Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102722\
Data File : VV028727.D
Acq On : 27 Oct 2022 18:29
Operator : SY/MD
Sample : N5232-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHAC9

Quant Time: Oct 28 02:20:02 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 28 02:13:29 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	257851	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	233593	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	104973	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	56908	3.173	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 63.400%			
7) Chloroethane-d5	1.568	69	57216	3.773	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 75.400%			
11) 1,1-Dichloroethene-d2	2.105	63	93088	2.684	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 53.600%#			
20) 2-Butanone-d5	3.902	46	208907	51.088	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.180%			
24) Chloroform-d	4.346	84	117603	3.777	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 75.600%			
26) 1,2-Dichloroethane-d4	5.034	65	62352	3.946	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.000%			
32) Benzene-d6	5.047	84	230556	3.691	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 73.800%			
36) 1,2-Dichloropropane-d6	6.066	67	82095	4.152	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 83.000%			
41) Toluene-d8	7.313	98	186139	3.819	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 76.400%			
43) trans-1,3-Dichloroprop...	7.625	79	17490	2.847	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 57.000%			
46) 2-Hexanone-d5	8.088	63	142134	49.700	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.400%			
56) 1,1,2,2-Tetrachloroeth...	10.210	84	56931	4.341	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 86.800%			
66) 1,2-Dichlorobenzene-d4	11.616	152	64217	4.435	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 88.800%			
Target Compounds						Qvalue
3) Chloromethane	1.240	50	1693	0.083	ug/L #	74
6) Bromomethane	1.523	94	428	0.044	ug/L	81
8) Chloroethane	1.439	64	106364	7.755	ug/L #	50
14) Carbon disulfide	2.291	76	6732	0.206	ug/L #	95
17) Methyl tert-butyl Ether	2.773	73	3483	0.094	ug/L #	90
22) cis-1,2-Dichloroethene	3.912	96	545	0.032	ug/L #	76
33) Benzene	5.098	78	43986	0.630	ug/L	100
35) Methylcyclohexane	6.066	83	18315	0.767	ug/L #	16
42) Toluene	7.391	91	17742	0.268	ug/L	96
51) Chlorobenzene	8.879	112	83079	1.993	ug/L	98
52) Ethylbenzene	9.014	91	11317	0.154	ug/L	95
53) m,p-Xylene	9.133	106	15804	0.595	ug/L	93
54) o-Xylene	9.542	106	5321	0.199	ug/L	87
60) Isopropylbenzene	9.928	105	8597	0.130	ug/L #	84
61) 1,2,3-Trichloropropane	11.175	75	683	0.076	ug/L #	61
62) 1,3,5-Trimethylbenzene	10.538	105	1148	0.060	ug/L	87
63) 1,2,4-Trimethylbenzene	10.908	105	5651	0.106	ug/L	96
71) Naphthalene	13.503	128	3734	0.132	ug/L #	87

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102722\
Data File : VV028727.D
Acq On : 27 Oct 2022 18:29
Operator : SY/MD
Sample : N5232-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHAC9

Quant Time: Oct 28 02:20:02 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 28 02:13:29 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\VV102722\
Data File : VV028727.D
Acq On : 27 Oct 2022 18:29
Operator : SY/MD
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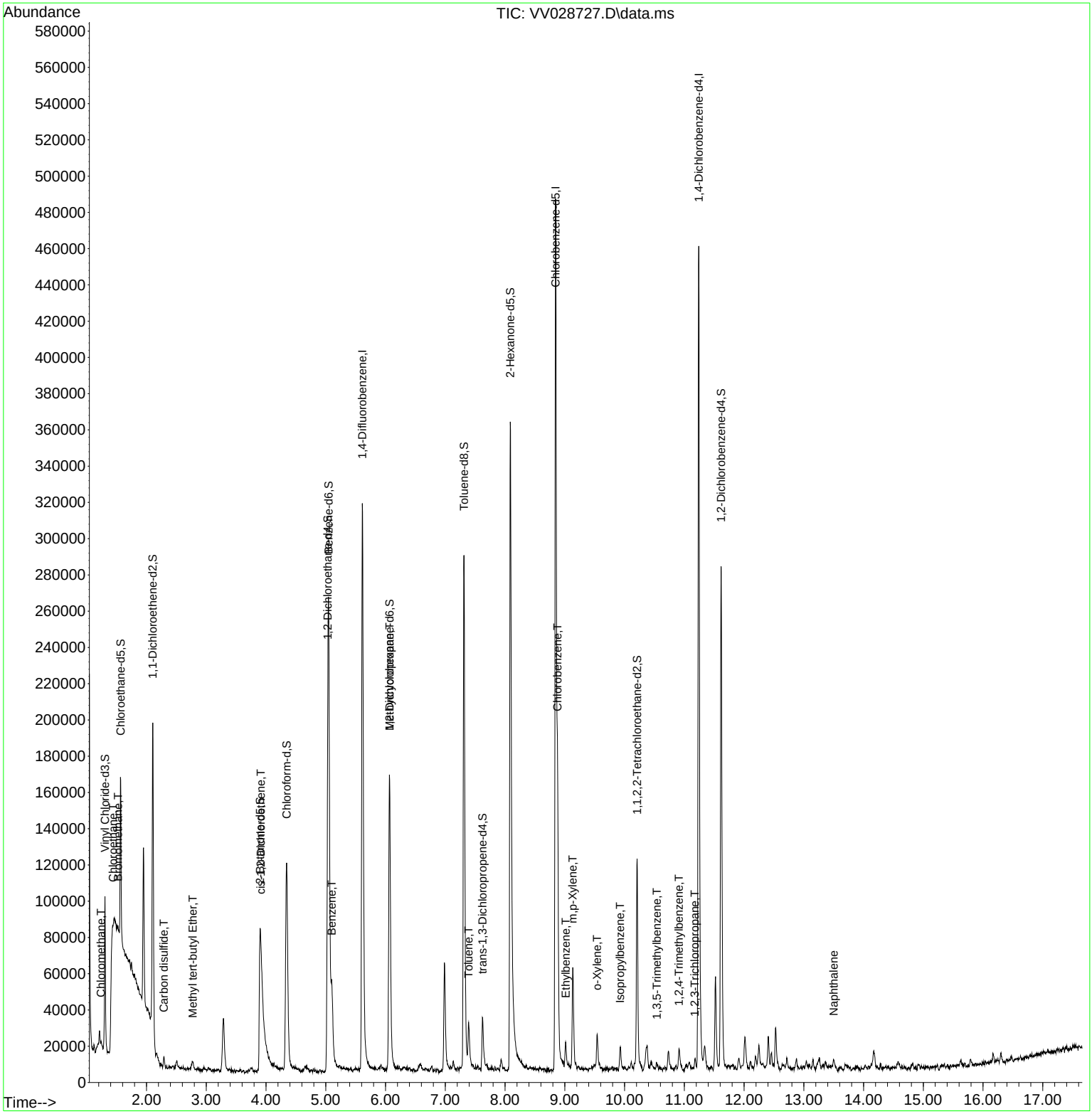
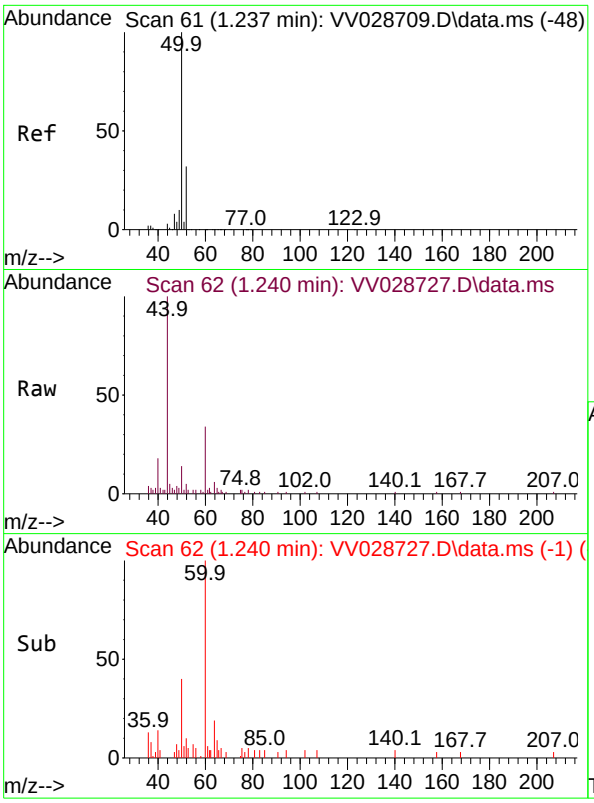
Quant Time: Oct 28 02:20:02 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 28 02:13:29 2022
Response via : Initial Calibration



