Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102722\
Data File : VV028739.D
Acq On : 28 Oct 2022 00:41
Operator : SY/MD
Sample : N5232-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHAD4

Quant Time: Oct 28 05:38:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 28 05:21:35 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	211309	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	196847	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	88689	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	75050	5.107	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 102.200%			
7) Chloroethane-d5	1.565	69	72706	5.851	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 117.000%			
11) 1,1-Dichloroethene-d2	2.101	63	116255	4.090	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 81.800%			
20) 2-Butanone-d5	3.896	46	252921	75.475	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 150.960%#			
24) Chloroform-d	4.343	84	158554	6.213	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 124.200%			
26) 1,2-Dichloroethane-d4	5.027	65	83659	6.461	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 129.200%			
32) Benzene-d6	5.043	84	295214	5.608	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 112.200%			
36) 1,2-Dichloropropane-d6	6.066	67	110513	6.632	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 132.600%			
41) Toluene-d8	7.310	98	239023	5.819	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 116.400%			
43) trans-1,3-Dichloroprop...	7.622	79	26148	5.051	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 101.000%			
46) 2-Hexanone-d5	8.085	63	209424	86.900	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 173.800%#			
56) 1,1,2,2-Tetrachloroeth...	10.210	84	77603	7.022	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 140.400%#			
66) 1,2-Dichlorobenzene-d4	11.619	152	80275	6.562	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 131.200%#			
Target Compounds						Qvalue
3) Chloromethane	1.240	50	1399	0.084	ug/L #	81
8) Chloroethane	1.590	64	31450	2.798	ug/L #	51
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	1169	0.089	ug/L #	27
12) 1,1-Dichloroethene	2.105	96	1266	0.109	ug/L #	1
13) Acetone	2.188	43	11522	5.793	ug/L	73
14) Carbon disulfide	2.291	76	1869	0.070	ug/L #	69
25) Chloroform	4.368	83	78680	2.867	ug/L	100
33) Benzene	5.105	78	3426	0.058	ug/L	100
35) Methylcyclohexane	6.066	83	23062	1.145	ug/L #	16
37) 1,2-Dichloropropane	6.066	63	12084	0.804	ug/L #	87
42) Toluene	7.391	91	13344	0.239	ug/L	100
48) 2-Hexanone	8.085	43	26353	4.185	ug/L #	78
51) Chlorobenzene	8.886	112	5993	0.171	ug/L	89
52) Ethylbenzene	9.018	91	2591	0.042	ug/L	97
53) m,p-Xylene	9.146	106	3609	0.161	ug/L	78
54) o-Xylene	9.542	106	1220	0.054	ug/L	64
60) Isopropylbenzene	9.931	105	1902	0.034	ug/L #	91
61) 1,2,3-Trichloropropane	11.239	75	14260	1.873	ug/L #	71
62) 1,3,5-Trimethylbenzene	10.538	105	535	0.033	ug/L	90

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102722\
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MSVOA_V
ClientSampleId :
BHAD4

Quant Time: Oct 28 05:38:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 28 05:21:35 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 : VV028739.D
Acq On : 28 Oct 2022 00:41
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ClientSampleId :
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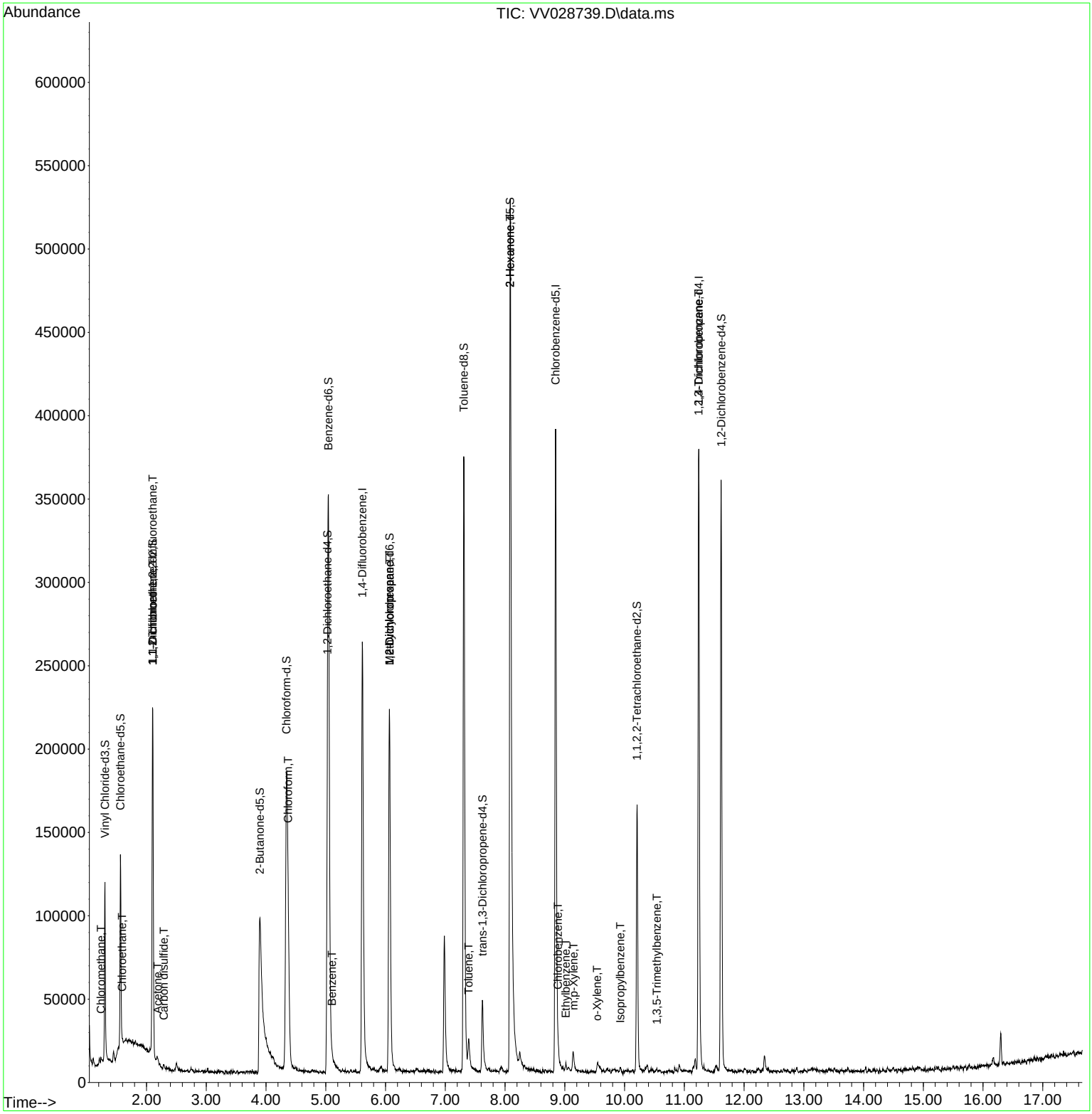
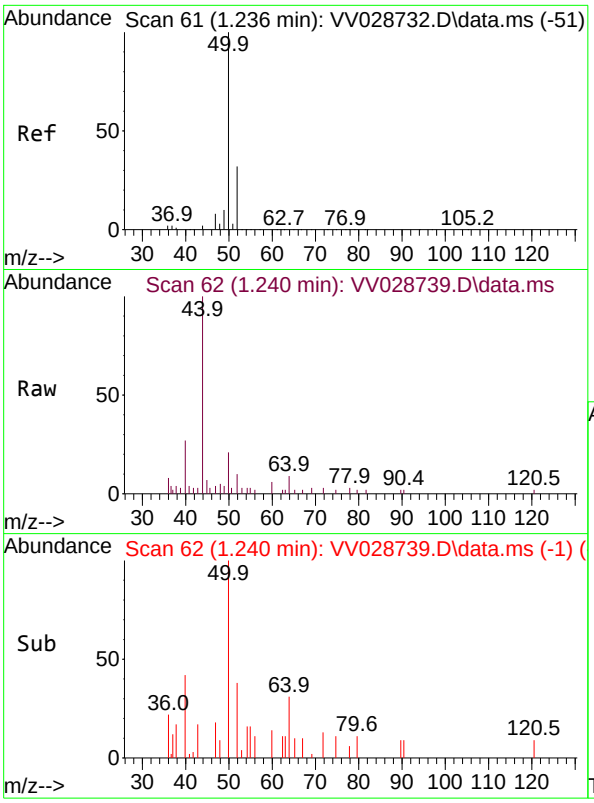
Quant Time: Oct 28 05:38:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 28 05:21:35 2022
Response via : Initial Calibration



