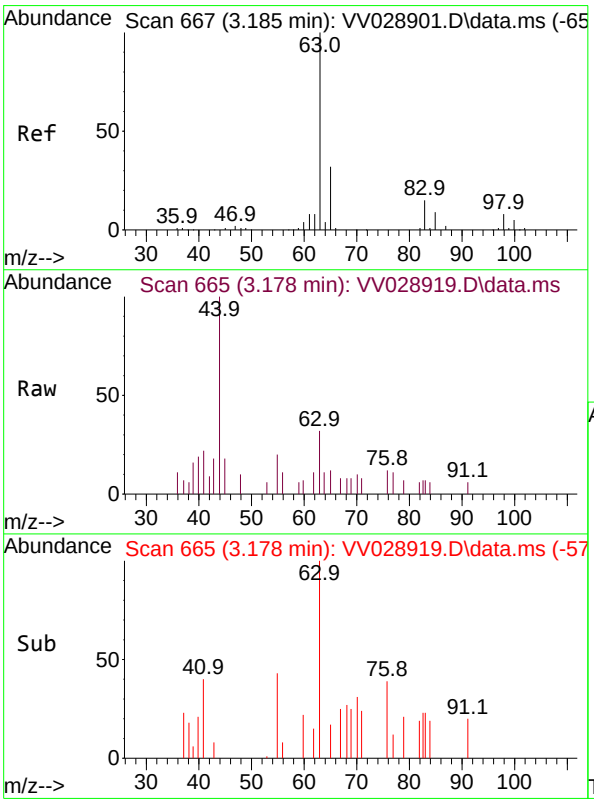
#15
Methyl Acetate
Concen: 0.417 ug/L
RT: 2.410 min Scan# 4
Delta R.T. -0.026 min
Lab File: VV028919.D
Acq: 12 Nov 2022 09:32

Instrument :
MSVOA_V
ClientSampleId :
C0AG9

Tgt Ion: 43 Resp: 1484

Ion	Ratio	Lower	Upper
43	100		
74	0.0	24.6	37.0#

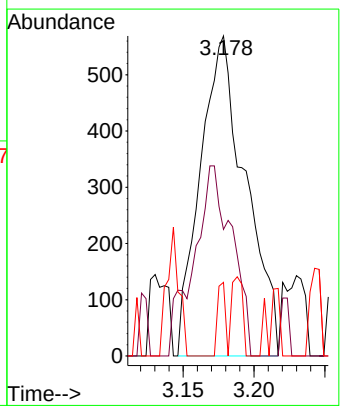


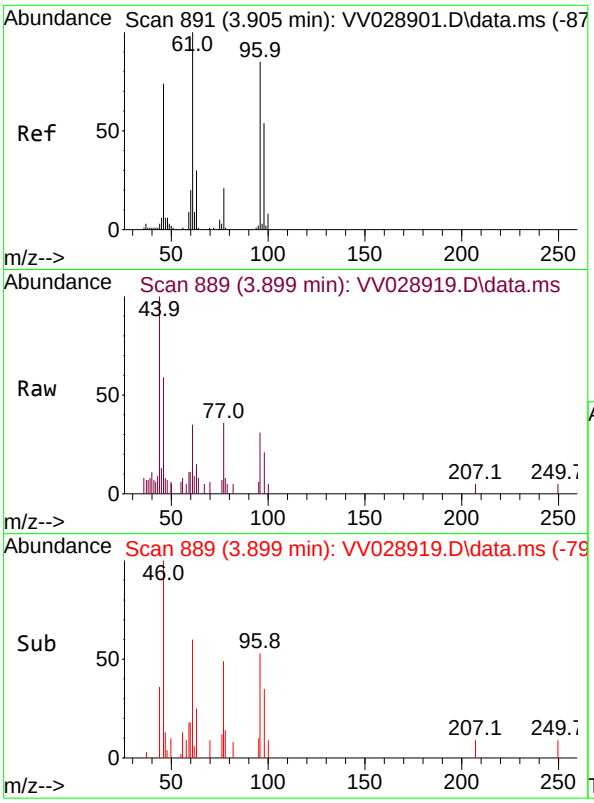


#19
1,1-Dichloroethane
Concen: 0.050 ug/L
RT: 3.178 min Scan# 665
Delta R.T. -0.007 min
Lab File: VV028919.D
Acq: 12 Nov 2022 09:32