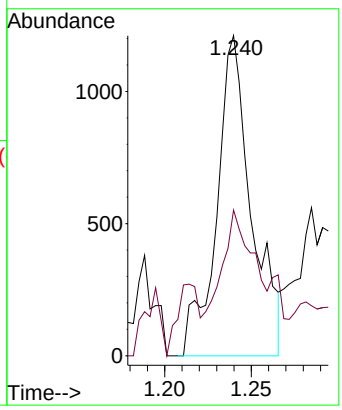


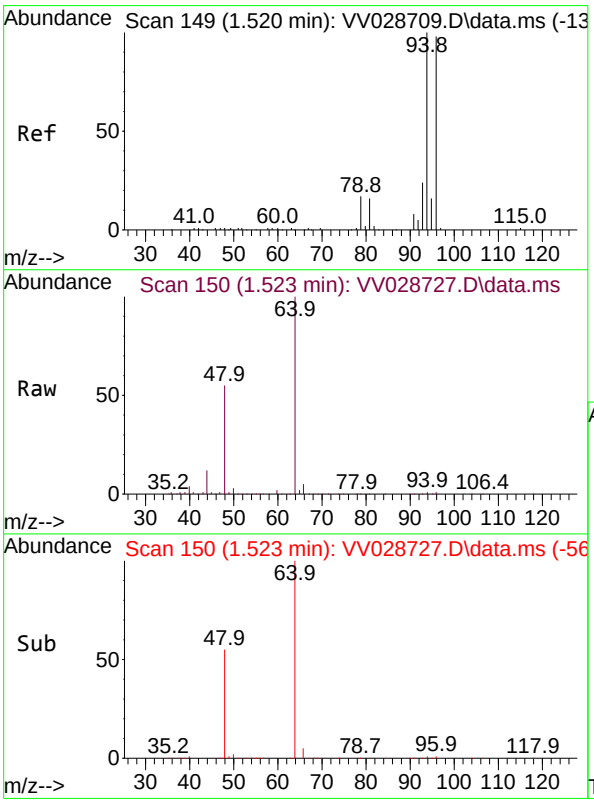
#3
Chloromethane
Concen: 0.083 ug/L
RT: 1.240 min Scan# 6
Delta R.T. 0.003 min
Lab File: VV028727.D
Acq: 27 Oct 2022 18:29

Instrument :
MSVOA_V
ClientSampleId :
BHAC9

Tgt Ion: 50 Resp: 1693

Ion	Ratio	Lower	Upper
50	100		
52	45.5	21.8	40.6#

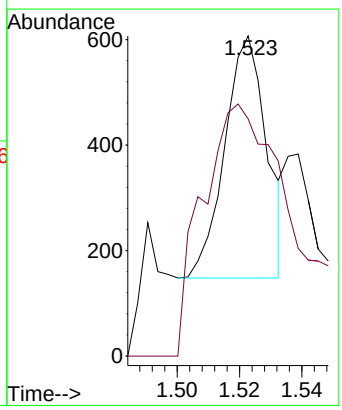


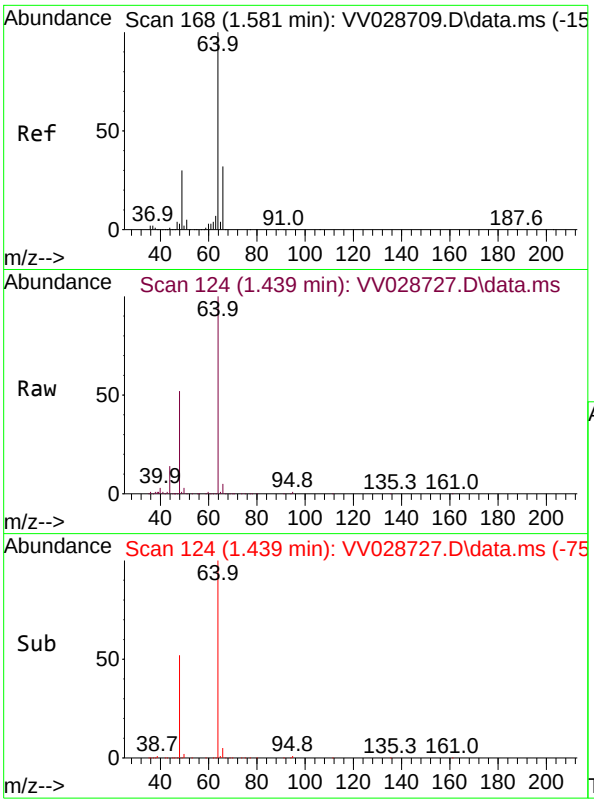


#6
Bromomethane
Concen: 0.044 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.003 min
Lab File: VV028727.D
Acq: 27 Oct 2022 18:29