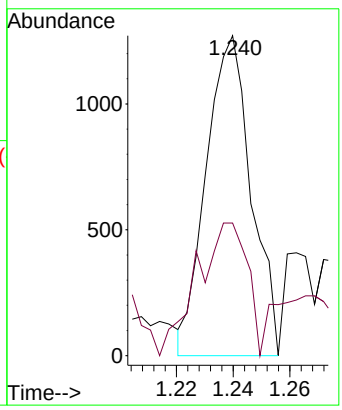


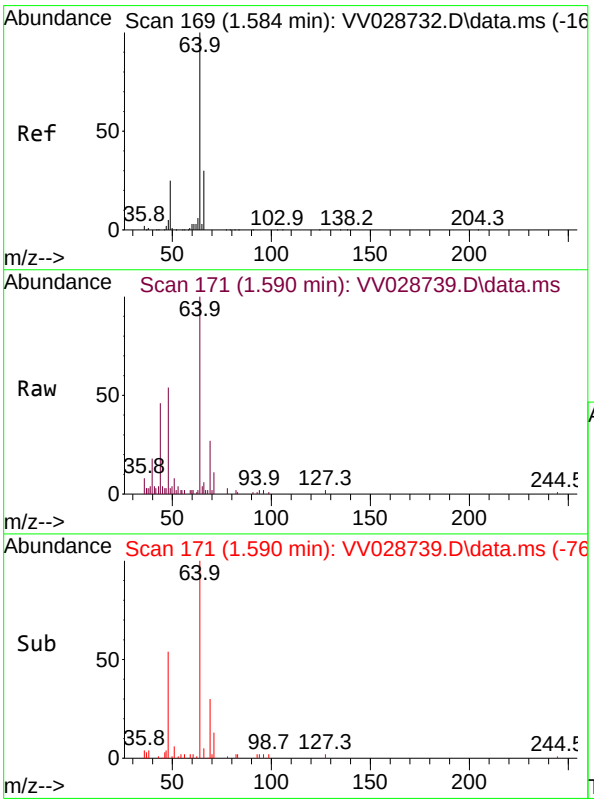
#3
Chloromethane
Concen: 0.084 ug/L
RT: 1.240 min Scan# 6
Delta R.T. 0.003 min
Lab File: VV028739.D
Acq: 28 Oct 2022 00:41

Instrument :
MSVOA_V
ClientSampleId :
BHAD4

Tgt Ion: 50 Resp: 1399

Ion	Ratio	Lower	Upper
50	100		
52	41.5	21.8	40.6#

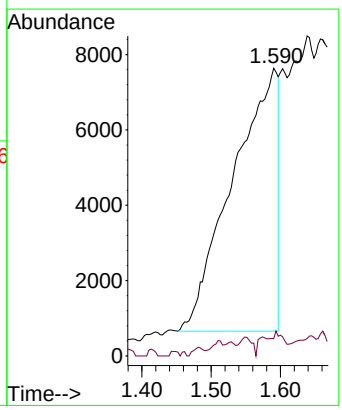


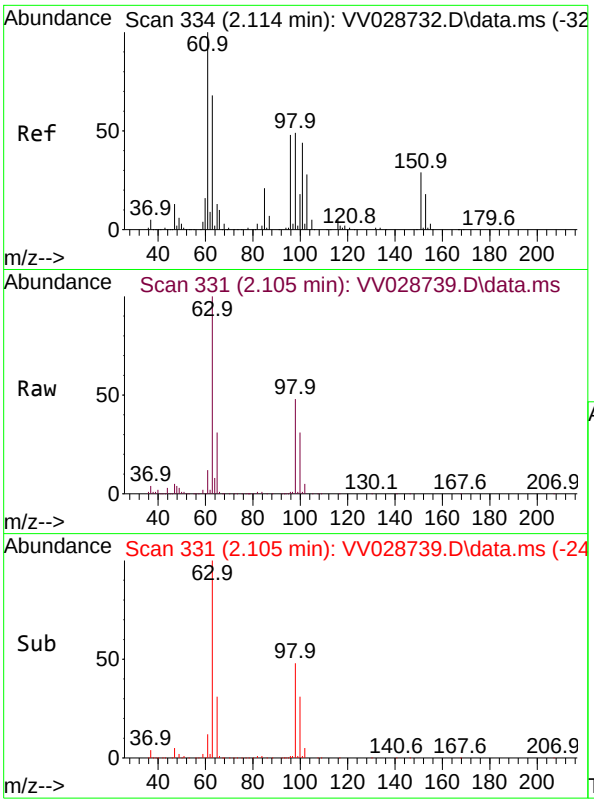


#8
Chloroethane
Concen: 2.798 ug/L
RT: 1.590 min Scan# 171
Delta R.T. 0.007 min
Lab File: VV028739.D
Acq: 28 Oct 2022 00:41

