Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102722\
Data File : VV028731.D
Acq On : 27 Oct 2022 20:07
Operator : SY/MD
Sample : N5233-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHAD8

Quant Time: Oct 28 02:21:01 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	5.616	114	174172	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	162509	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	67854	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	82074	6.775	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 135.600%#			
7) Chloroethane-d5	1.568	69	74754	7.299	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 146.000%#			
11) 1,1-Dichloroethene-d2	2.105	63	117285	5.006	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 100.200%			
20) 2-Butanone-d5	3.896	46	174244	63.084	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 126.160%			
24) Chloroform-d	4.346	84	132212	6.286	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 125.800%#			
26) 1,2-Dichloroethane-d4	5.031	65	68345	6.404	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 128.000%			
32) Benzene-d6	5.047	84	268901	6.187	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 123.800%			
36) 1,2-Dichloropropane-d6	6.066	67	87950	6.393	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 127.800%			
41) Toluene-d8	7.313	98	212543	6.267	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 125.400%			
43) trans-1,3-Dichloroprop...	7.625	79	12646	2.959	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 59.200%			
46) 2-Hexanone-d5	8.088	63	104713	52.631	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 105.260%			
56) 1,1,2,2-Tetrachloroeth...	10.210	84	54185	5.939	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 118.800%			
66) 1,2-Dichlorobenzene-d4	11.619	152	61677	6.590	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 131.800%#			
Target Compounds						Qvalue
3) Chloromethane	1.240	50	2628	0.192	ug/L #	66
5) Vinyl chloride	1.311	62	737	0.054	ug/L #	1
8) Chloroethane	1.458	64	161584	17.442	ug/L #	49
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	1157	0.107	ug/L #	34
13) Acetone	2.182	43	17705	10.799	ug/L	91
14) Carbon disulfide	2.294	76	2714	0.123	ug/L #	93
16) Methylene chloride	2.507	84	2882	0.218	ug/L	92
22) cis-1,2-Dichloroethene	3.912	96	1217	0.105	ug/L #	87
25) Chloroform	4.371	83	43472	1.922	ug/L	99
33) Benzene	5.105	78	8929	0.184	ug/L	100
35) Methylcyclohexane	6.066	83	20091	1.209	ug/L #	15
40) 4-Methyl-2-pentanone	7.137	43	16442	2.238	ug/L #	47
42) Toluene	7.394	91	10727	0.233	ug/L	99
51) Chlorobenzene	8.886	112	2055	0.071	ug/L #	85
52) Ethylbenzene	9.018	91	4142	0.081	ug/L	93
53) m,p-Xylene	9.140	106	4074	0.220	ug/L	90
61) 1,2,3-Trichloropropane	11.243	75	10585	1.817	ug/L #	69
62) 1,3,5-Trimethylbenzene	11.333	105	780	0.063	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.423	75	180	0.150	ug/L #	9

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102722\
Data File : VV028731.D
Acq On : 27 Oct 2022 20:07
Operator : SY/MD
Sample : N5233-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHAD8

Quant Time: Oct 28 02:21:01 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