Tgt Ion: 94 Resp: 428

Ion	Ratio	Lower	Upper
94	100		
96	74.1	64.3	119.3



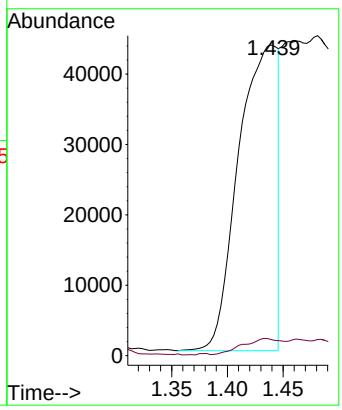


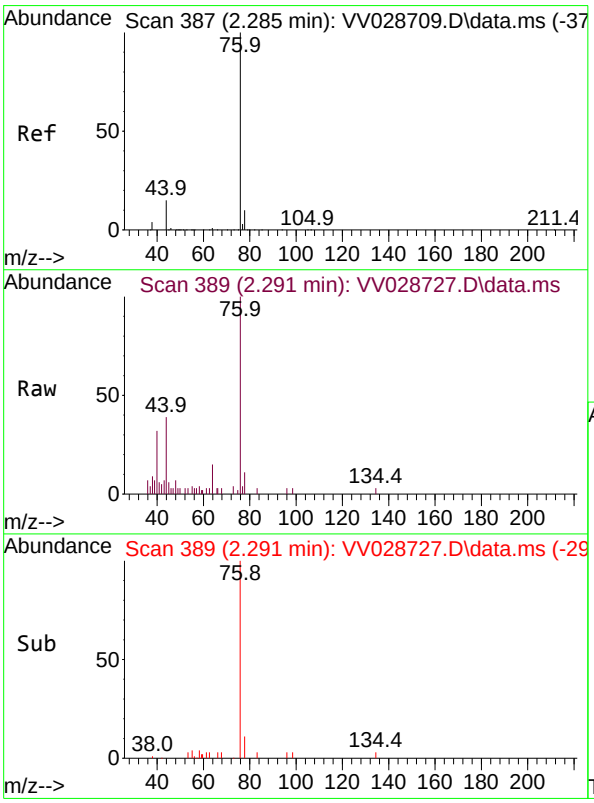
#8
Chloroethane
Concen: 7.755 ug/L
RT: 1.439 min Scan# 1
Delta R.T. -0.141 min
Lab File: VV028727.D
Acq: 27 Oct 2022 18:29

Instrument :
MSVOA_V
ClientSampleId :
BHAC9

Tgt Ion: 64 Resp: 106364

Ion	Ratio	Lower	Upper
64	100		
66	5.2	23.9	44.5#

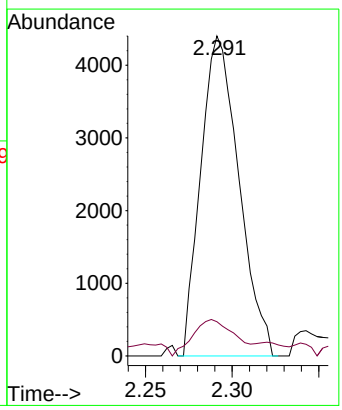


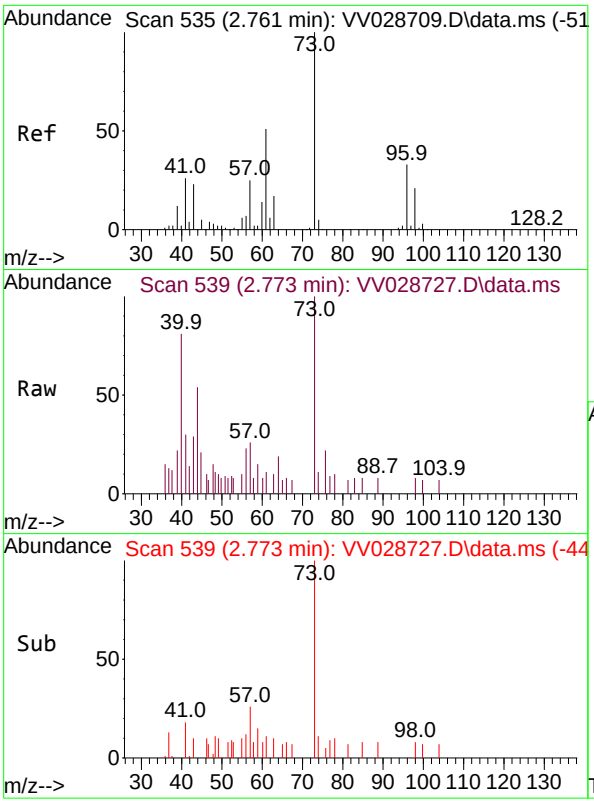


#14
Carbon disulfide
Concen: 0.206 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.006 min
Lab File: VV028727.D
Acq: 27 Oct 2022 18:29