Tgt Ion: 64 Resp: 31450

Ion	Ratio	Lower	Upper
64	100		
66	6.0	23.9	44.5#



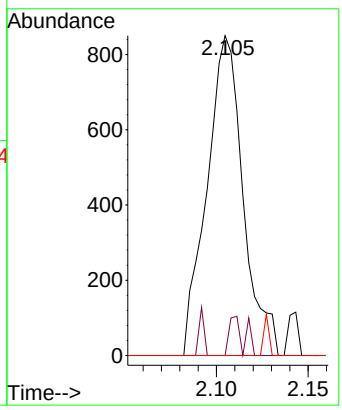


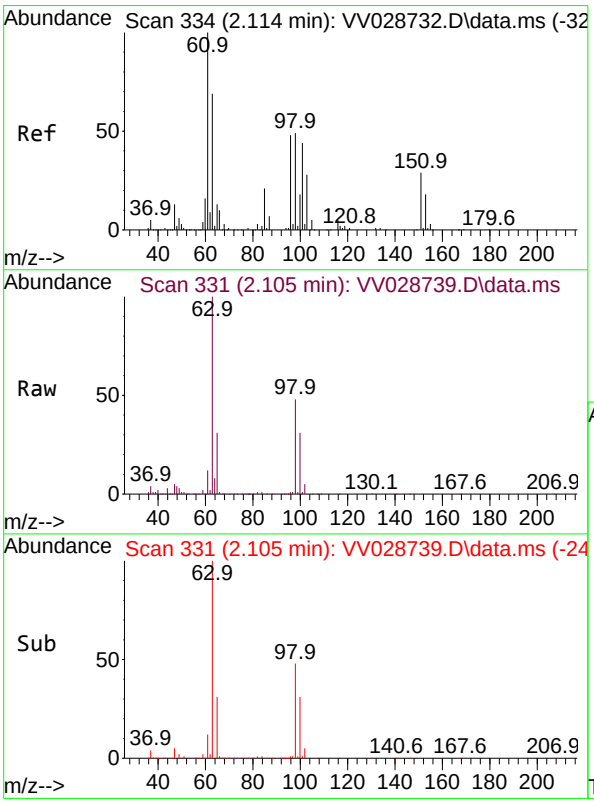
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.089 ug/L
RT: 2.105 min Scan# 3
Delta R.T. -0.009 min
Lab File: VV028739.D
Acq: 28 Oct 2022 00:41

Instrument :
MSVOA_V
ClientSampleId :
BHAD4

Tgt Ion:101 Resp: 1169

Ion	Ratio	Lower	Upper
101	100		
85	5.0	37.0	55.6#
151	0.0	50.2	75.2#

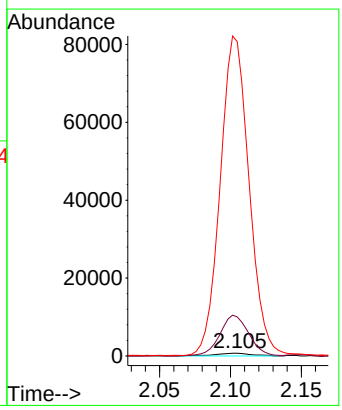


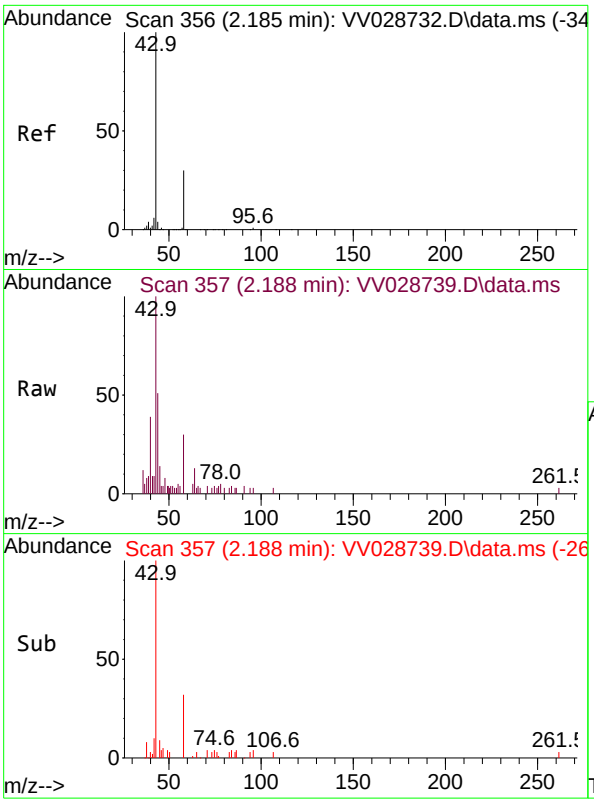


#12
1,1-Dichloroethene
Concen: 0.109 ug/L
RT: 2.105 min Scan# 331
Delta R.T. -0.009 min
Lab File: VV028739.D
Acq: 28 Oct 2022 00:41

Tgt Ion: 96 Resp: 1266

Ion	Ratio	Lower	Upper
96	100		
61	802.6	148.1	275.1#
63	6470.6	133.3	247.7#



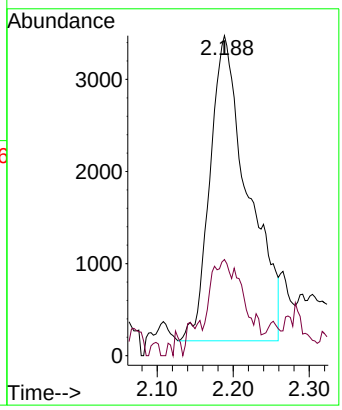


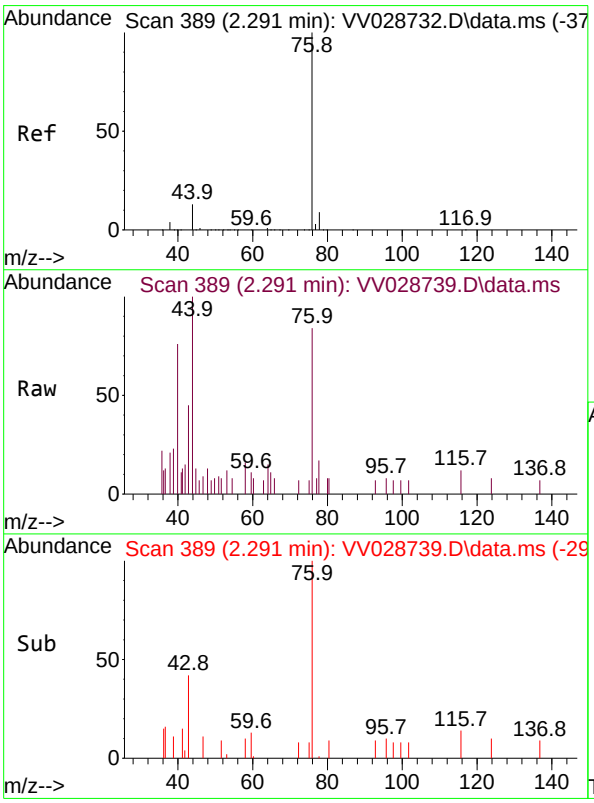
#13
Acetone
Concen: 5.793 ug/L
RT: 2.188 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV028739.D
Acq: 28 Oct 2022 00:41