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102722\
Data File : VV028731.D
Acq On : 27 Oct 2022 20:07
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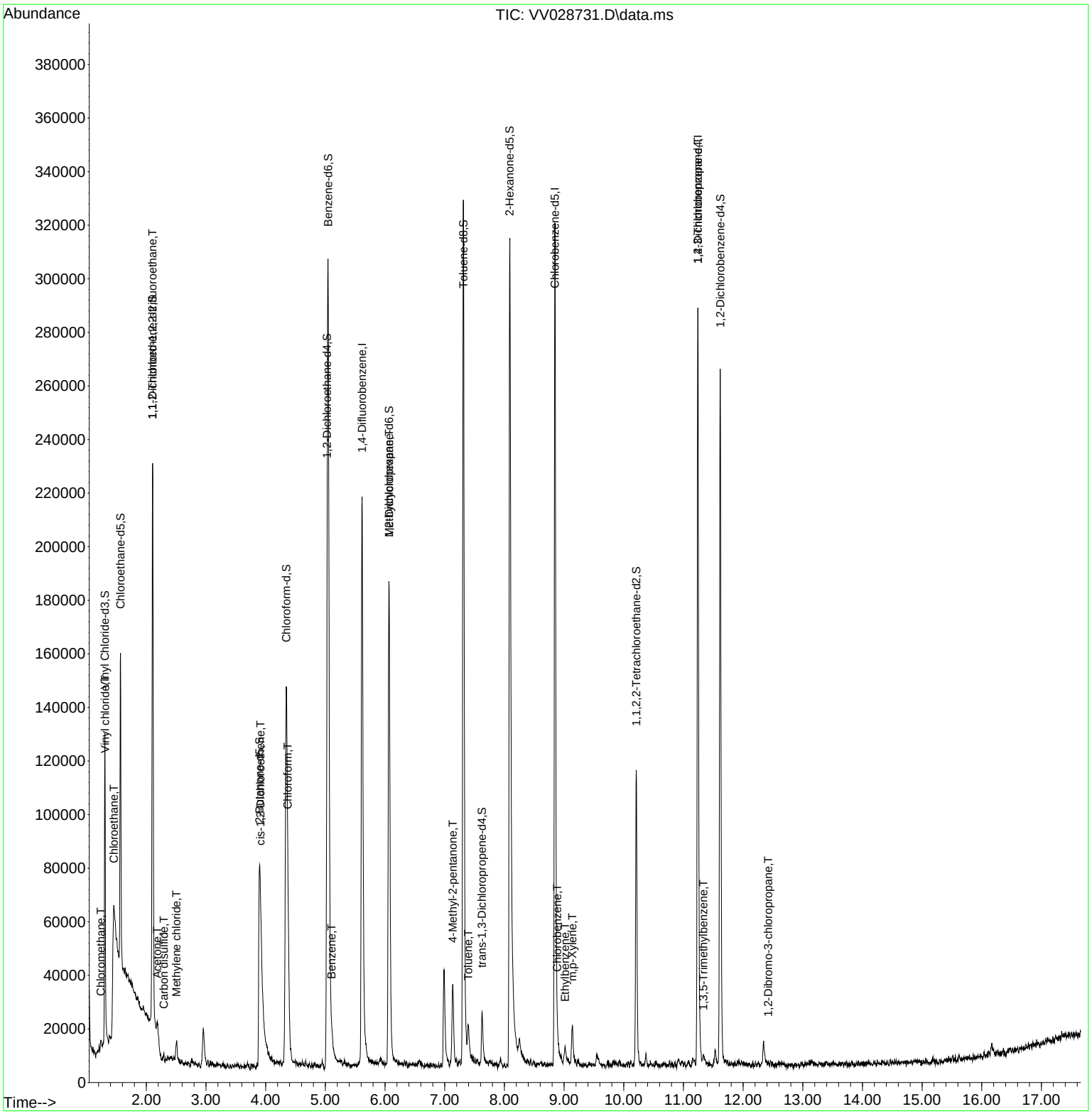
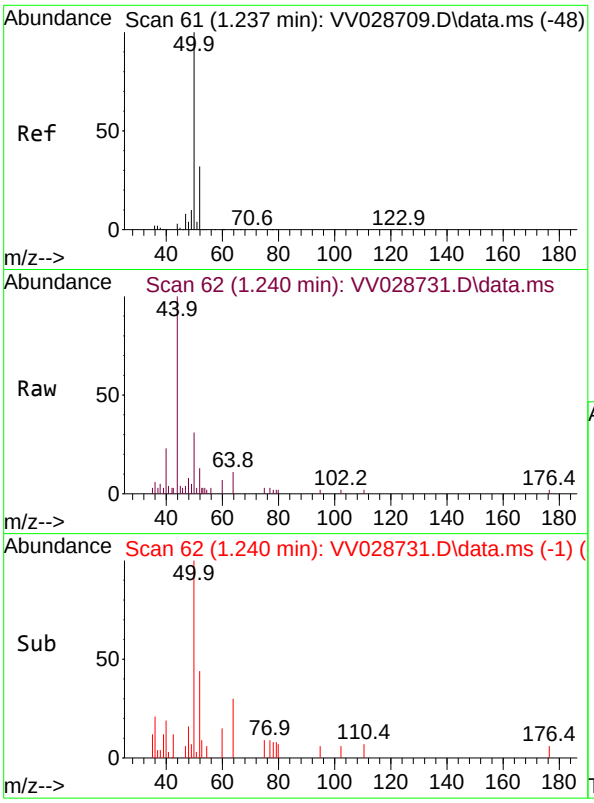
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 28 02:13:29 2022
Response via : Initial Calibration



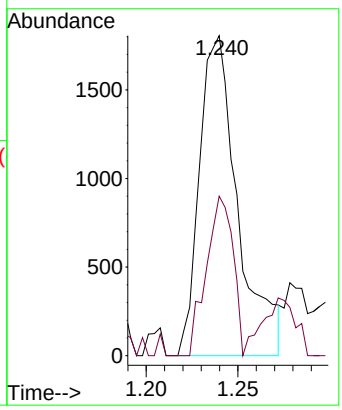


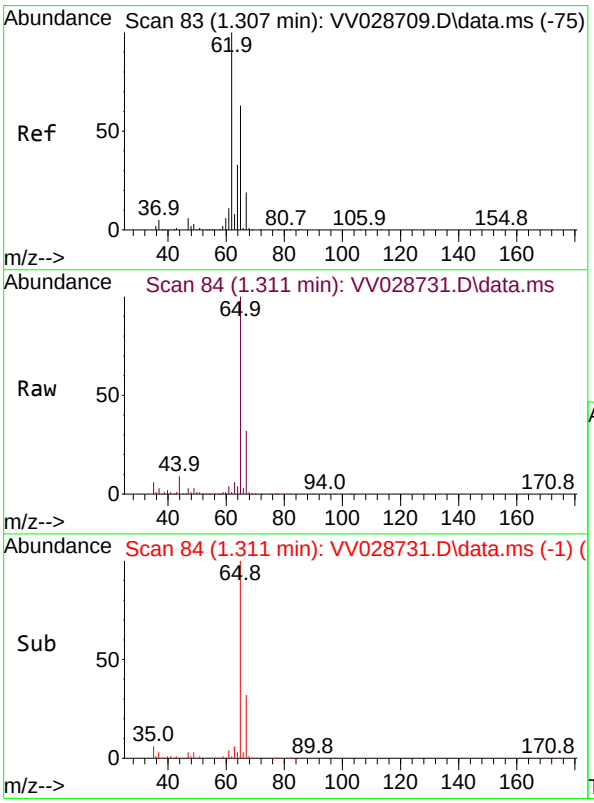
#3
Chloromethane
Concen: 0.192 ug/L
RT: 1.240 min Scan# 6
Delta R.T. 0.003 min
Lab File: VV028731.D
Acq: 27 Oct 2022 20:07