Tgt Ion: 76 Resp: 6732

Ion	Ratio	Lower	Upper
76	100		
78	10.7	7.1	10.7#



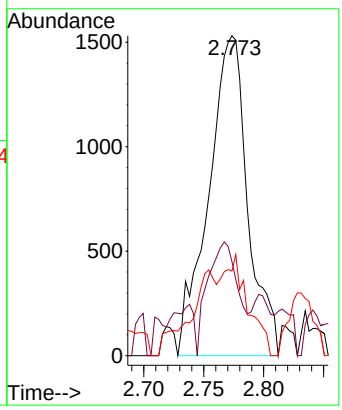


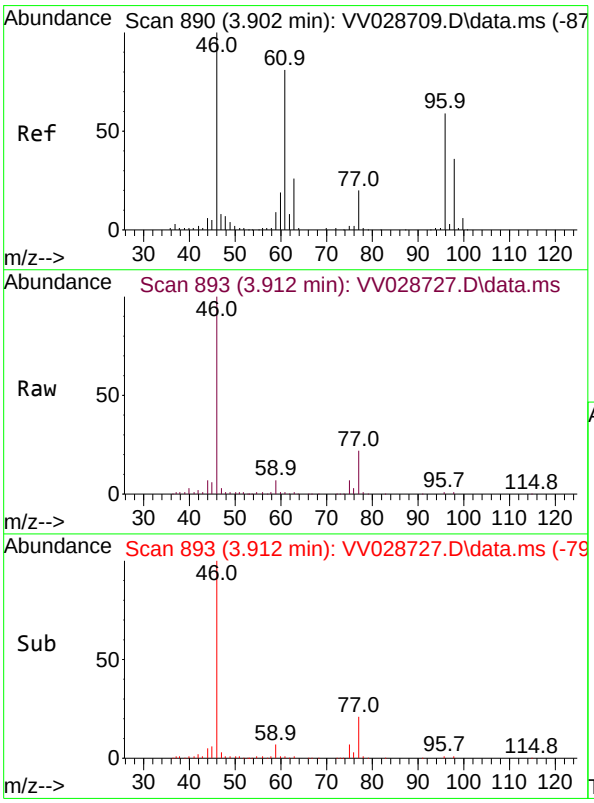
#17
Methyl tert-butyl Ether
Concen: 0.094 ug/L
RT: 2.773 min Scan# 5
Delta R.T. 0.013 min
Lab File: VV028727.D
Acq: 27 Oct 2022 18:29

Instrument :
MSVOA_V
ClientSampleId :
BHAC9

Tgt Ion: 73 Resp: 3483

Ion	Ratio	Lower	Upper
73	100		
43	27.5	18.0	27.0#
57	20.6	20.0	30.0

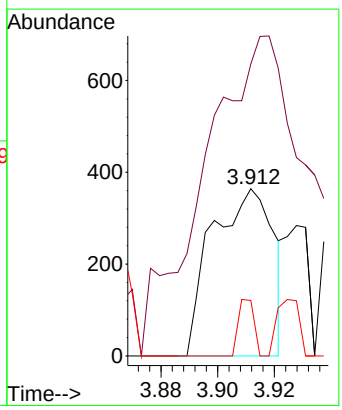


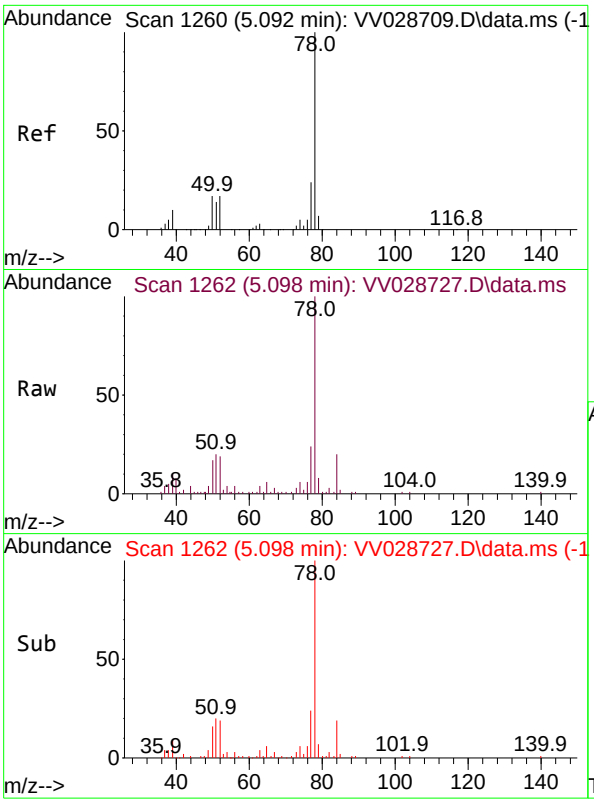


#22
cis-1,2-Dichloroethene
Concen: 0.032 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.010 min
Lab File: VV028727.D
Acq: 27 Oct 2022 18:29

Tgt Ion: 96 Resp: 545

Ion	Ratio	Lower	Upper
96	100		
61	174.7	101.4	188.2
68	33.2	0.5	0.9#

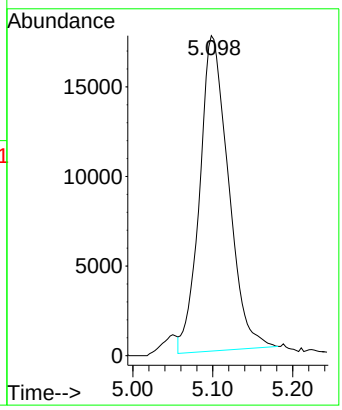


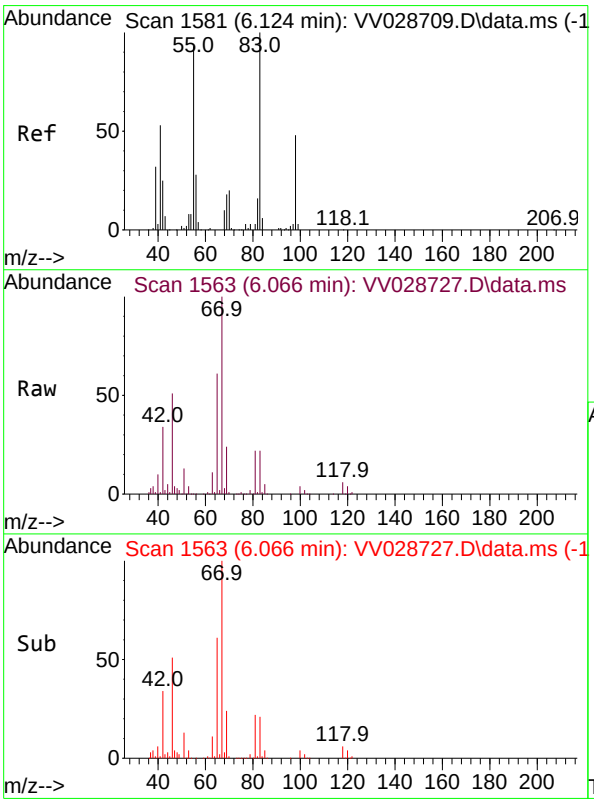


#33
Benzene
Concen: 0.630 ug/L
RT: 5.098 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV028727.D
Acq: 27 Oct 2022 18:29