Instrument :
MSVOA_V
ClientSampleId :
BHAD4

Tgt Ion: 43 Resp: 11522

Ion	Ratio	Lower	Upper
43	100		
58	11.4	0.0	50.2

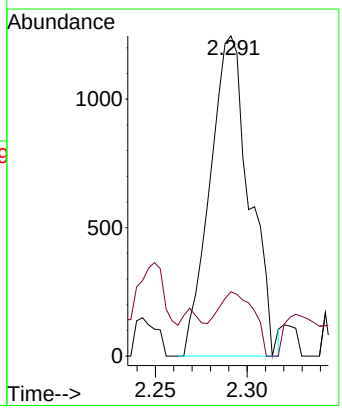


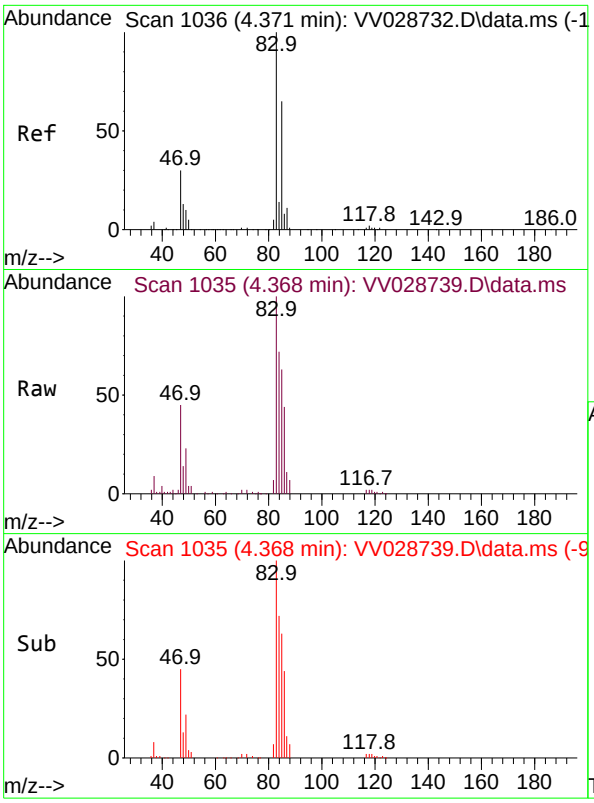


#14
Carbon disulfide
Concen: 0.070 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.000 min
Lab File: VV028739.D
Acq: 28 Oct 2022 00:41

Tgt Ion: 76 Resp: 1869

Ion	Ratio	Lower	Upper
76	100		
78	20.1	7.1	10.7#



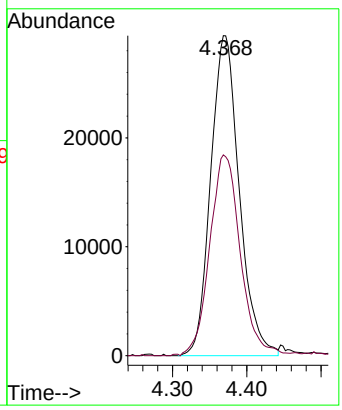


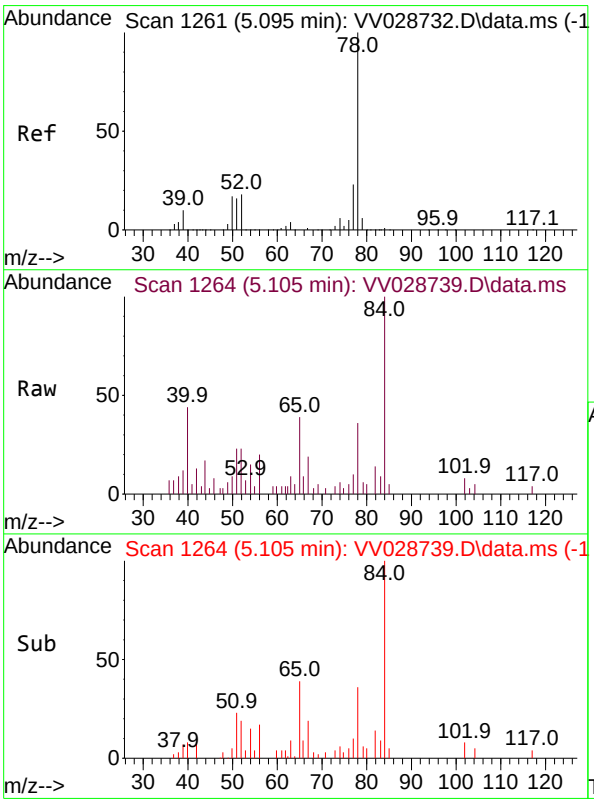
#25
Chloroform
Concen: 2.867 ug/L
RT: 4.368 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV028739.D
Acq: 28 Oct 2022 00:41

Instrument :
MSVOA_V
ClientSampleId :
BHAD4

Tgt Ion: 83 Resp: 78680

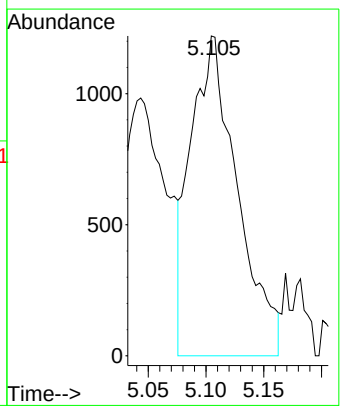
Ion	Ratio	Lower	Upper
83	100		
85	62.8	44.1	81.9