Instrument :
MSVOA_V
ClientSampleId :
BHAD8

Tgt Ion: 50 Resp: 2628

Ion	Ratio	Lower	Upper
50	100		
52	49.8	21.8	40.6#

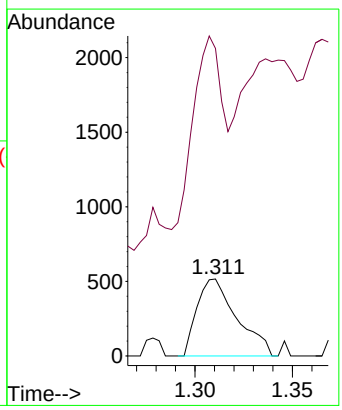


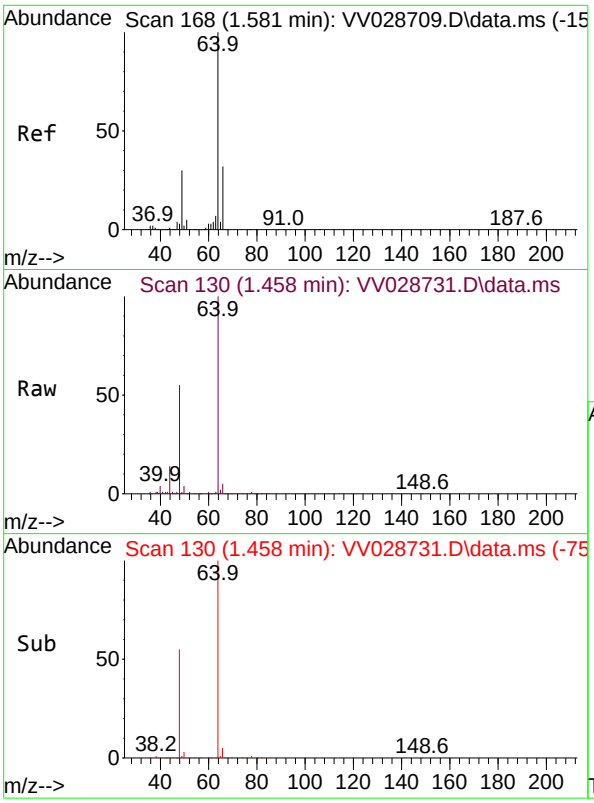


#5
Vinyl chloride
Concen: 0.054 ug/L
RT: 1.311 min Scan# 84
Delta R.T. 0.003 min
Lab File: VV028731.D
Acq: 27 Oct 2022 20:07

Tgt Ion: 62 Resp: 737

Ion	Ratio	Lower	Upper
62	100		
64	399.4	22.0	41.0#



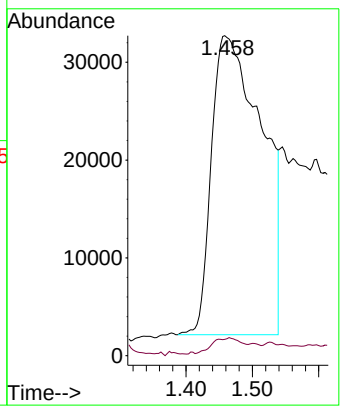


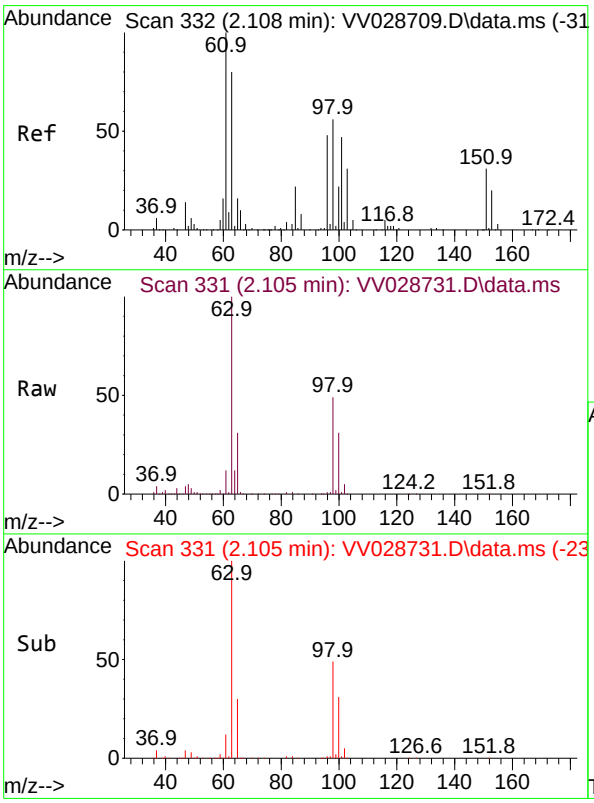
#8
Chloroethane
Concen: 17.442 ug/L
RT: 1.458 min Scan# 1
Delta R.T. -0.122 min
Lab File: VV028731.D
Acq: 27 Oct 2022 20:07

