Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111822\
Data File : VV029117.D
Acq On : 18 Nov 2022 14:46
Operator : SY/MD
Sample : N5687-14
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Nov 18 23:34:16 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 18 04:35:43 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	279199	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	260449	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	113804	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	74521	4.378	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 87.600%			
7) Chloroethane-d5	1.568	69	68047	4.547	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.000%			
11) 1,1-Dichloroethene-d2	2.105	63	105394	3.398	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 68.000%			
20) 2-Butanone-d5	3.892	46	196588	68.995	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 138.000%#			
24) Chloroform-d	4.342	84	170433	4.877	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.600%			
26) 1,2-Dichloroethane-d4	5.027	65	85324	5.427	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 108.600%			
32) Benzene-d6	5.043	84	356004	4.579	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.600%			
36) 1,2-Dichloropropane-d6	6.066	67	113887	5.246	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 105.000%			
41) Toluene-d8	7.310	98	323571	4.624	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.400%			
43) trans-1,3-Dichloroprop...	7.622	79	35448	5.007	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 100.200%			
46) 2-Hexanone-d5	8.088	63	157281	52.043	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 104.080%			
56) 1,1,2,2-Tetrachloroeth...	10.210	84	83441	5.544	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 110.800%			
66) 1,2-Dichlorobenzene-d4	11.615	152	115484	5.672	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 113.400%			
Target Compounds						Qvalue
3) Chloromethane	1.240	50	1677	0.087	ug/L	92
6) Bromomethane	1.526	94	615	0.047	ug/L	90
8) Chloroethane	1.375	64	366828	28.332	ug/L #	52
19) 1,1-Dichloroethane	3.191	63	5816	0.181	ug/L	90
22) cis-1,2-Dichloroethene	3.908	96	70770	3.551	ug/L	99
25) Chloroform	4.371	83	8827	0.263	ug/L	90
29) 1,1,1-Trichloroethane	4.606	97	19837	0.649	ug/L	95
31) Carbon tetrachloride	4.606	117	2718	0.103	ug/L	98
34) Trichloroethene	5.908	95	269776	13.240	ug/L	98
35) Methylcyclohexane	6.063	83	26325	0.735	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	11681	0.636	ug/L #	85
44) trans-1,3-Dichloropropene	7.625	75	1456	0.073	ug/L	99
52) Ethylbenzene	9.014	91	4863	0.054	ug/L #	82
53) m,p-Xylene	9.140	106	7070	0.199	ug/L	93
60) Isopropylbenzene	10.734	105	4704	0.064	ug/L	97
61) 1,2,3-Trichloropropane	11.242	75	13128	1.688	ug/L #	64
62) 1,3,5-Trimethylbenzene	10.535	105	3207	0.051	ug/L	91
63) 1,2,4-Trimethylbenzene	10.911	105	7495	0.120	ug/L	97

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111822\
Data File : VV029117.D
Acq On : 18 Nov 2022 14:46
Operator : SY/MD
Sample : N5687-14
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Nov 18 23:34:16 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 18 04:35:43 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111822\
Data File : VV029117.D
Acq On : 18 Nov 2022 14:46
Operator : SY/MD
Sample : N5687-14
Misc : 25.0mL/MSVOA_V/WATER
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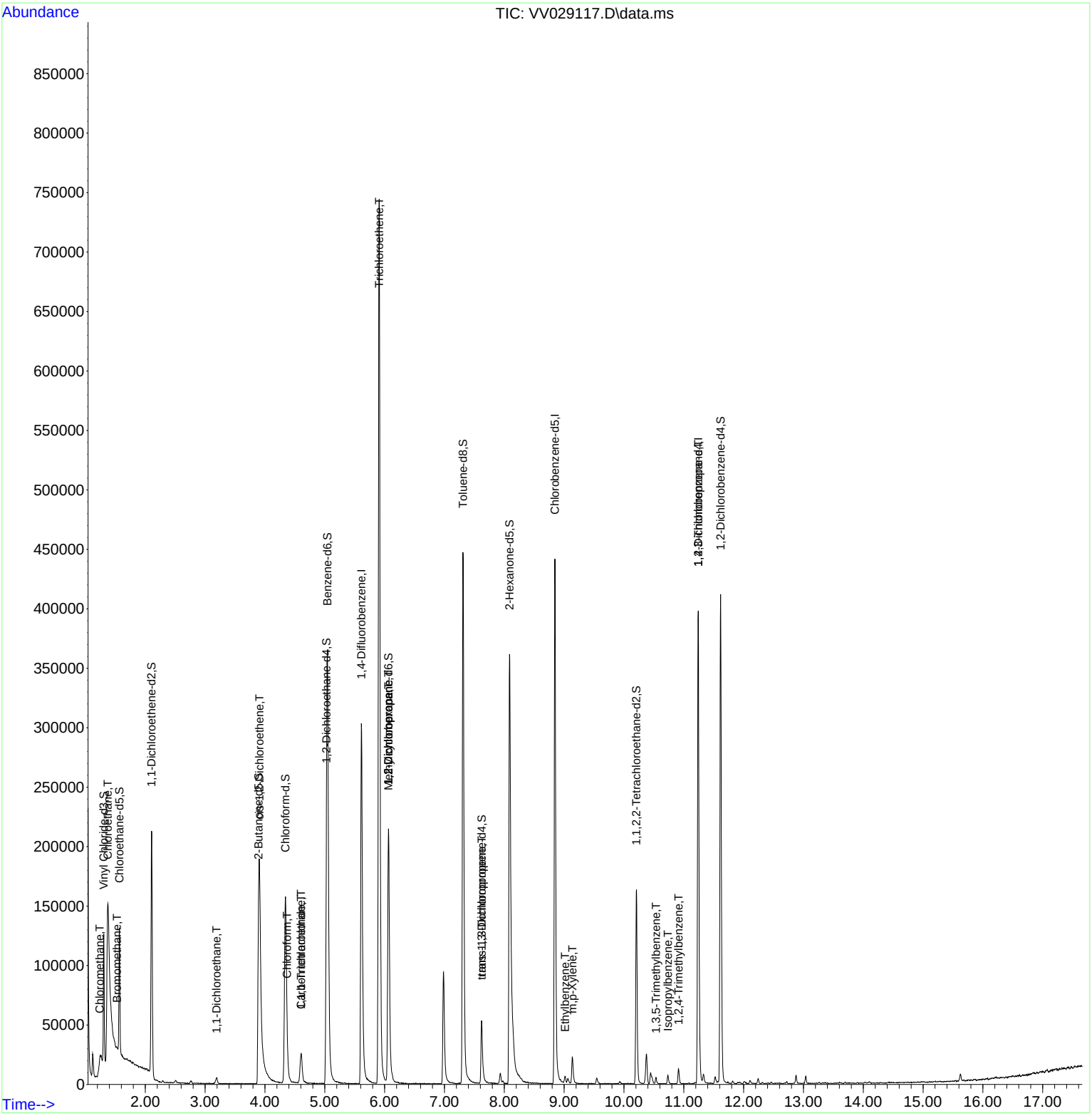
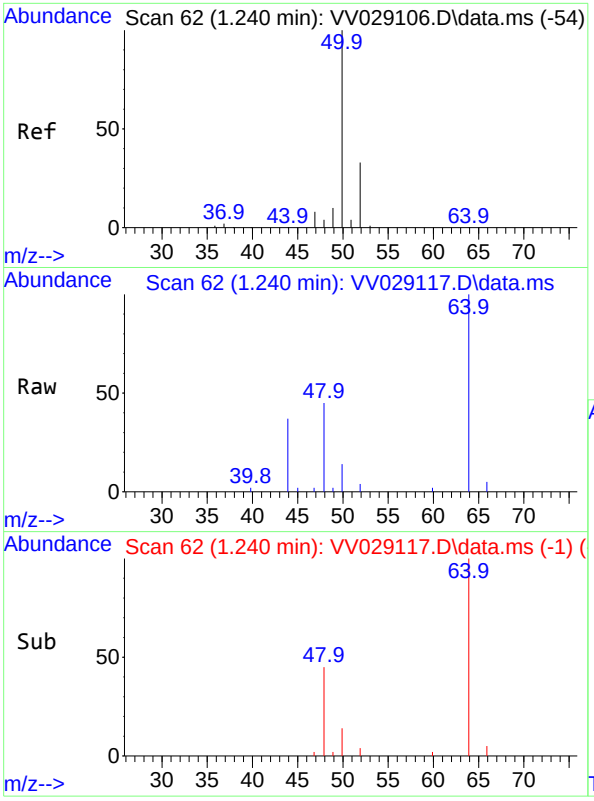
Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Nov 18 23:34:16 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 18 04:35:43 2022
Response via : Initial Calibration