Tgt Ion: 63 Resp: 1270

Ion	Ratio	Lower	Upper
63	100		
65	29.1	23.0	42.6
83	16.9	9.4	17.6



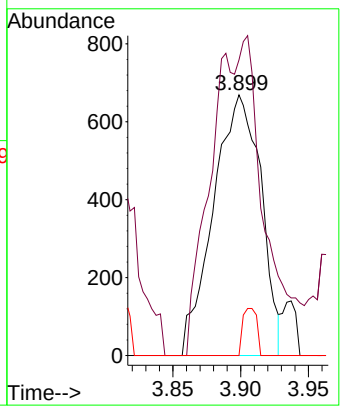


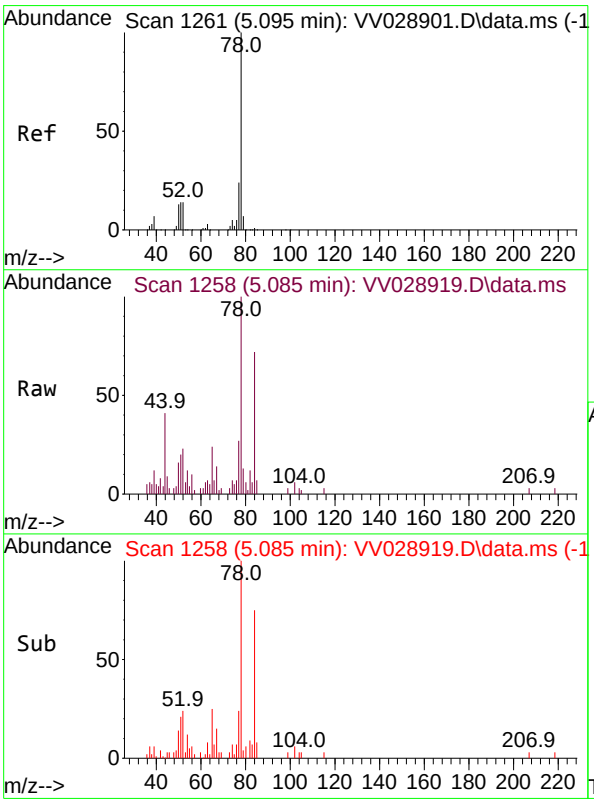
#22
cis-1,2-Dichloroethene
Concen: 0.102 ug/L
RT: 3.899 min Scan# 8
Delta R.T. -0.007 min
Lab File: VV028919.D
Acq: 12 Nov 2022 09:32

Instrument :
MSVOA_V
ClientSampleId :
C0AG9

Tgt Ion: 96 Resp: 1633

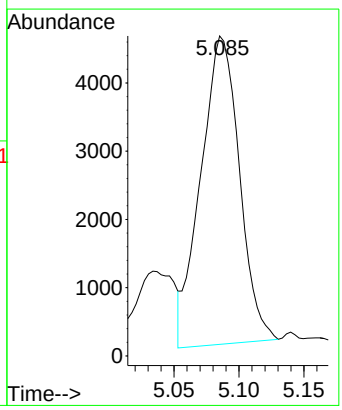
Ion	Ratio	Lower	Upper
96	100		
61	113.5	82.3	152.9
68	0.0	0.0	0.0

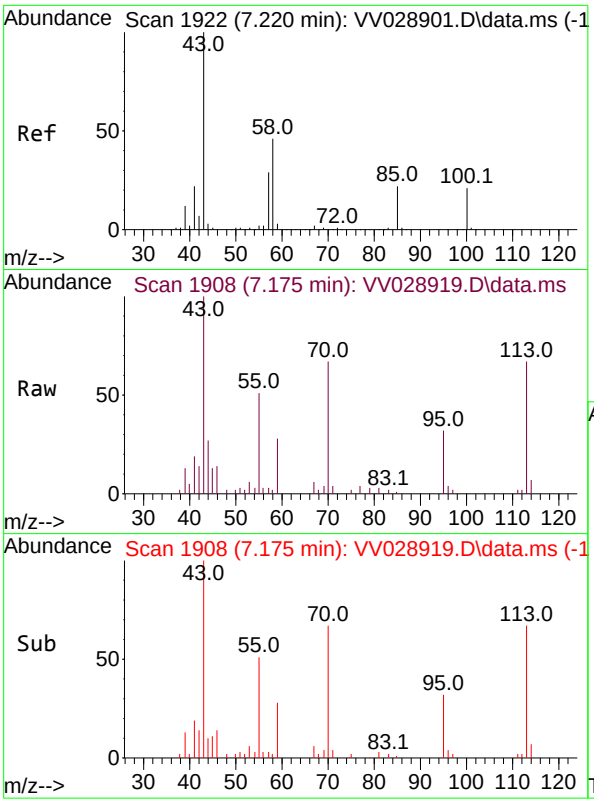




#33
Benzene
Concen: 0.113 ug/L
RT: 5.085 min Scan# 1258
Delta R.T. -0.010 min
Lab File: VV028919.D
Acq: 12 Nov 2022 09:32