Instrument :
MSVOA_V
ClientSampleId :
BHAD8

Tgt Ion: 64 Resp: 161584

Ion	Ratio	Lower	Upper
64	100		
66	5.1	23.9	44.5#

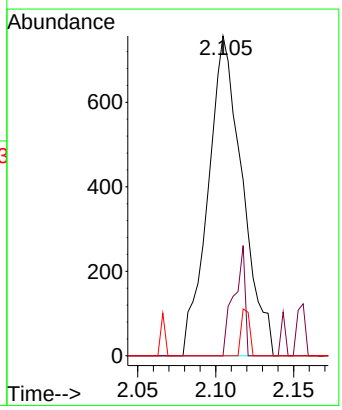


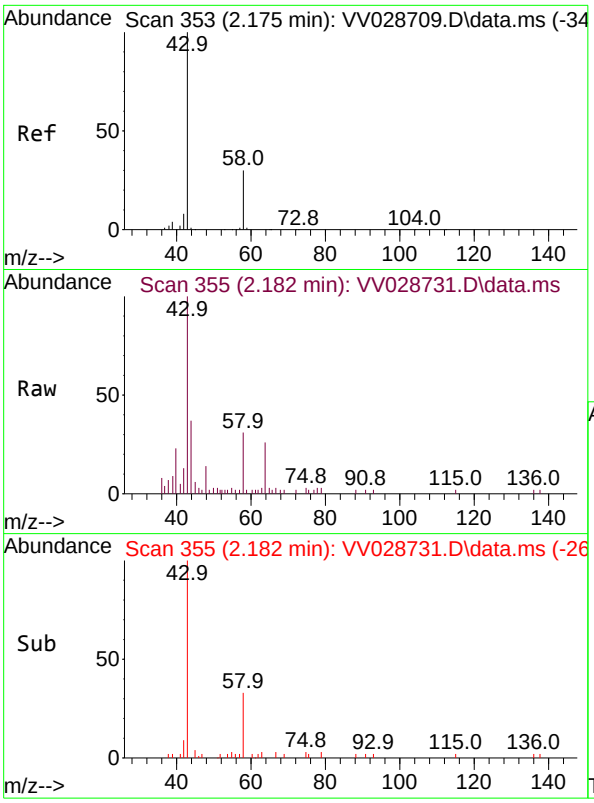


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.107 ug/L
RT: 2.105 min Scan# 331
Delta R.T. -0.003 min
Lab File: VV028731.D
Acq: 27 Oct 2022 20:07

Tgt Ion:101 Resp: 1157

Ion	Ratio	Lower	Upper
101	100		
85	11.2	37.0	55.6#
151	3.5	50.2	75.2#



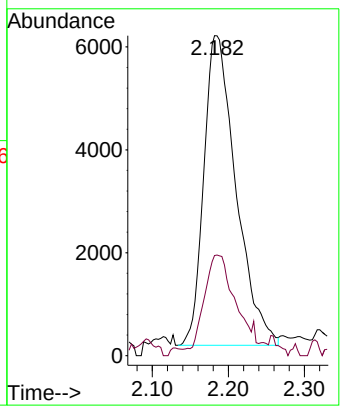


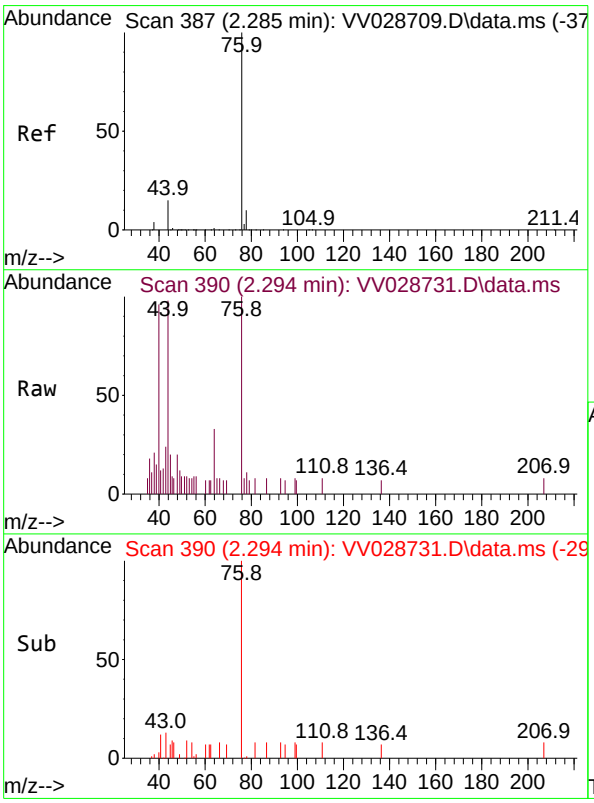
#13
Acetone
Concen: 10.799 ug/L
RT: 2.182 min Scan# 3
Delta R.T. 0.006 min
Lab File: VV028731.D
Acq: 27 Oct 2022 20:07