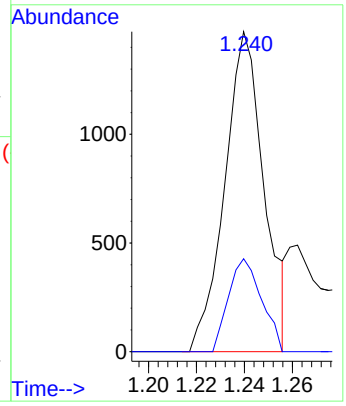


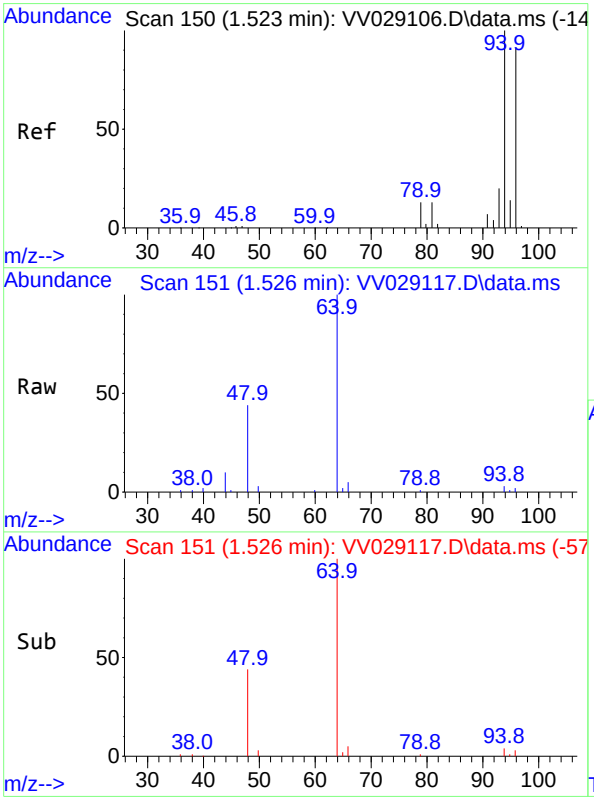
#3
Chloromethane
Concen: 0.087 ug/L
RT: 1.240 min Scan# 6
Delta R.T. -0.000 min
Lab File: VV029117.D
Acq: 18 Nov 2022 14:46

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 50 Resp: 1677

Ion	Ratio	Lower	Upper
50	100		
52	29.1	23.7	43.9

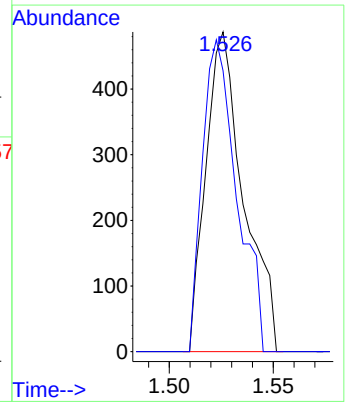


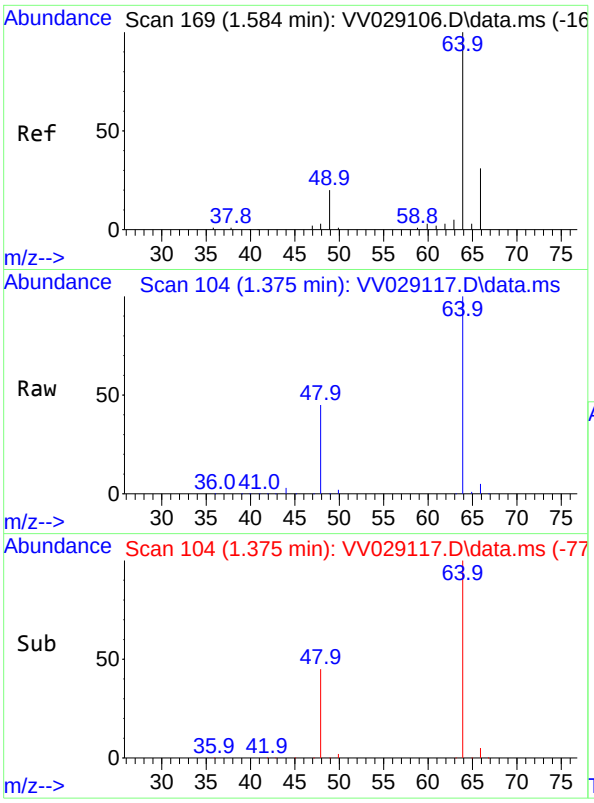


#6
Bromomethane
Concen: 0.047 ug/L
RT: 1.526 min Scan# 151
Delta R.T. 0.003 min
Lab File: VV029117.D
Acq: 18 Nov 2022 14:46