Tgt Ion: 78 Resp: 9332



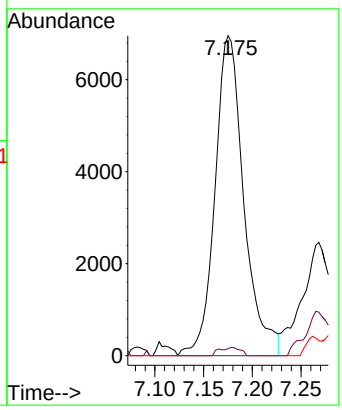


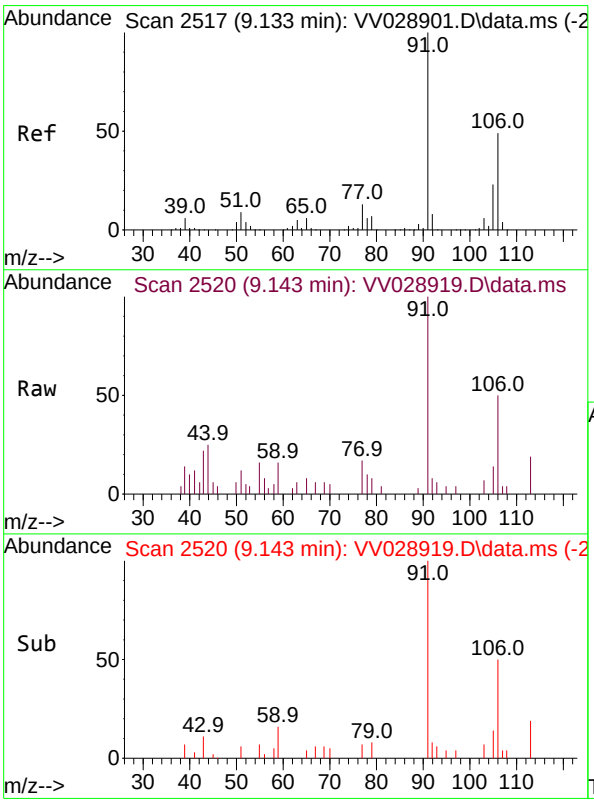
#40
4-Methyl-2-pentanone
Concen: 1.749 ug/L
RT: 7.175 min Scan# 1
Delta R.T. -0.045 min
Lab File: VV028919.D
Acq: 12 Nov 2022 09:32