Instrument :
MSVOA_V
ClientSampleId :
BHAD8

Tgt Ion: 43 Resp: 17705

Ion	Ratio	Lower	Upper
43	100		
58	29.6	0.0	50.2

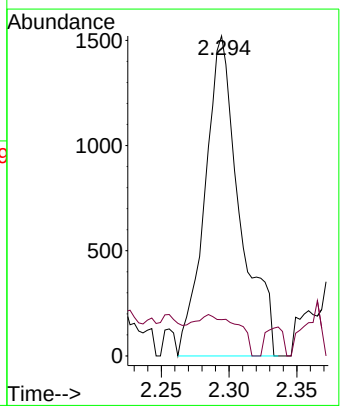


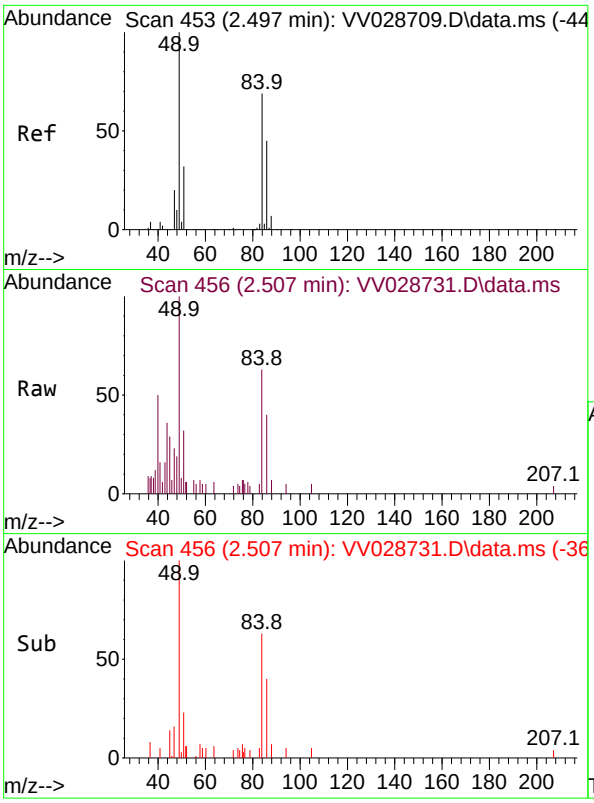


#14
Carbon disulfide
Concen: 0.123 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.010 min
Lab File: VV028731.D
Acq: 27 Oct 2022 20:07

Tgt Ion: 76 Resp: 2714

Ion	Ratio	Lower	Upper
76	100		
78	11.3	7.1	10.7#



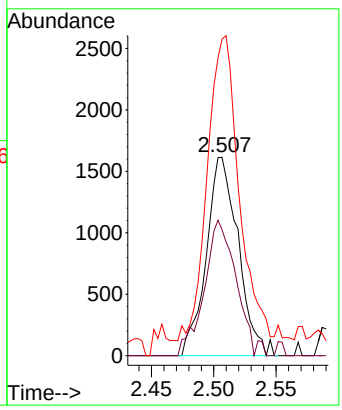


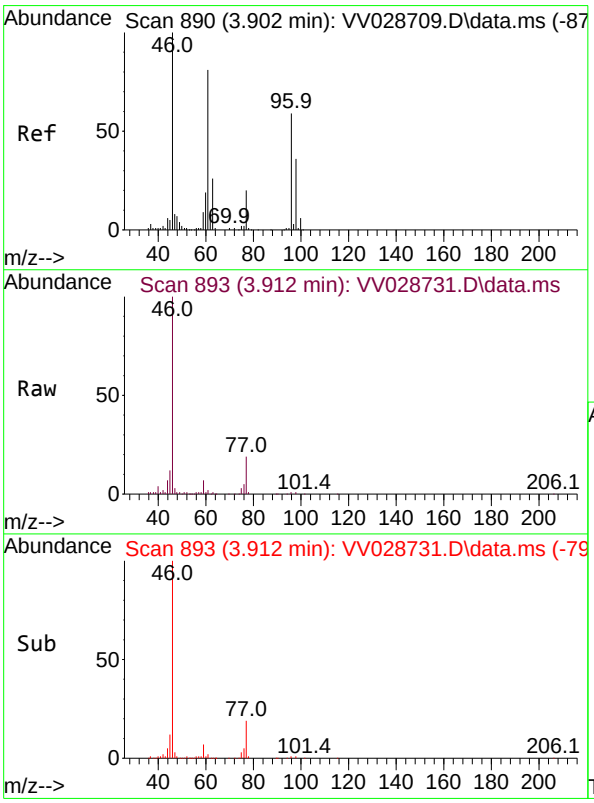
#16
Methylene chloride
Concen: 0.218 ug/L
RT: 2.507 min Scan# 4
Delta R.T. 0.010 min
Lab File: VV028731.D
Acq: 27 Oct 2022 20:07