Instrument :
MSVOA_V
ClientSampleId :
BHAC9

Tgt Ion: 78 Resp: 43986

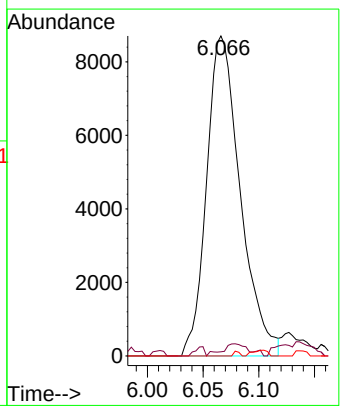


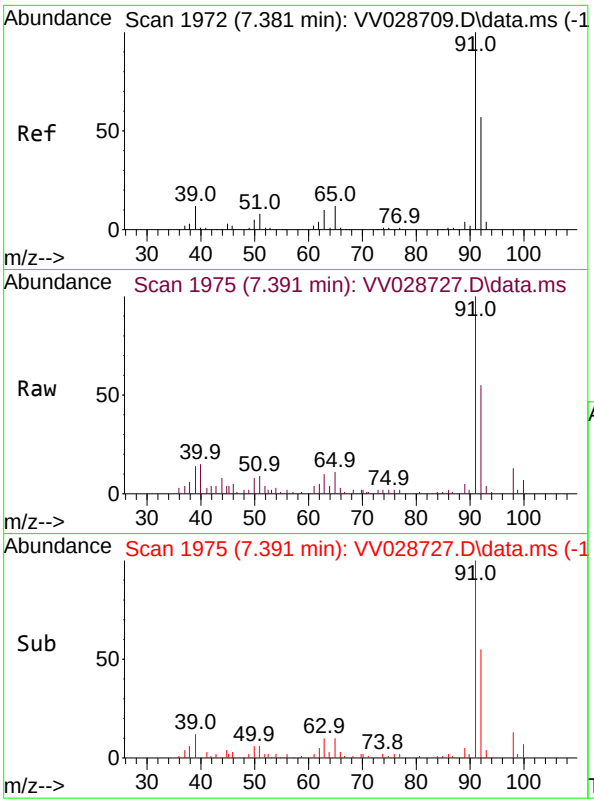


#35
Methylcyclohexane
Concen: 0.767 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.058 min
Lab File: VV028727.D
Acq: 27 Oct 2022 18:29

Tgt Ion: 83 Resp: 18315

Ion	Ratio	Lower	Upper
83	100		
55	1.7	70.0	105.0#
98	0.2	35.6	53.4#



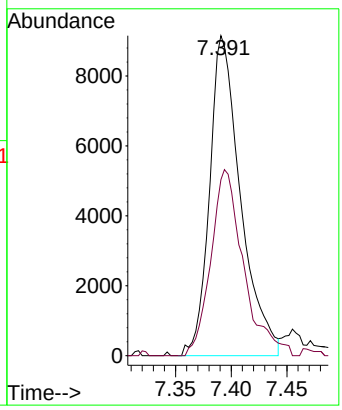


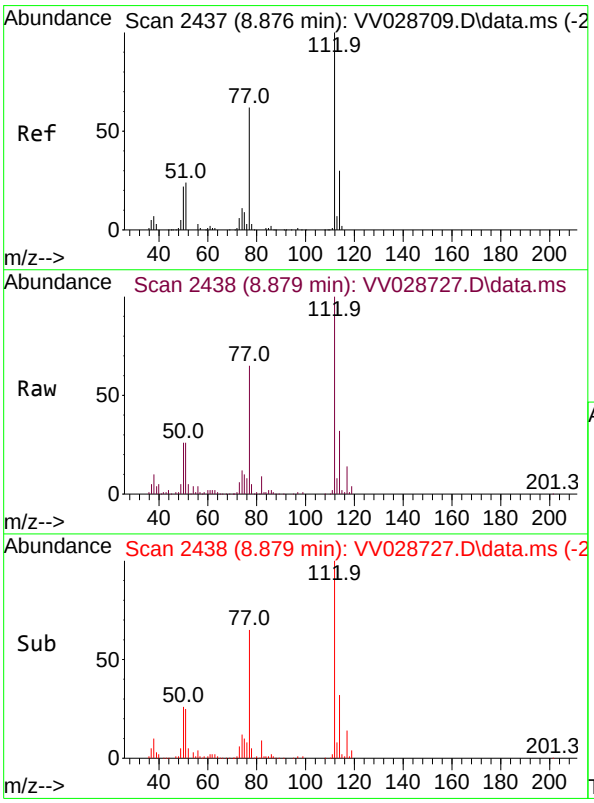
#42
Toluene
Concen: 0.268 ug/L
RT: 7.391 min Scan# 1
Delta R.T. 0.010 min
Lab File: VV028727.D
Acq: 27 Oct 2022 18:29