Tgt Ion: 94 Resp: 615

Ion	Ratio	Lower	Upper
94	100		
96	87.9	68.5	127.3



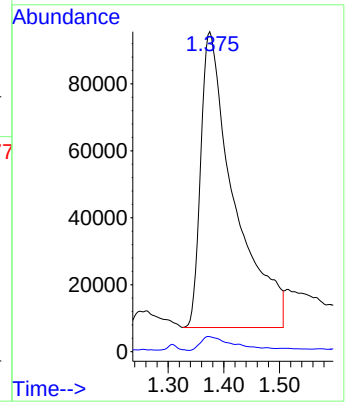


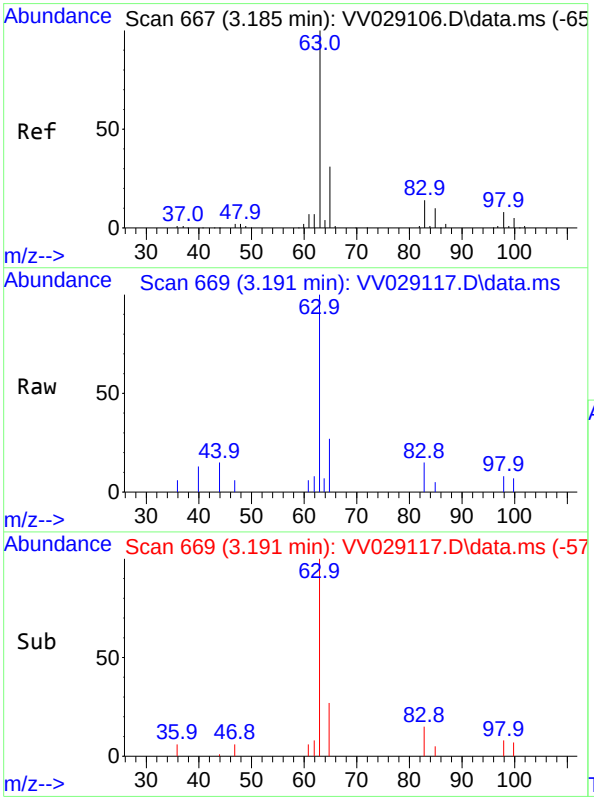
#8
Chloroethane
Concen: 28.332 ug/L
RT: 1.375 min Scan# 1
Delta R.T. -0.212 min
Lab File: VV029117.D
Acq: 18 Nov 2022 14:46

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 64 Resp: 366828

Ion	Ratio	Lower	Upper
64	100		
66	4.7	22.0	40.8#

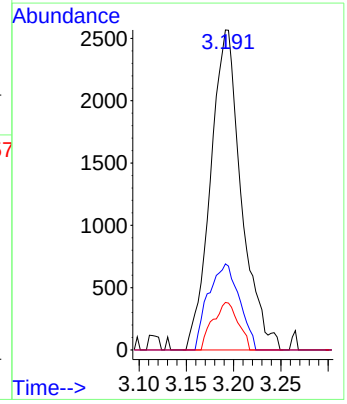


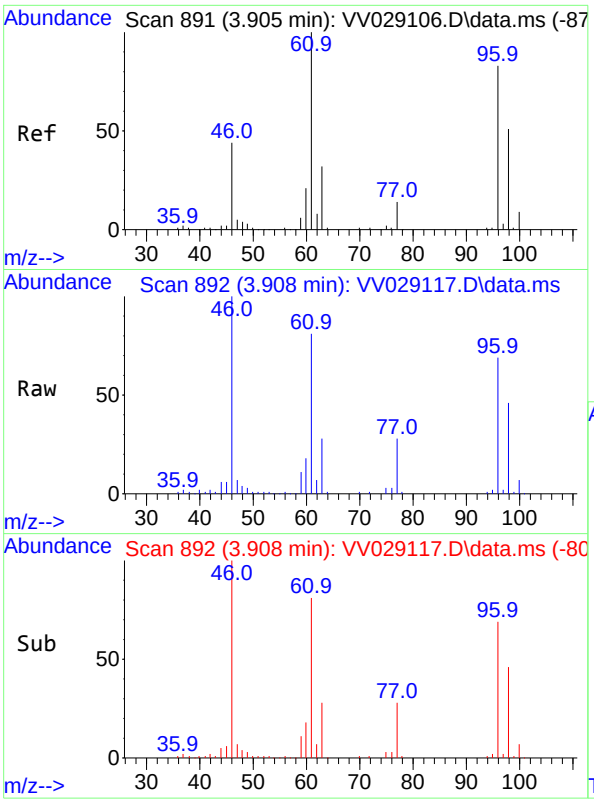


#19
1,1-Dichloroethane
Concen: 0.181 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.003 min
Lab File: VV029117.D
Acq: 18 Nov 2022 14:46