Instrument :
MSVOA_V
ClientSampleId :
BHAD8

Tgt Ion: 84 Resp: 2882

Ion	Ratio	Lower	Upper
84	100		
86	63.5	44.4	82.4
49	173.0	110.8	205.8

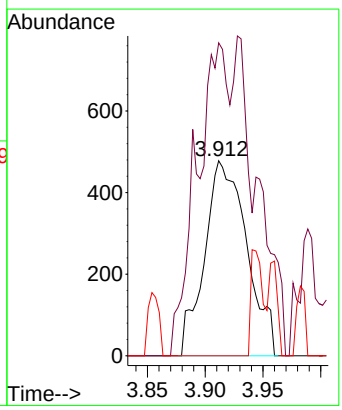


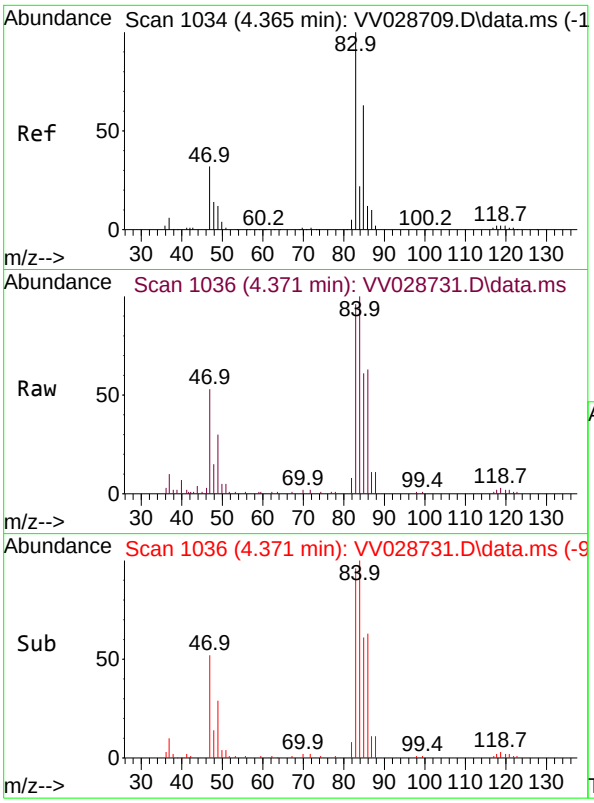


#22
cis-1,2-Dichloroethene
Concen: 0.105 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.010 min
Lab File: VV028731.D
Acq: 27 Oct 2022 20:07

Tgt Ion: 96 Resp: 1217

Ion	Ratio	Lower	Upper
96	100		
61	160.5	101.4	188.2
68	0.0	0.5	0.9#



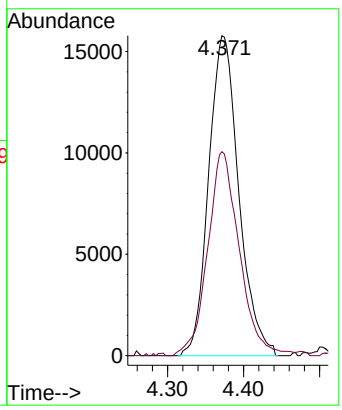


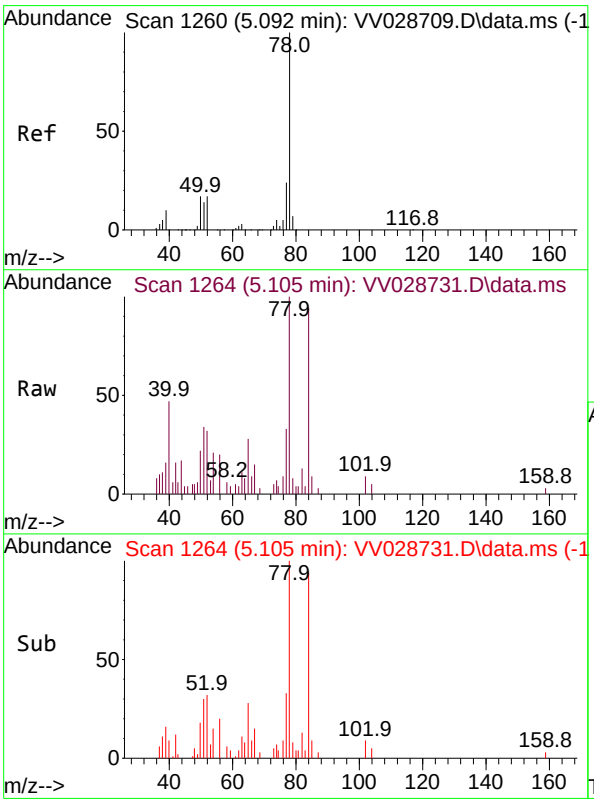
#25
Chloroform
Concen: 1.922 ug/L
RT: 4.371 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV028731.D
Acq: 27 Oct 2022 20:07

Instrument :
MSVOA_V
ClientSampleId :
BHAD8

Tgt Ion: 83 Resp: 43472

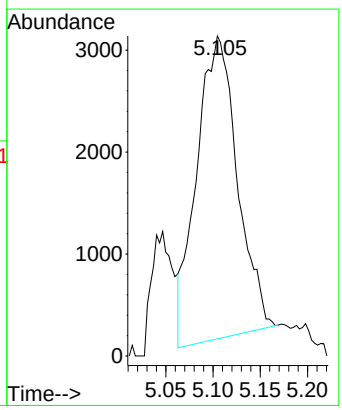
Ion	Ratio	Lower	Upper
83	100		
85	63.7	44.1	81.9

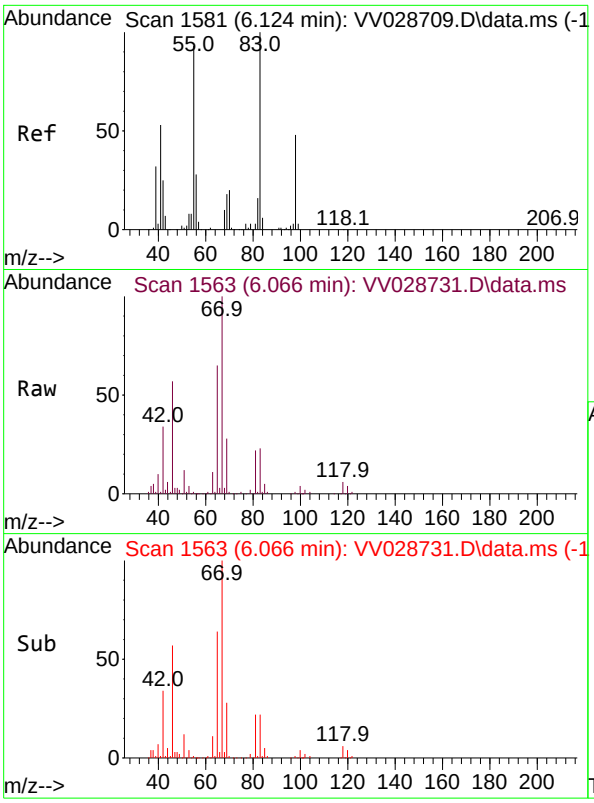




#33
Benzene
Concen: 0.184 ug/L
RT: 5.105 min Scan# 1264
Delta R.T. 0.013 min
Lab File: VV028731.D
Acq: 27 Oct 2022 20:07