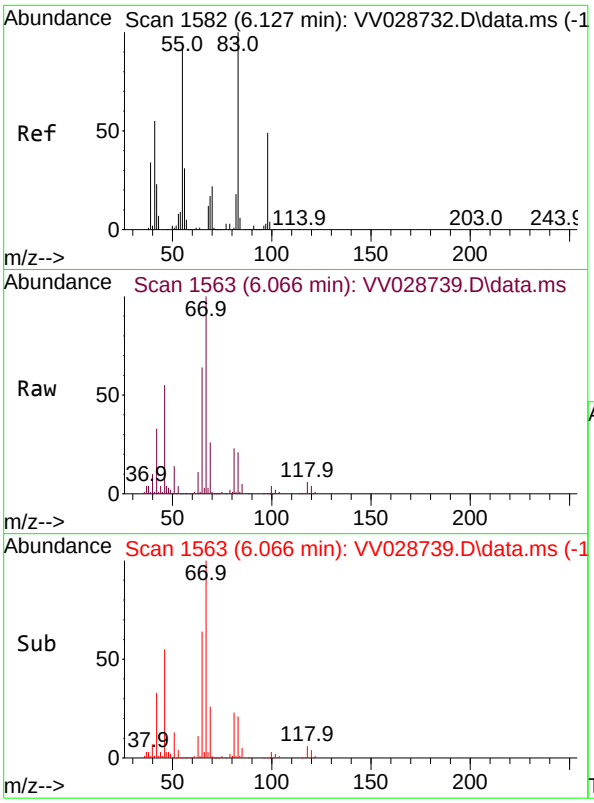




#33
Benzene
Concen: 0.058 ug/L
RT: 5.105 min Scan# 1264
Delta R.T. 0.010 min
Lab File: VV028739.D
Acq: 28 Oct 2022 00:41

Tgt Ion: 78 Resp: 3426



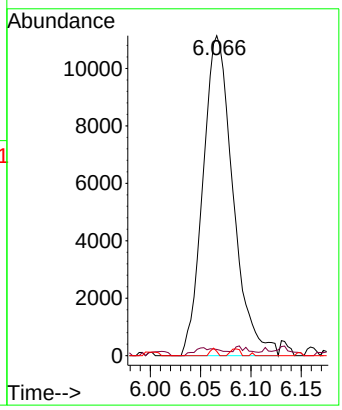


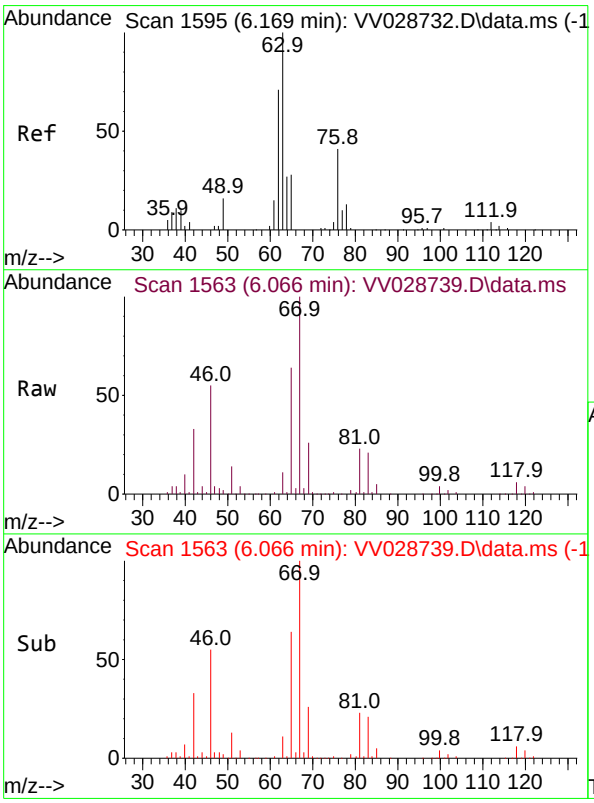
#35
Methylcyclohexane
Concen: 1.145 ug/L
RT: 6.066 min Scan# 1
Delta R.T. -0.061 min
Lab File: VV028739.D
Acq: 28 Oct 2022 00:41

Instrument :
MSVOA_V
ClientSampleId :
BHAD4

Tgt Ion: 83 Resp: 23062

Ion	Ratio	Lower	Upper
83	100		
55	2.2	70.0	105.0#
98	0.5	35.6	53.4#

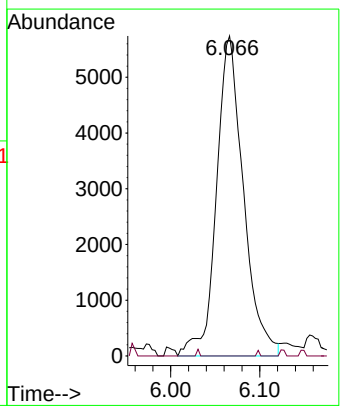


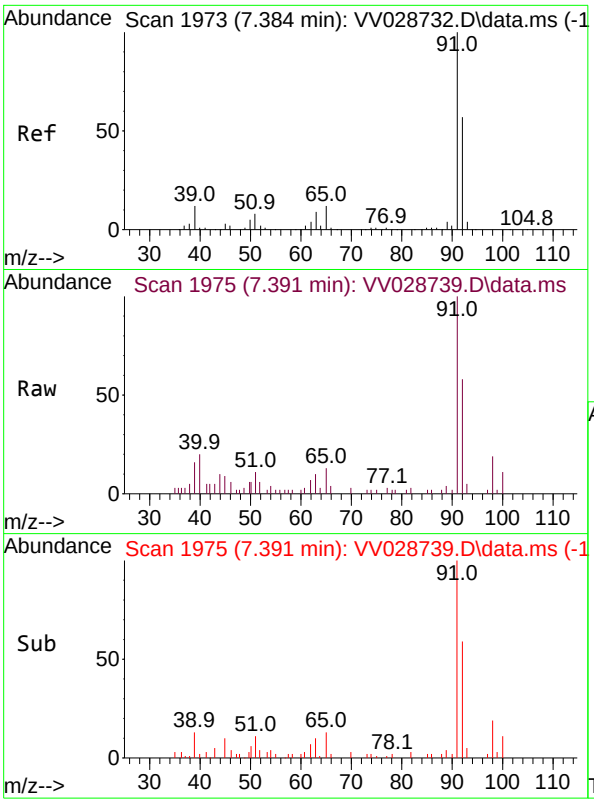


#37
1,2-Dichloropropane
Concen: 0.804 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.103 min
Lab File: VV028739.D
Acq: 28 Oct 2022 00:41