Tgt Ion: 63 Resp: 5816

Ion	Ratio	Lower	Upper
63	100		
65	25.0	23.0	42.6
83	13.8	9.4	17.6



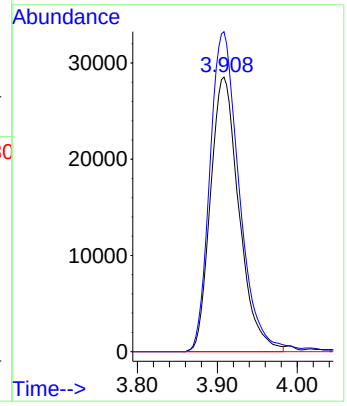


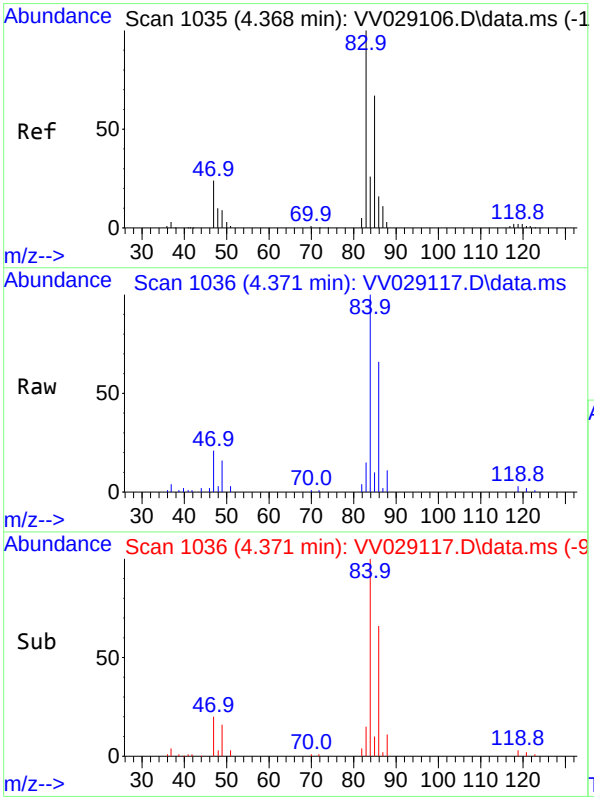
#22
cis-1,2-Dichloroethene
Concen: 3.551 ug/L
RT: 3.908 min Scan# 8
Delta R.T. -0.003 min
Lab File: VV029117.D
Acq: 18 Nov 2022 14:46

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 70770

Ion	Ratio	Lower	Upper
96	100		
61	116.6	82.3	152.9
68	0.0	0.0	0.0

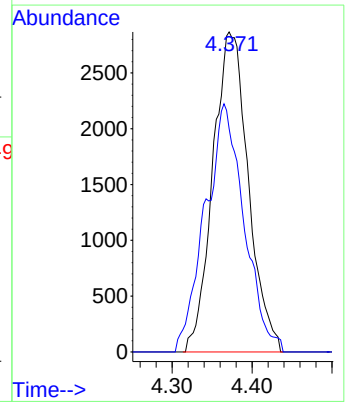


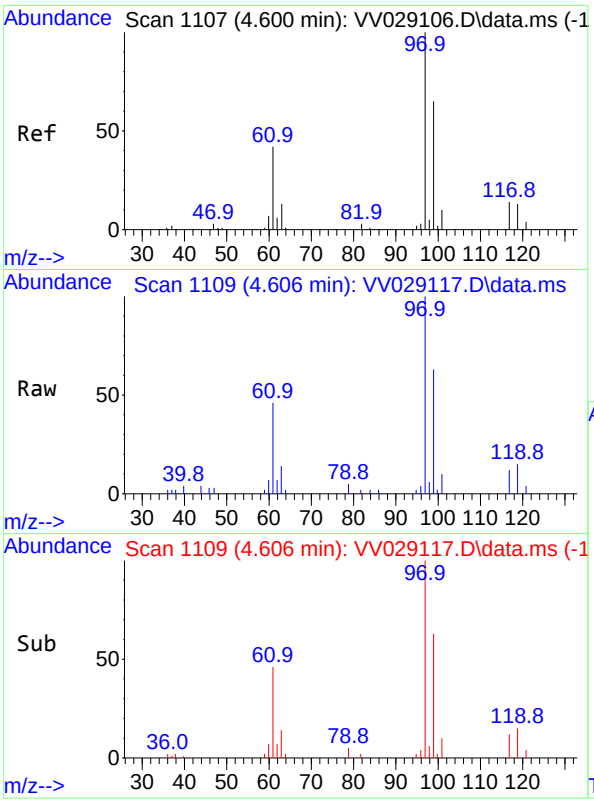


#25
Chloroform
Concen: 0.263 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. -0.003 min
Lab File: VV029117.D
Acq: 18 Nov 2022 14:46

Tgt Ion: 83 Resp: 8827

Ion	Ratio	Lower	Upper
83	100		
85	69.8	43.7	81.1



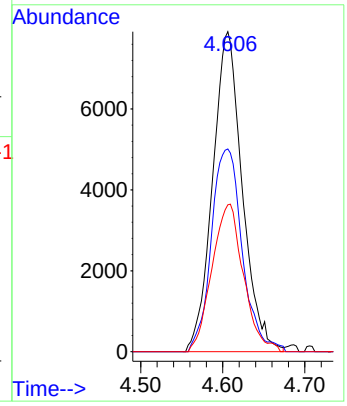


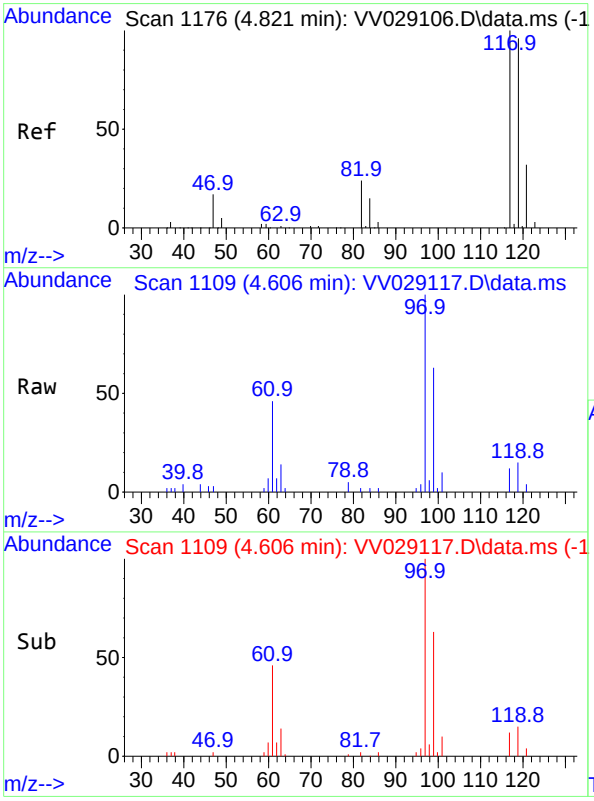
#29
1,1,1-Trichloroethane
Concen: 0.649 ug/L
RT: 4.606 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV029117.D
Acq: 18 Nov 2022 14:46