Instrument :
MSVOA_V
ClientSampleId :
BHAC9

Tgt Ion: 91 Resp: 17742

Ion	Ratio	Lower	Upper
91	100		
92	55.0	40.5	75.3

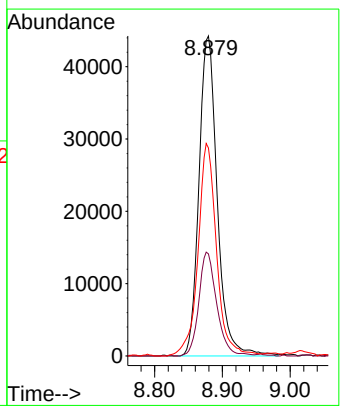


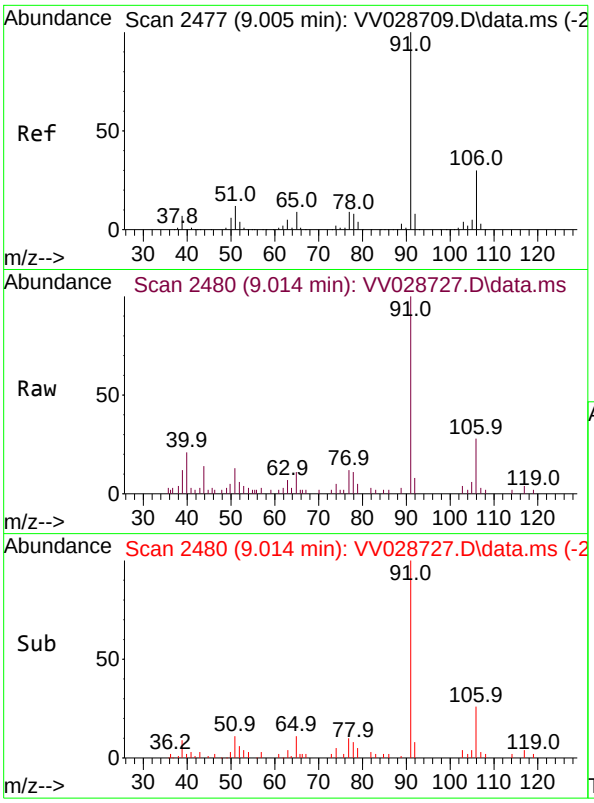


#51
Chlorobenzene
Concen: 1.993 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. 0.003 min
Lab File: VV028727.D
Acq: 27 Oct 2022 18:29

Tgt Ion:112 Resp: 83079

Ion	Ratio	Lower	Upper
112	100		
114	31.9	22.0	41.0
77	65.0	50.0	75.0



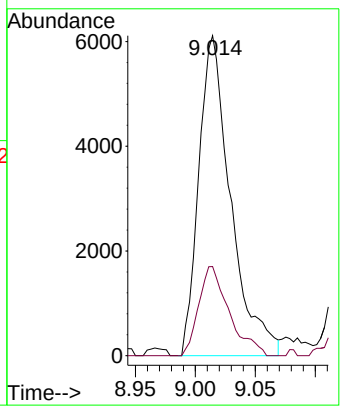


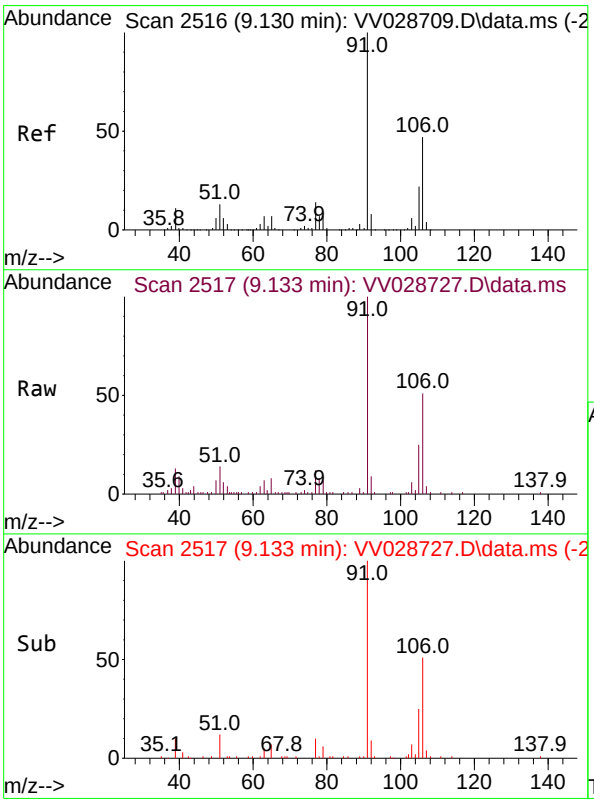
#52
Ethylbenzene
Concen: 0.154 ug/L
RT: 9.014 min Scan# 24
Delta R.T. 0.010 min
Lab File: VV028727.D
Acq: 27 Oct 2022 18:29

Instrument :
MSVOA_V
ClientSampleId :
BHAC9

Tgt Ion: 91 Resp: 11317

Ion	Ratio	Lower	Upper
91	100		
106	27.8	21.3	39.6

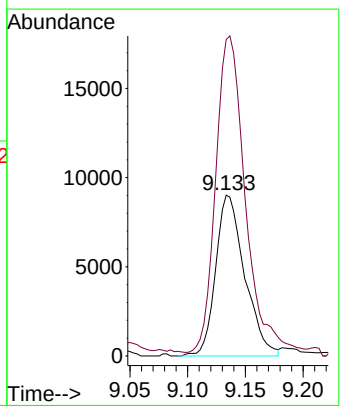


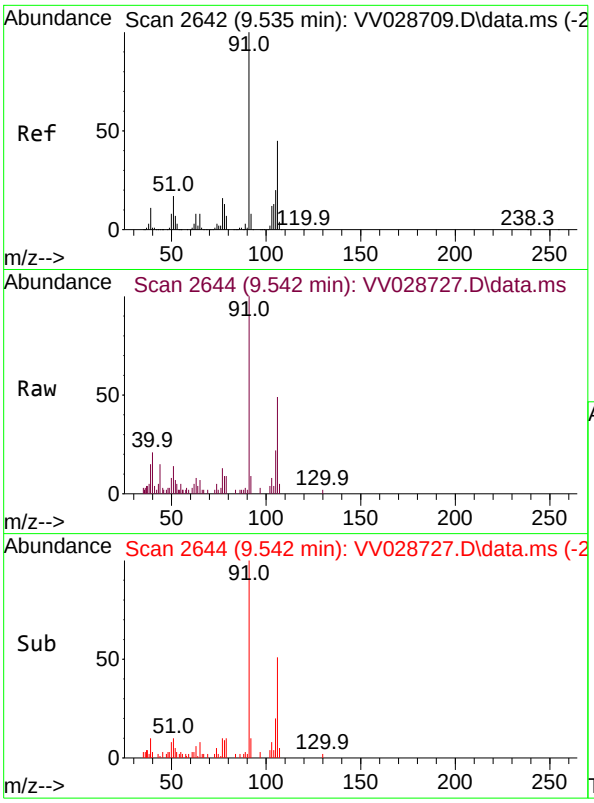


#53
m,p-Xylene
Concen: 0.595 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. 0.003 min
Lab File: VV028727.D
Acq: 27 Oct 2022 18:29