Tgt Ion: 63 Resp: 12084

Ion	Ratio	Lower	Upper
63	100		
112	0.2	3.4	5.2#



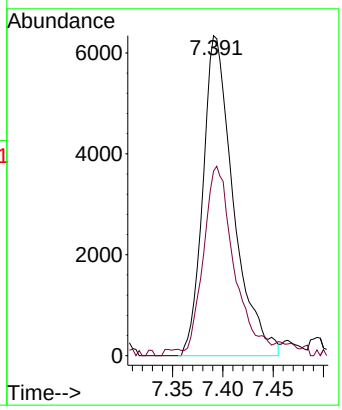


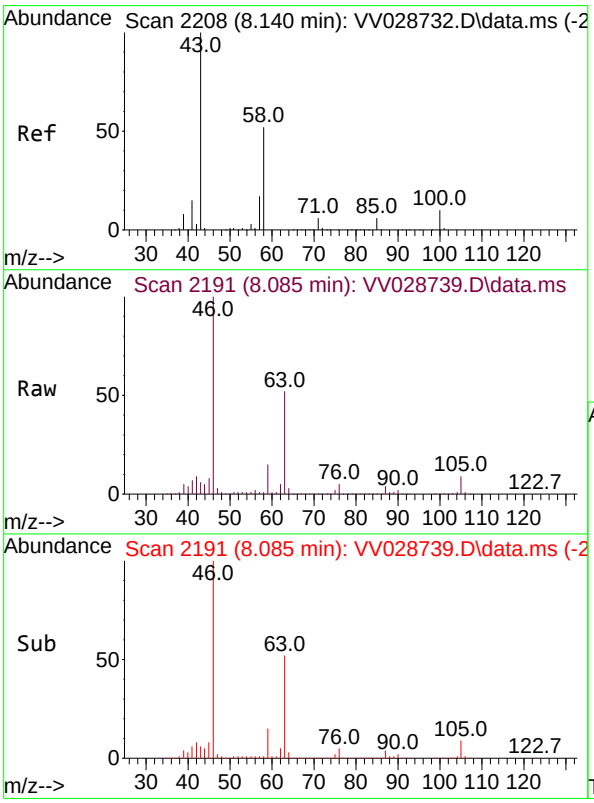
#42
Toluene
Concen: 0.239 ug/L
RT: 7.391 min Scan# 1
Delta R.T. 0.007 min
Lab File: VV028739.D
Acq: 28 Oct 2022 00:41

Instrument :
MSVOA_V
ClientSampleId :
BHAD4

Tgt Ion: 91 Resp: 13344

Ion	Ratio	Lower	Upper
91	100		
92	57.7	40.5	75.3

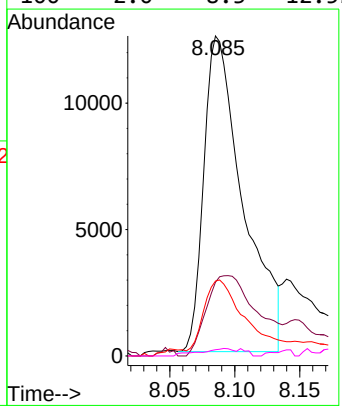


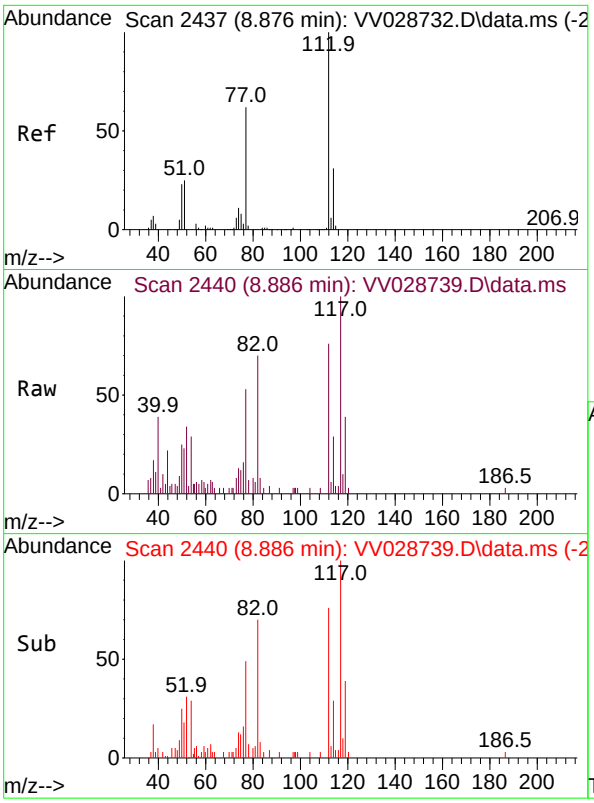


#48
2-Hexanone
Concen: 4.185 ug/L
RT: 8.085 min Scan# 2191
Delta R.T. -0.055 min
Lab File: VV028739.D
Acq: 28 Oct 2022 00:41

Tgt Ion: 43 Resp: 26353

Ion	Ratio	Lower	Upper
43	100		
58	33.1	40.6	60.8#
57	22.9	13.8	20.8#
100	2.0	8.3	12.5#



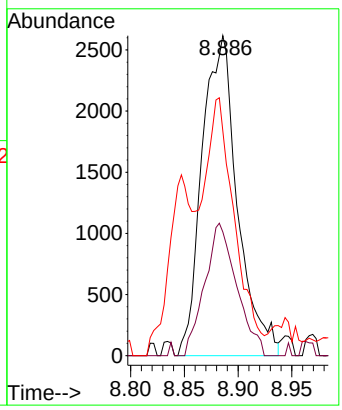


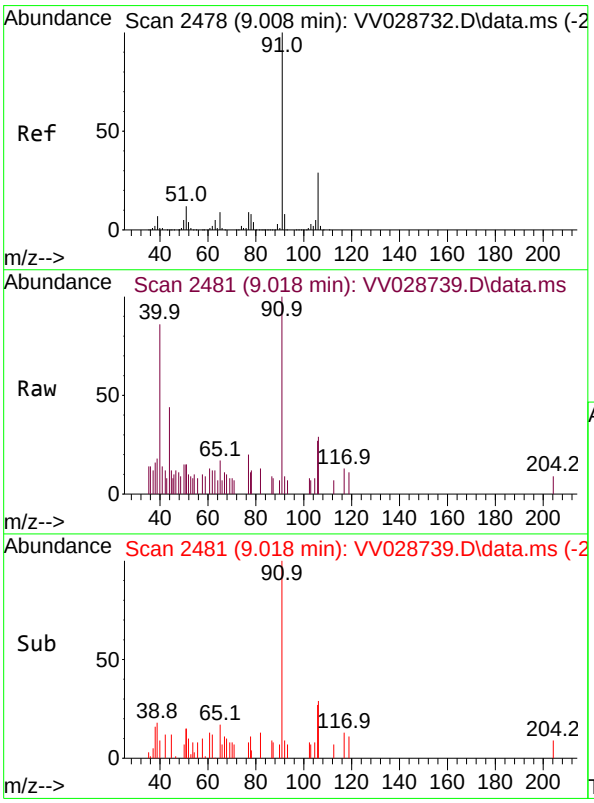
#51
Chlorobenzene
Concen: 0.171 ug/L
RT: 8.886 min Scan# 24
Delta R.T. 0.010 min
Lab File: VV028739.D
Acq: 28 Oct 2022 00:41