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 19837

Ion	Ratio	Lower	Upper
97	100		
99	66.3	52.7	79.1
61	49.1	33.8	50.6

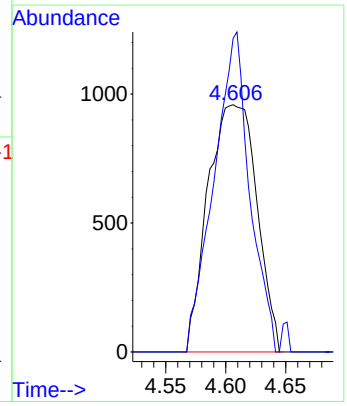


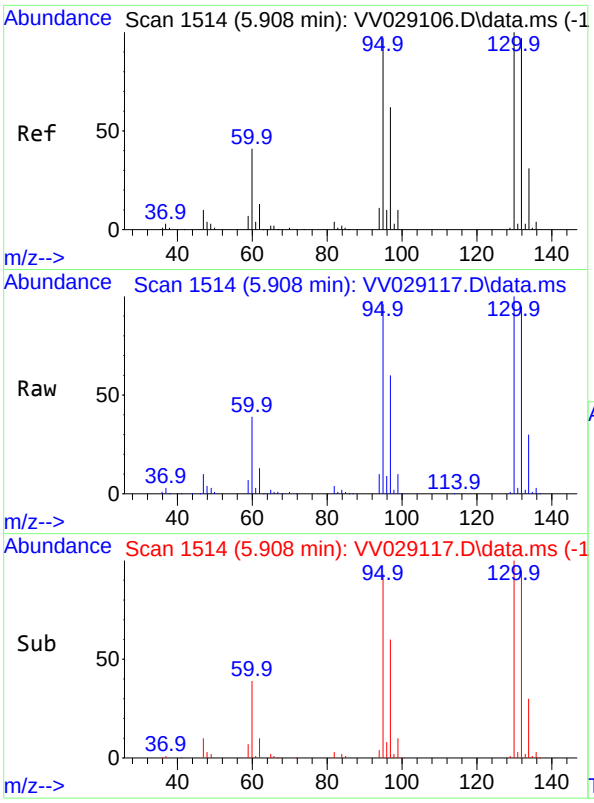


#31
Carbon tetrachloride
Concen: 0.103 ug/L
RT: 4.606 min Scan# 1109
Delta R.T. -0.222 min
Lab File: VV029117.D
Acq: 18 Nov 2022 14:46

Tgt Ion:117 Resp: 2718

Ion	Ratio	Lower	Upper
117	100		
119	94.8	77.0	115.6



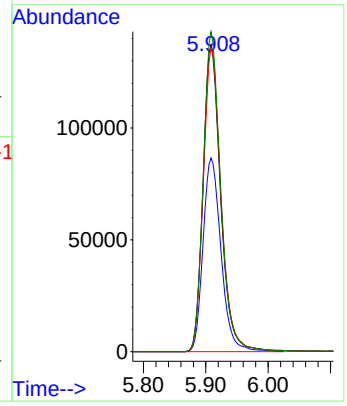


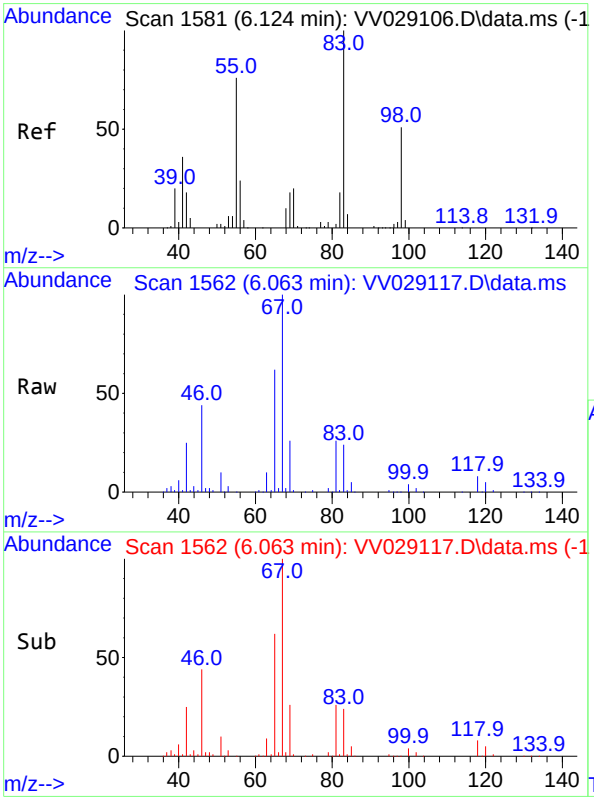
#34
Trichloroethene
Concen: 13.240 ug/L
RT: 5.908 min Scan# 1
Delta R.T. -0.007 min
Lab File: VV029117.D
Acq: 18 Nov 2022 14:46

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 269776

Ion	Ratio	Lower	Upper
95	100		
97	63.2	45.6	84.8
132	99.2	69.1	128.3
130	104.4	74.9	139.1