Tgt Ion: 78 Resp: 8929



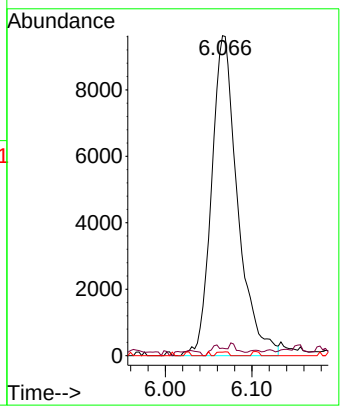


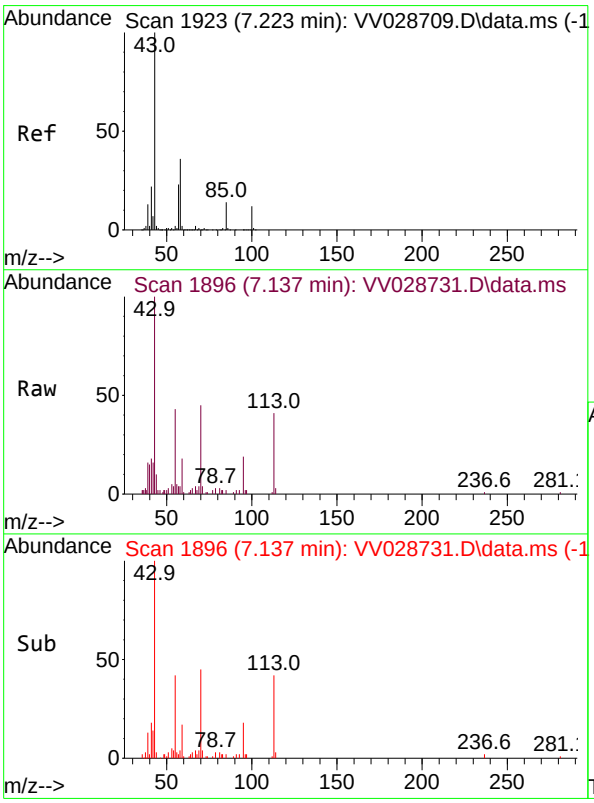
#35
Methylcyclohexane
Concen: 1.209 ug/L
RT: 6.066 min Scan# 1
Delta R.T. -0.058 min
Lab File: VV028731.D
Acq: 27 Oct 2022 20:07

Instrument :
MSVOA_V
ClientSampleId :
BHAD8

Tgt Ion: 83 Resp: 20091

Ion	Ratio	Lower	Upper
83	100		
55	1.1	70.0	105.0#
98	0.5	35.6	53.4#

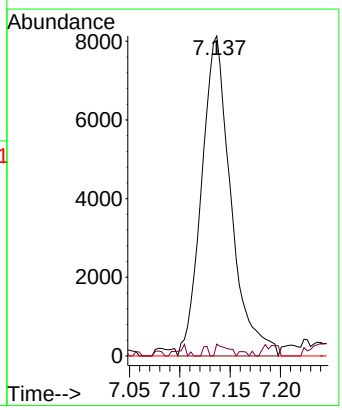


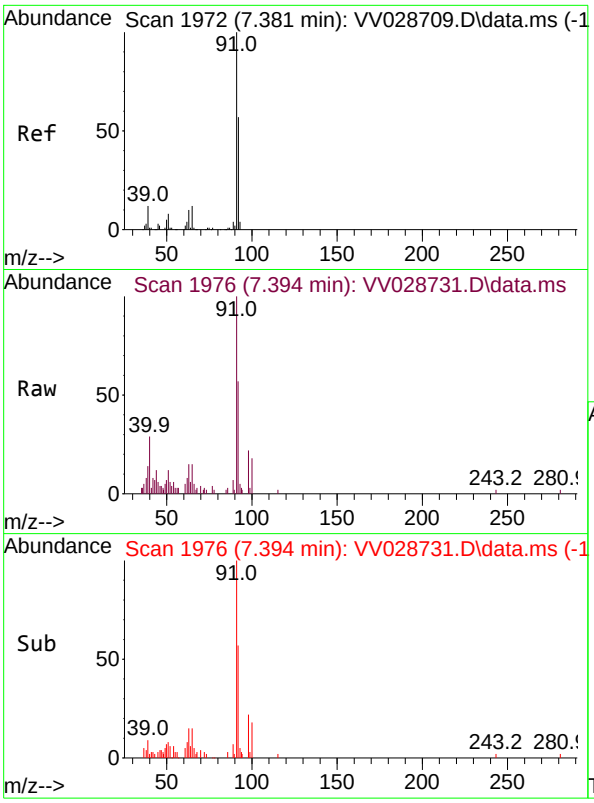


#40
4-Methyl-2-pentanone
Concen: 2.238 ug/L
RT: 7.137 min Scan# 1896
Delta R.T. -0.087 min
Lab File: VV028731.D
Acq: 27 Oct 2022 20:07