Instrument :
MSVOA_V
ClientSampleId :
BHAD4

Tgt Ion:112 Resp: 5993

Ion	Ratio	Lower	Upper
112	100		
114	38.6	22.0	41.0
77	70.2	50.0	75.0

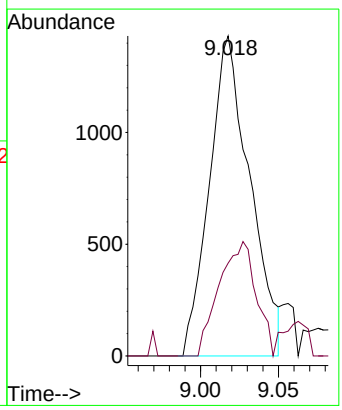


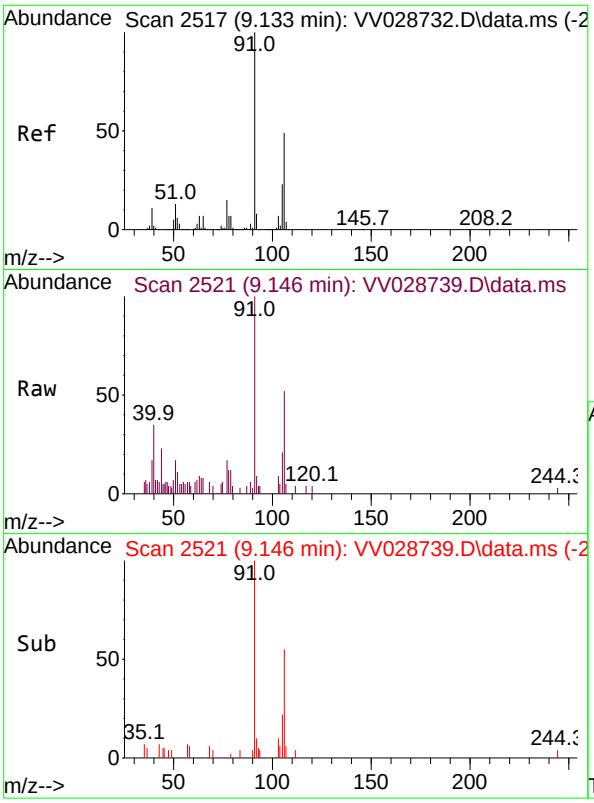


#52
Ethylbenzene
Concen: 0.042 ug/L
RT: 9.018 min Scan# 2481
Delta R.T. 0.010 min
Lab File: VV028739.D
Acq: 28 Oct 2022 00:41

Tgt Ion: 91 Resp: 2591

Ion	Ratio	Lower	Upper
91	100		
106	29.0	21.3	39.6



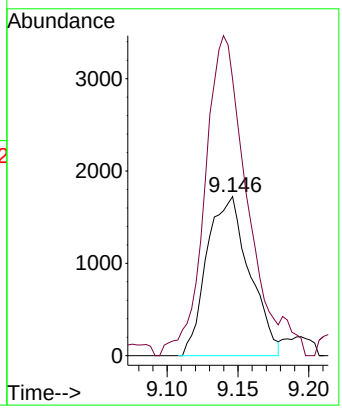


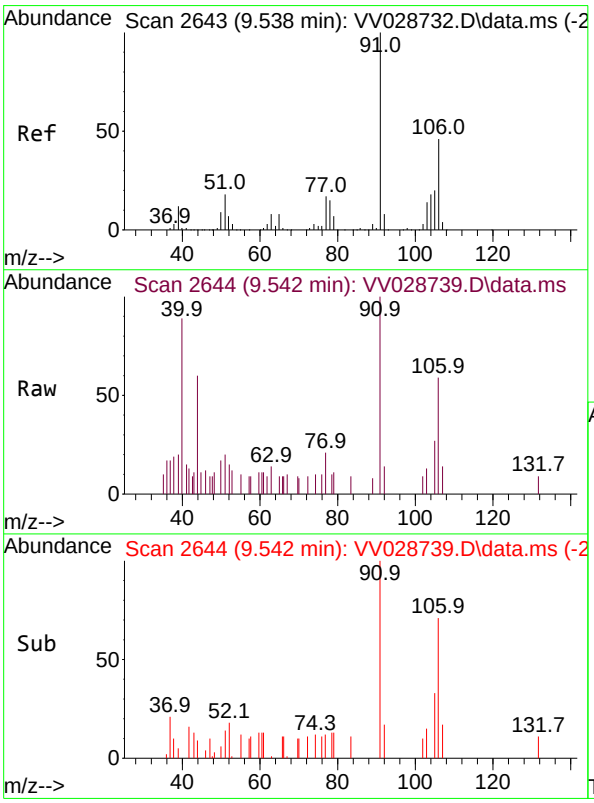
#53
m,p-Xylene
Concen: 0.161 ug/L
RT: 9.146 min Scan# 2
Delta R.T. 0.013 min
Lab File: VV028739.D
Acq: 28 Oct 2022 00:41