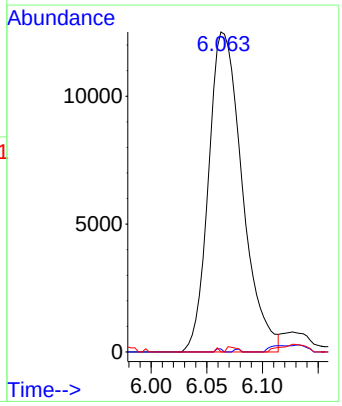


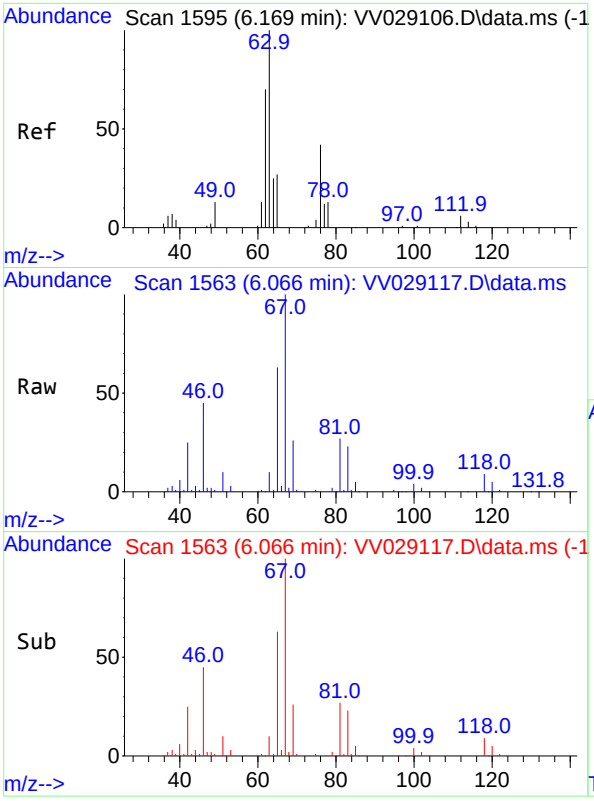


#35
Methylcyclohexane
Concen: 0.735 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.068 min
Lab File: VV029117.D
Acq: 18 Nov 2022 14:46

Tgt Ion: 83 Resp: 26325

Ion	Ratio	Lower	Upper
83	100		
55	0.2	55.8	83.6#
98	1.1	38.2	57.2#



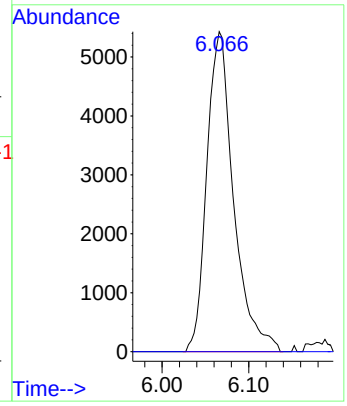


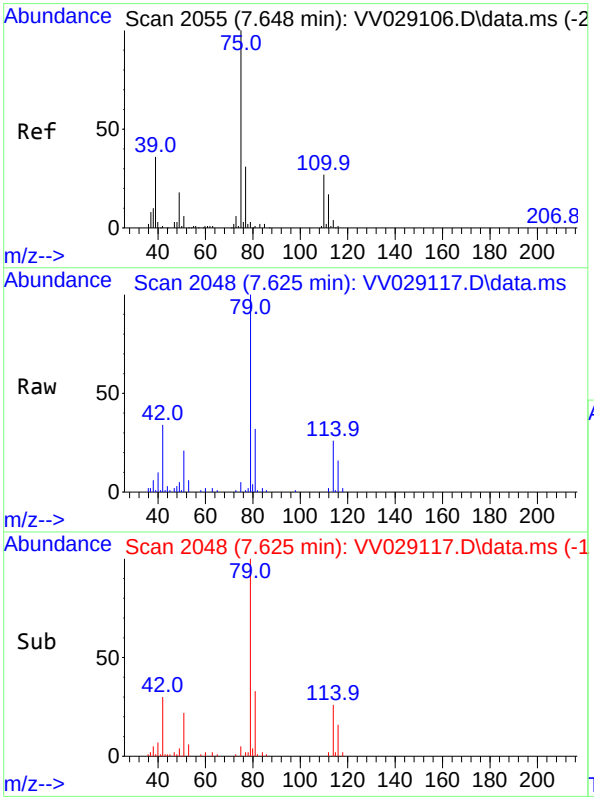
#37
1,2-Dichloropropane
Concen: 0.636 ug/L
RT: 6.066 min Scan# 1
Delta R.T. -0.106 min
Lab File: VV029117.D
Acq: 18 Nov 2022 14:46

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 11681

Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.0	6.0#

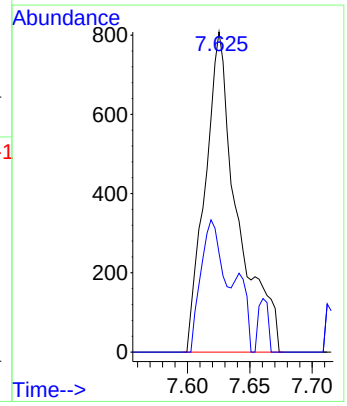


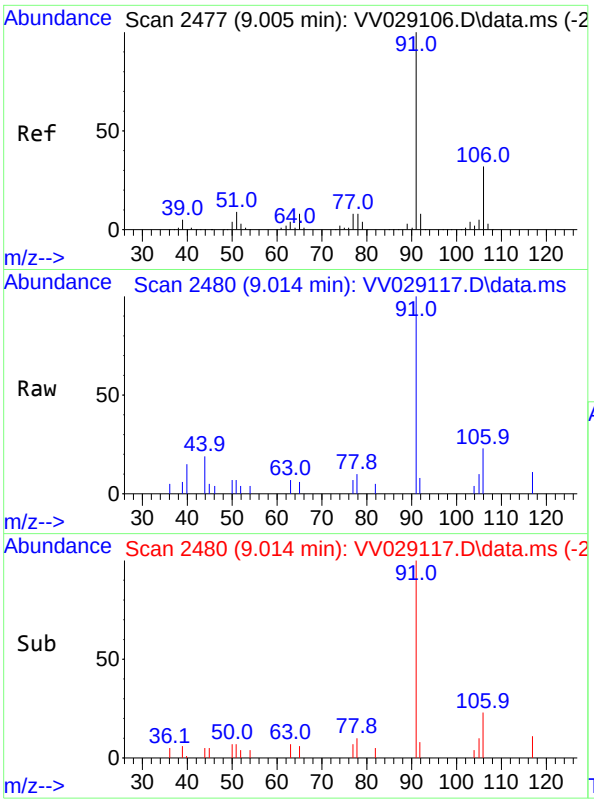


#44
trans-1,3-Dichloropropene
Concen: 0.073 ug/L
RT: 7.625 min Scan# 2048
Delta R.T. -0.026 min
Lab File: VV029117.D
Acq: 18 Nov 2022 14:46