Tgt Ion:106 Resp: 15804

Ion	Ratio	Lower	Upper
106	100		
91	196.8	145.5	270.1



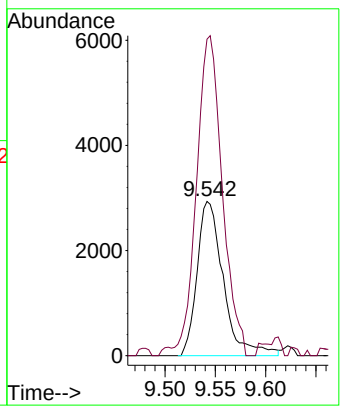


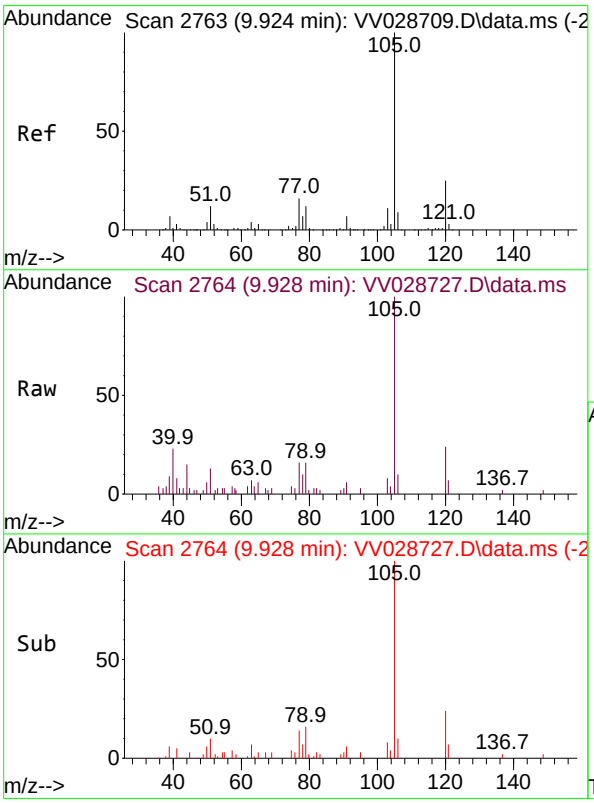
#54
o-Xylene
Concen: 0.199 ug/L
RT: 9.542 min Scan# 2
Delta R.T. 0.006 min
Lab File: VV028727.D
Acq: 27 Oct 2022 18:29

Instrument :
MSVOA_V
ClientSampleId :
BHAC9

Tgt Ion:106 Resp: 5321

Ion	Ratio	Lower	Upper
106	100		
91	205.2	159.0	295.4

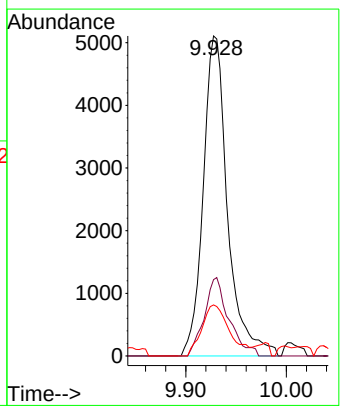


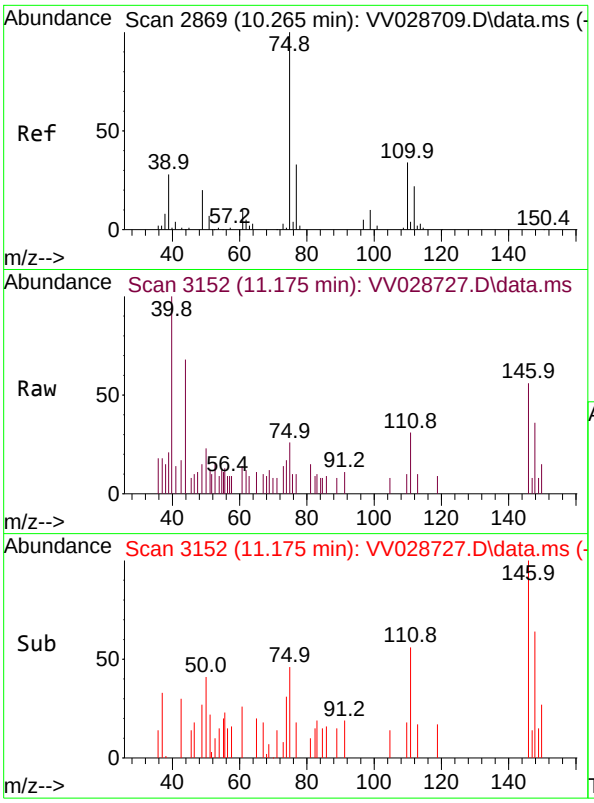


#60
Isopropylbenzene
Concen: 0.130 ug/L
RT: 9.928 min Scan# 2764
Delta R.T. 0.003 min
Lab File: VV028727.D
Acq: 27 Oct 2022 18:29