Instrument :
MSVOA_V
ClientSampleId :
C0AG9

Tgt Ion: 43 Resp: 14331

Ion	Ratio	Lower	Upper
43	100		
58	1.9	36.6	55.0#
100	0.0	14.5	21.7#

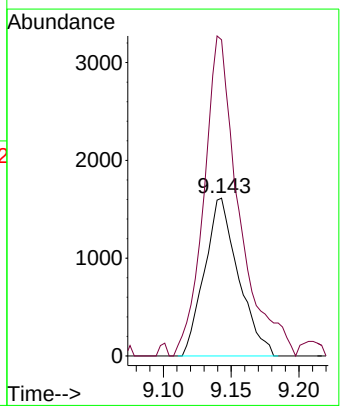


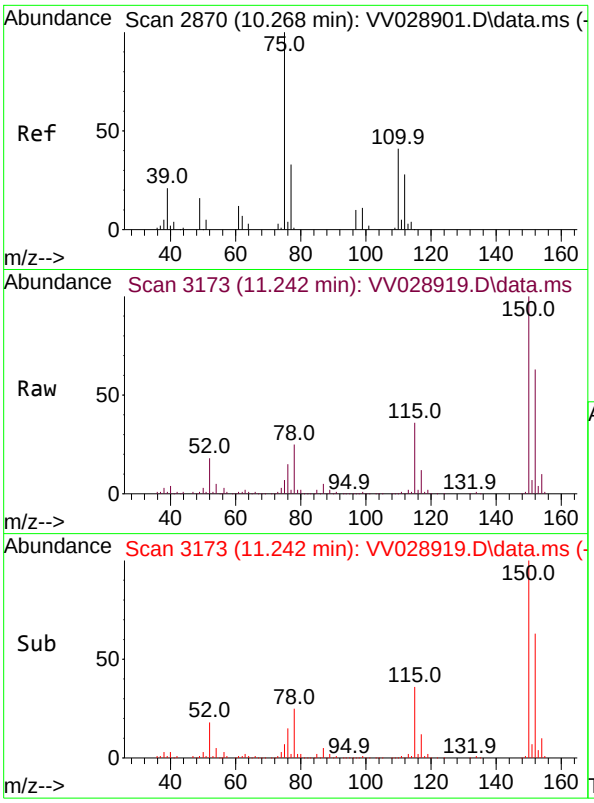


#53
m,p-Xylene
Concen: 0.076 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.010 min
Lab File: VV028919.D
Acq: 12 Nov 2022 09:32

Tgt Ion:106 Resp: 2805

Ion	Ratio	Lower	Upper
106	100		
91	200.2	139.1	258.3



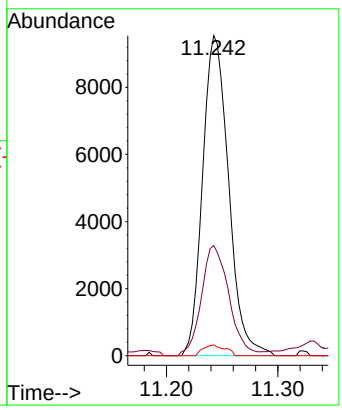


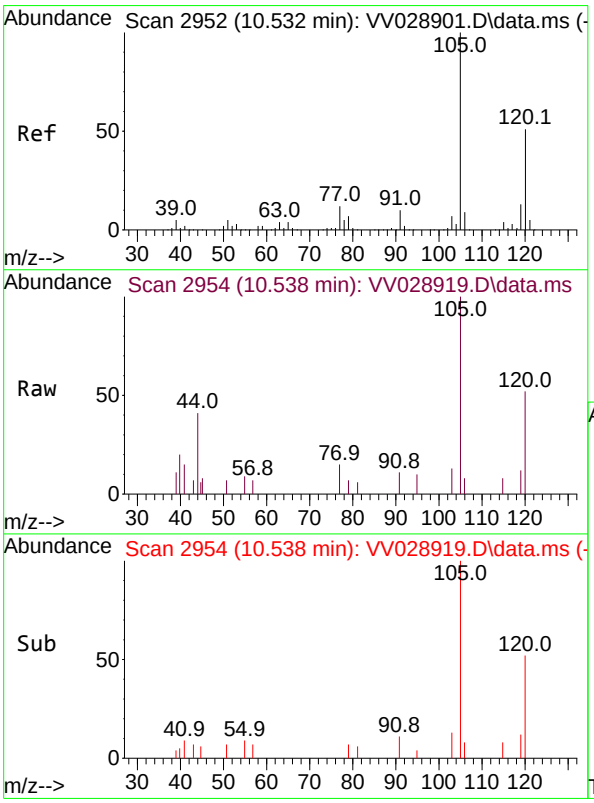
#61
1,2,3-Trichloropropane
Concen: 1.648 ug/L
RT: 11.242 min Scan# 3
Delta R.T. 0.974 min
Lab File: VV028919.D
Acq: 12 Nov 2022 09:32