Tgt Ion: 75 Resp: 1456

Ion	Ratio	Lower	Upper
75	100		
77	30.9	22.2	41.2



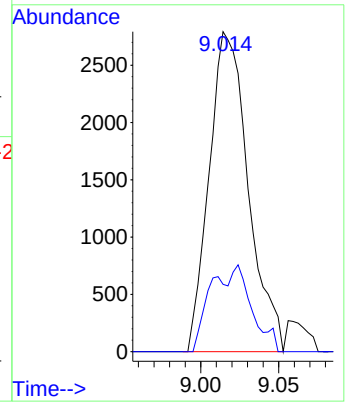


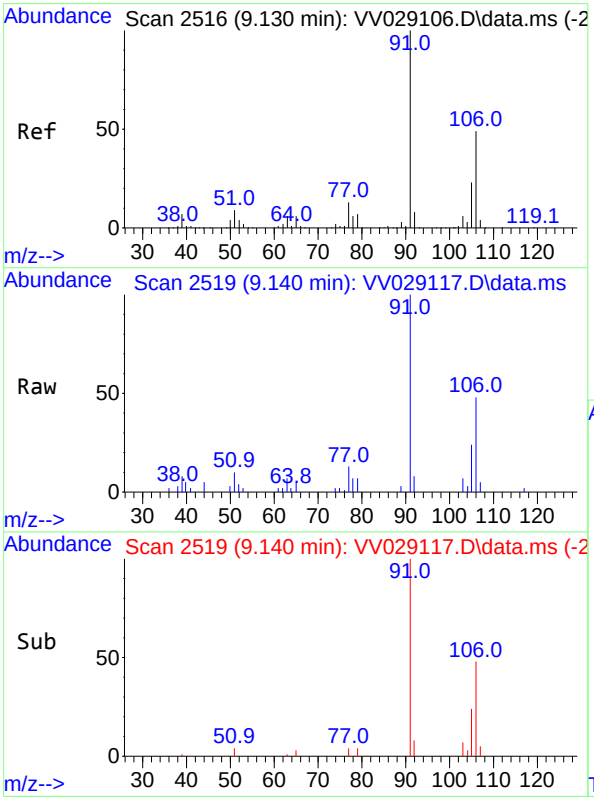
#52
Ethylbenzene
Concen: 0.054 ug/L
RT: 9.014 min Scan# 24
Delta R.T. 0.006 min
Lab File: VV029117.D
Acq: 18 Nov 2022 14:46

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 91 Resp: 4863

Ion	Ratio	Lower	Upper
91	100		
106	21.1	21.6	40.2#

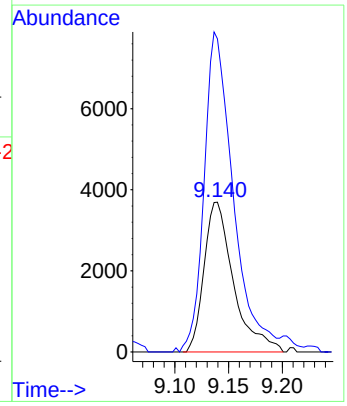


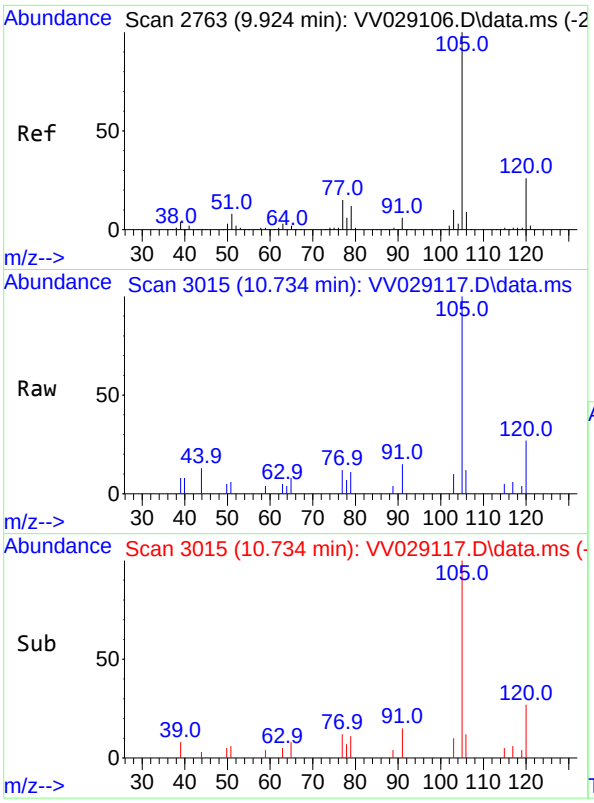


#53
m,p-Xylene
Concen: 0.199 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.006 min
Lab File: VV029117.D
Acq: 18 Nov 2022 14:46

Tgt Ion:106 Resp: 7070

Ion	Ratio	Lower	Upper
106	100		
91	209.1	139.1	258.3



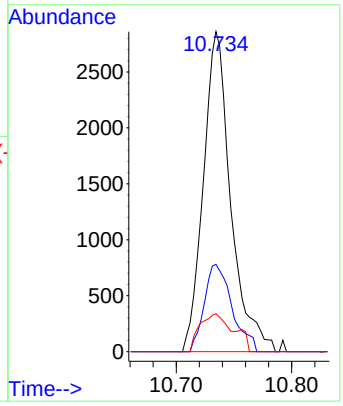


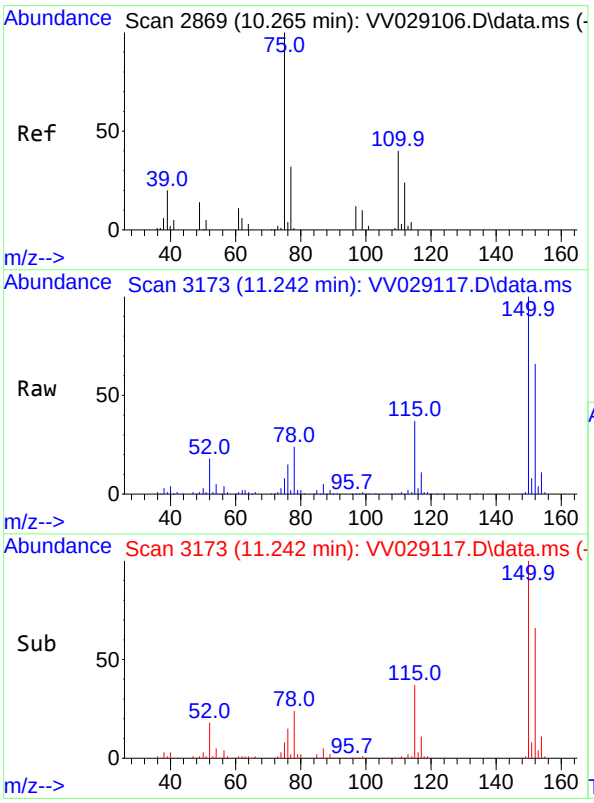
#60
Isopropylbenzene
Concen: 0.064 ug/L
RT: 10.734 min Scan# 3
Delta R.T. 0.810 min
Lab File: VV029117.D
Acq: 18 Nov 2022 14:46