Instrument :
MSVOA_V
ClientSampleId :
BHAD4

Tgt Ion:106 Resp: 3609

Ion	Ratio	Lower	Upper
106	100		
91	173.8	145.5	270.1

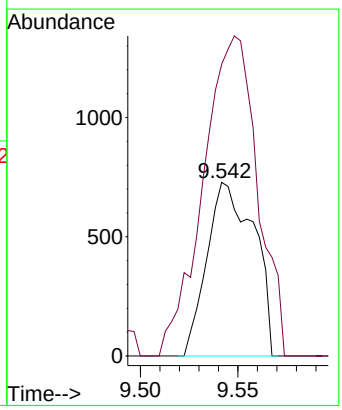


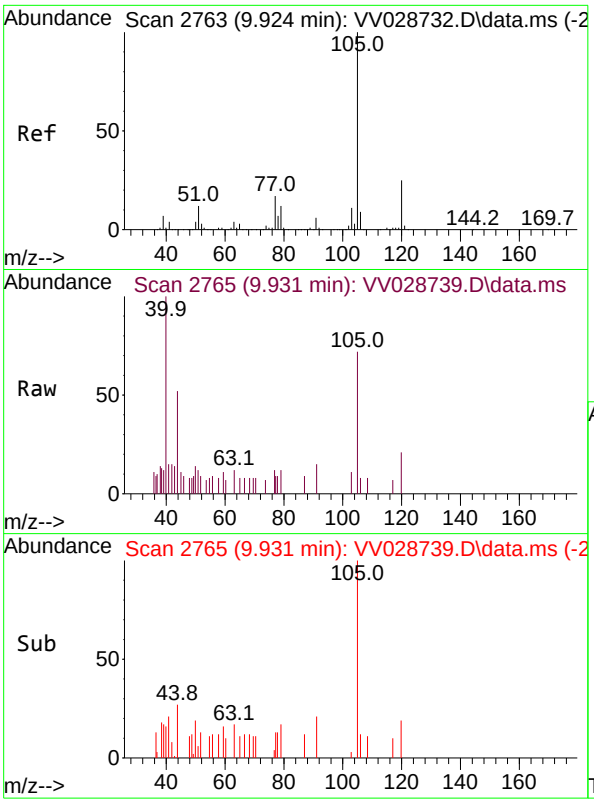


#54
o-Xylene
Concen: 0.054 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.003 min
Lab File: VV028739.D
Acq: 28 Oct 2022 00:41

Tgt Ion:106 Resp: 1220

Ion	Ratio	Lower	Upper
106	100		
91	168.1	159.0	295.4



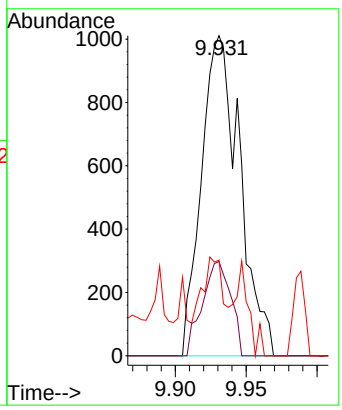


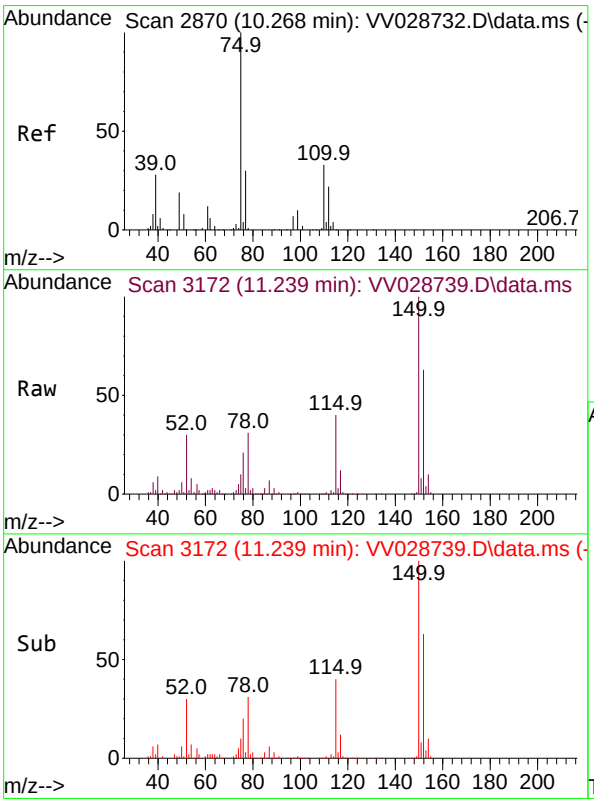
#60
Isopropylbenzene
Concen: 0.034 ug/L
RT: 9.931 min Scan# 2
Delta R.T. 0.007 min
Lab File: VV028739.D
Acq: 28 Oct 2022 00:41

Instrument :
MSVOA_V
ClientSampleId :
BHAD4

Tgt Ion:105 Resp: 1902

Ion	Ratio	Lower	Upper
105	100		
120	21.8	20.1	30.1
77	10.9	13.4	20.0#

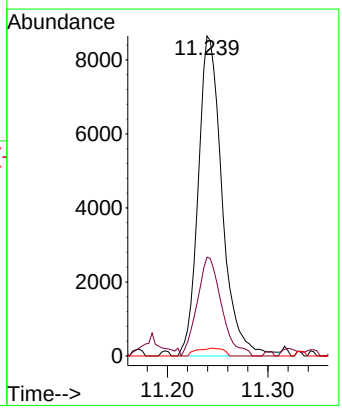


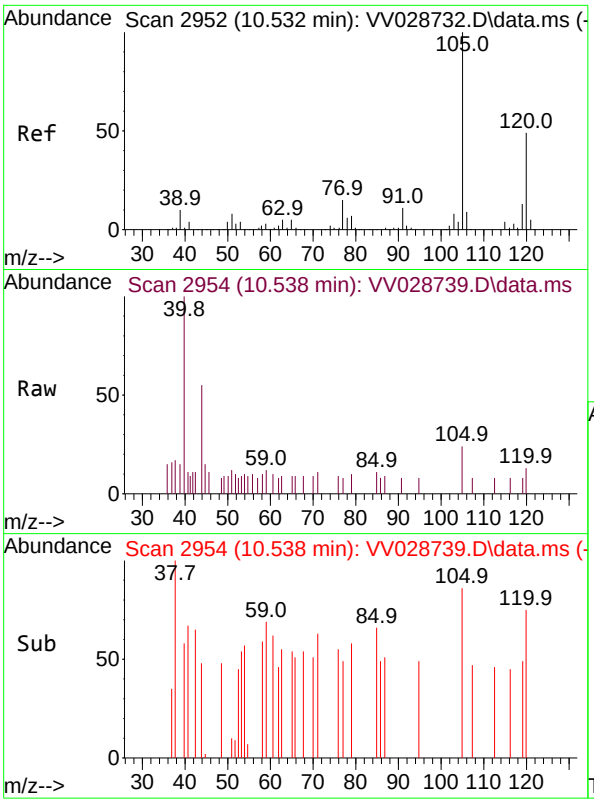


#61
1,2,3-Trichloropropane
Concen: 1.873 ug/L
RT: 11.239 min Scan# 3172
Delta R.T. 0.971 min
Lab File: VV028739.D
Acq: 28 Oct 2022 00:41

Tgt Ion: 75 Resp: 14260

Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.2	37.8
110	2.7	27.9	41.9#





#62
1,3,5-Trimethylbenzene
Concen: 0.033 ug/L
RT: 10.538 min Scan# 2
Delta R.T. 0.007 min
Lab File: VV028739.D
Acq: 28 Oct 2022 00:41

Instrument :
MSVOA_V
ClientSampleId :
BHAD4

Tgt Ion:105 Resp: 535

Ion	Ratio	Lower	Upper
105	100		
120	41.1	38.3	57.5