Instrument :
MSVOA_V
ClientSampleId :
C0AG9

Tgt Ion: 75 Resp: 15505

Ion	Ratio	Lower	Upper
75	100		
77	36.4	26.2	39.2
110	2.9	32.6	48.8#

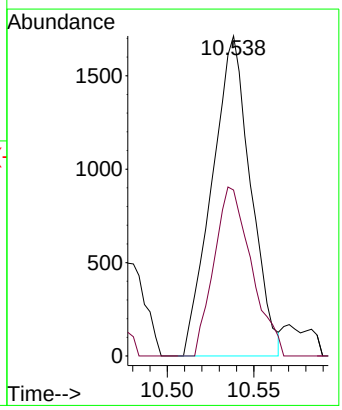


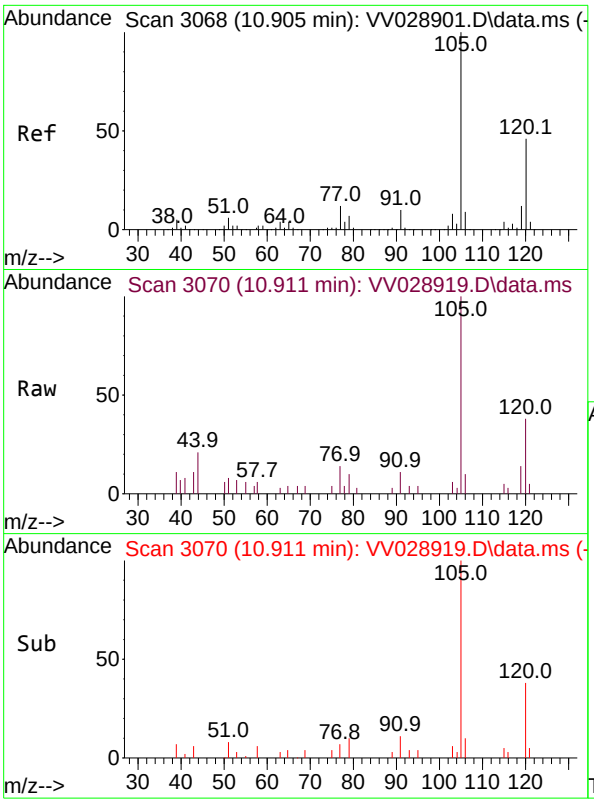


#62
1,3,5-Trimethylbenzene
Concen: 0.035 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.006 min
Lab File: VV028919.D
Acq: 12 Nov 2022 09:32

Tgt Ion:105 Resp: 2665

Ion	Ratio	Lower	Upper
105	100		
120	51.0	39.9	59.9



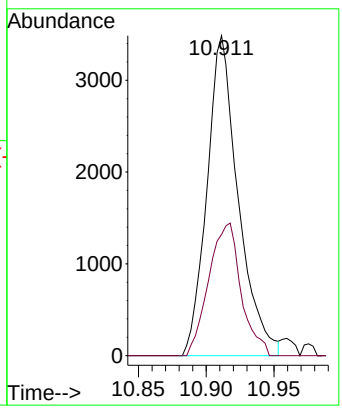


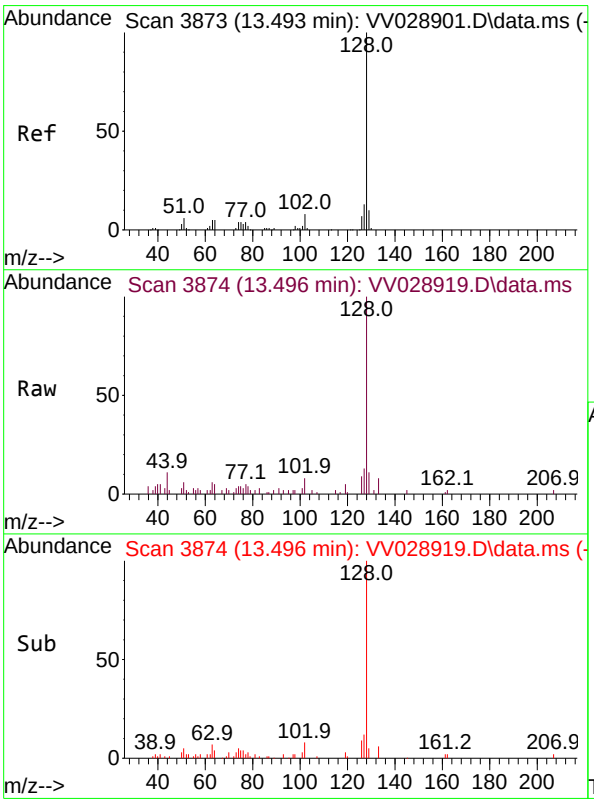
#63
1,2,4-Trimethylbenzene
Concen: 0.074 ug/L
RT: 10.911 min Scan# 3
Delta R.T. 0.006 min
Lab File: VV028919.D
Acq: 12 Nov 2022 09:32

Instrument :
MSVOA_V
ClientSampleId :
C0AG9

Tgt Ion:105 Resp: 5581

Ion	Ratio	Lower	Upper
105	100		
120	42.7	37.8	56.8





#71
Naphthalene
Concen: 0.455 ug/L
RT: 13.496 min Scan# 3874
Delta R.T. 0.003 min
Lab File: VV028919.D
Acq: 12 Nov 2022 09:32

Tgt Ion:128 Resp: 14397

Ion	Ratio	Lower	Upper
128	100		
129	14.8	8.8	13.2#
127	13.2	9.8	14.8