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 4704

Ion	Ratio	Lower	Upper
105	100		
120	27.7	21.3	31.9
77	12.3	11.8	17.8

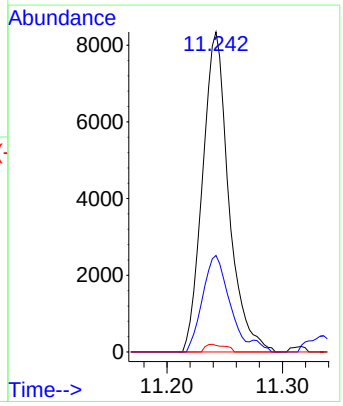


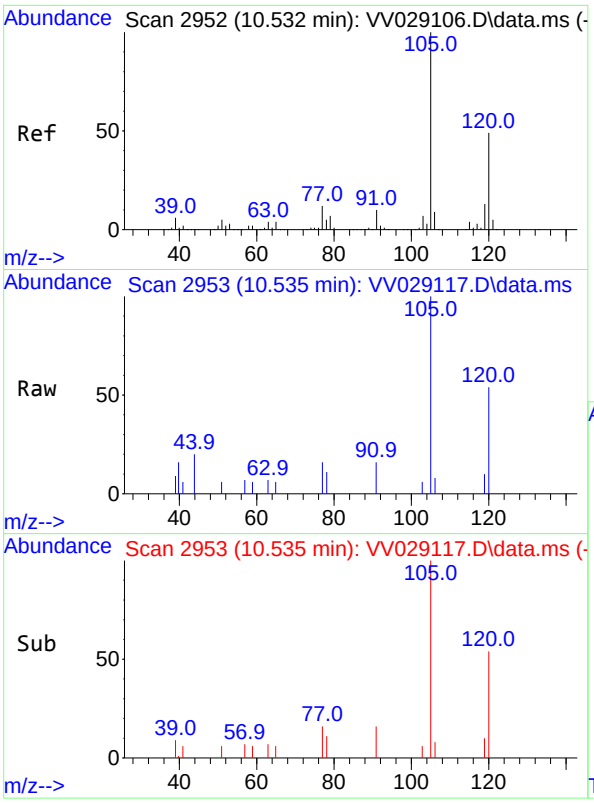


#61
1,2,3-Trichloropropane
Concen: 1.688 ug/L
RT: 11.242 min Scan# 3173
Delta R.T. 0.974 min
Lab File: VV029117.D
Acq: 18 Nov 2022 14:46

Tgt Ion: 75 Resp: 13128

Ion	Ratio	Lower	Upper
75	100		
77	30.7	26.2	39.2
110	1.9	32.6	48.8#



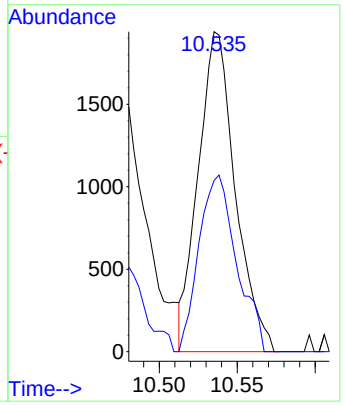


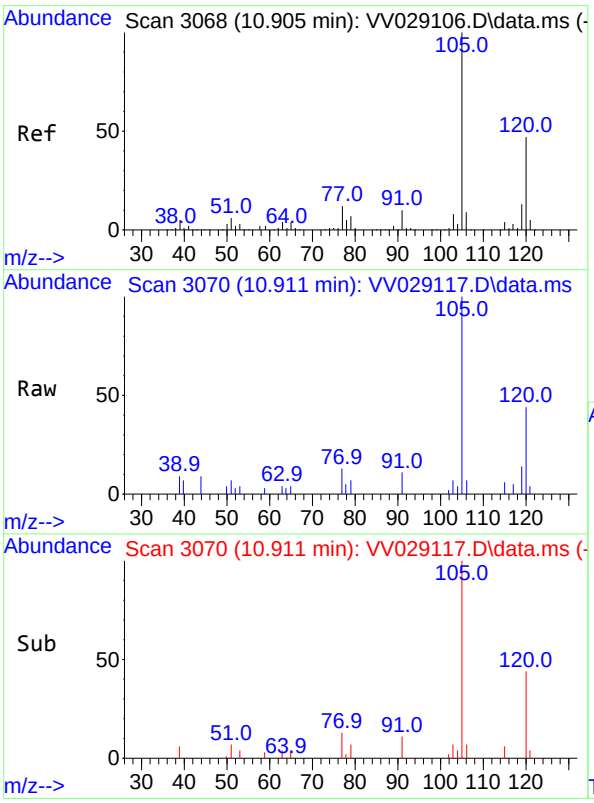
#62
1,3,5-Trimethylbenzene
Concen: 0.051 ug/L
RT: 10.535 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV029117.D
Acq: 18 Nov 2022 14:46

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 3207

Ion	Ratio	Lower	Upper
105	100		
120	56.0	39.9	59.9





#63
1,2,4-Trimethylbenzene
Concen: 0.120 ug/L
RT: 10.911 min Scan# 3070
Delta R.T. 0.006 min
Lab File: VV029117.D
Acq: 18 Nov 2022 14:46

Tgt Ion:105 Resp: 7495

Ion	Ratio	Lower	Upper
105	100		
120	49.5	37.8	56.8