Tgt Ion:105 Resp: 8597

Ion	Ratio	Lower	Upper
105	100		
120	24.5	20.1	30.1
77	0.0	13.4	20.0#



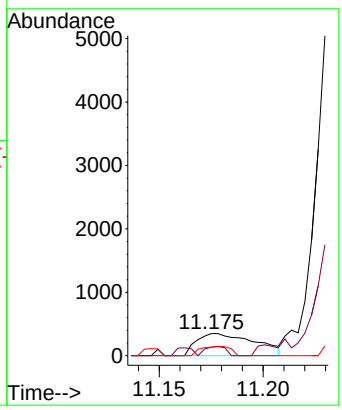


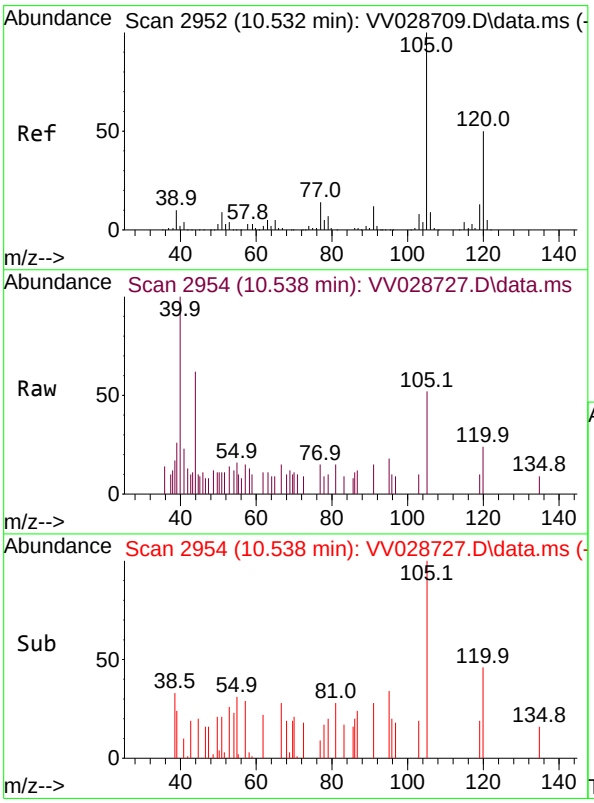
#61
1,2,3-Trichloropropane
Concen: 0.076 ug/L
RT: 11.175 min Scan# 3
Delta R.T. 0.910 min
Lab File: VV028727.D
Acq: 27 Oct 2022 18:29

Instrument :
MSVOA_V
ClientSampleId :
BHAC9

Tgt Ion: 75 Resp: 683

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.2	37.8#
110	21.7	27.9	41.9#

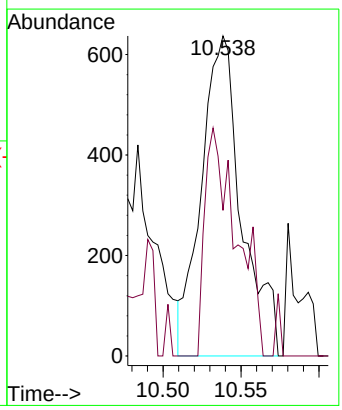


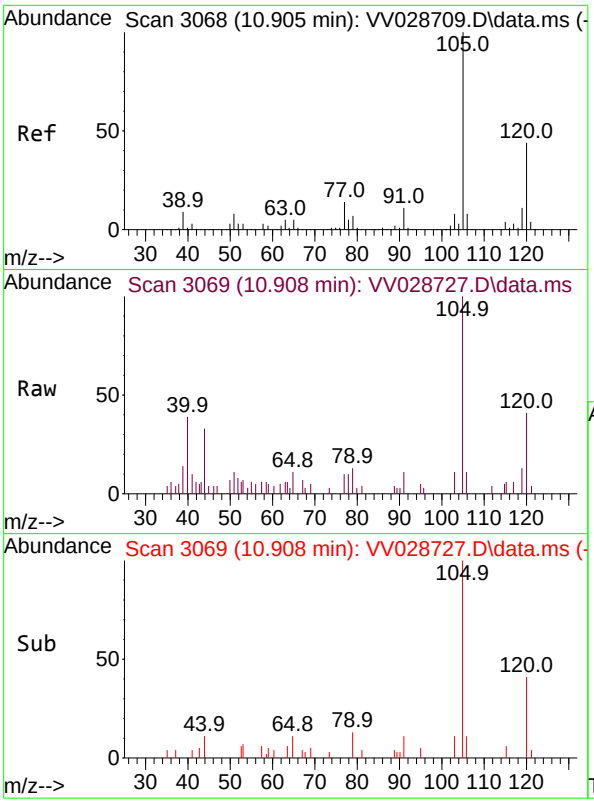


#62
1,3,5-Trimethylbenzene
Concen: 0.060 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.006 min
Lab File: VV028727.D
Acq: 27 Oct 2022 18:29

Tgt Ion:105 Resp: 1148

Ion	Ratio	Lower	Upper
105	100		
120	56.5	38.3	57.5



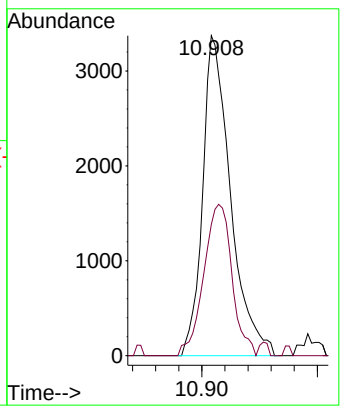


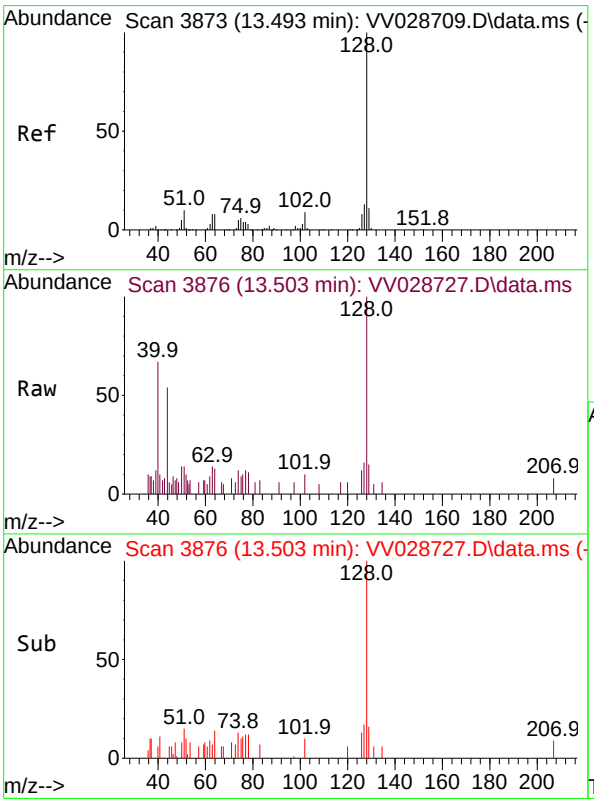
#63
1,2,4-Trimethylbenzene
Concen: 0.106 ug/L
RT: 10.908 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV028727.D
Acq: 27 Oct 2022 18:29

Instrument :
MSVOA_V
ClientSampleId :
BHAC9

Tgt Ion:105 Resp: 5651

Ion	Ratio	Lower	Upper
105	100		
120	47.9	36.2	54.2





#71
Naphthalene
Concen: 0.132 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.010 min
Lab File: VV028727.D
Acq: 27 Oct 2022 18:29

Tgt Ion:128 Resp: 3734

Ion	Ratio	Lower	Upper
128	100		
129	12.7	8.9	13.3
127	20.7	10.2	15.4#