Tgt Ion: 43 Resp: 16442

Ion	Ratio	Lower	Upper
43	100		
58	1.5	29.6	44.4#
100	0.0	9.4	14.0#



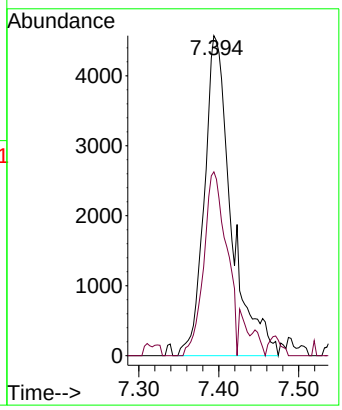


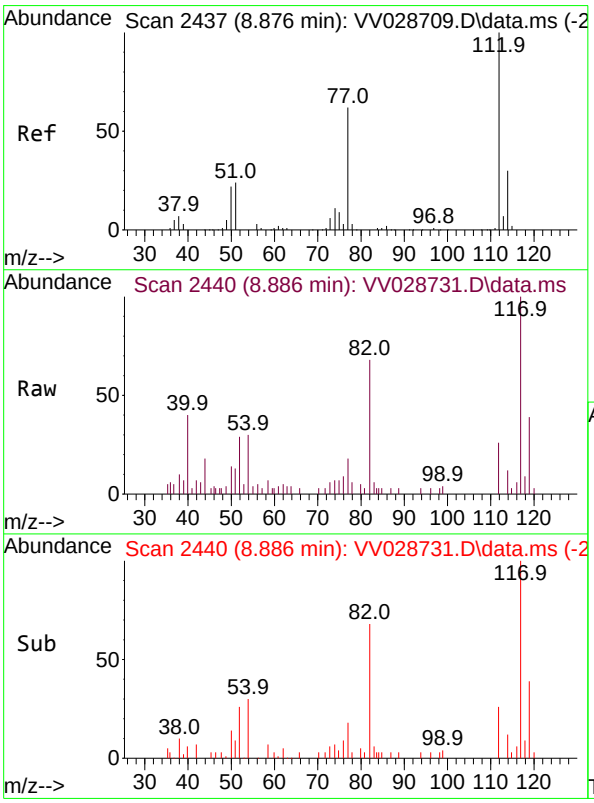
#42
Toluene
Concen: 0.233 ug/L
RT: 7.394 min Scan# 1
Delta R.T. 0.013 min
Lab File: VV028731.D
Acq: 27 Oct 2022 20:07

Instrument :
MSVOA_V
ClientSampleId :
BHAD8

Tgt Ion: 91 Resp: 10727

Ion	Ratio	Lower	Upper
91	100		
92	57.4	40.5	75.3

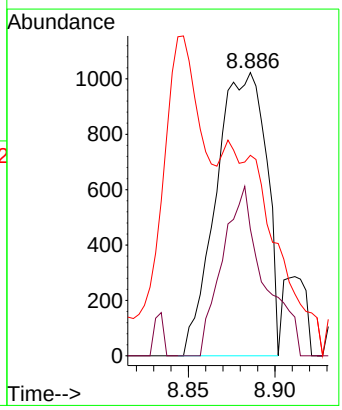


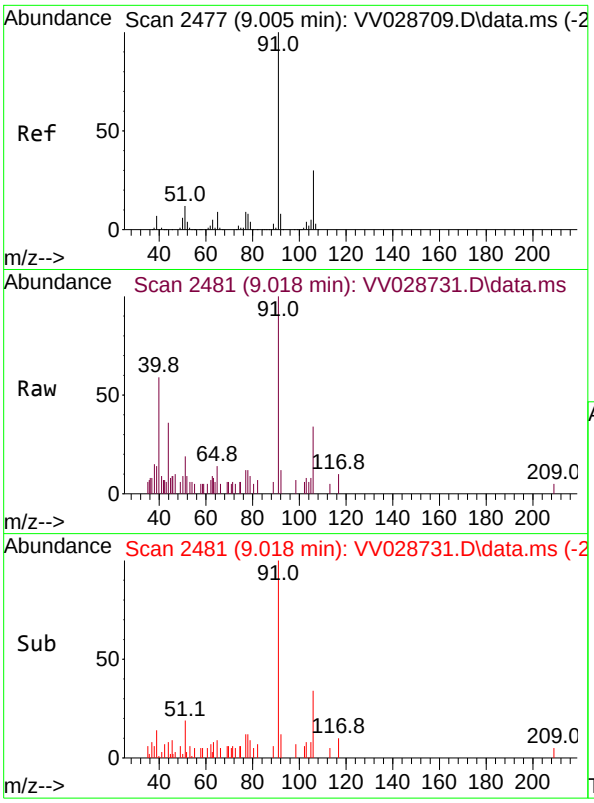


#51
Chlorobenzene
Concen: 0.071 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.010 min
Lab File: VV028731.D
Acq: 27 Oct 2022 20:07

Tgt Ion:112 Resp: 2055

Ion	Ratio	Lower	Upper
112	100		
114	44.8	22.0	41.0#
77	70.8	50.0	75.0



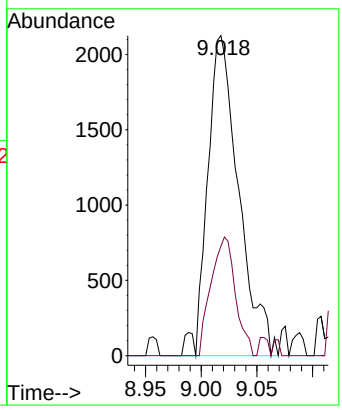


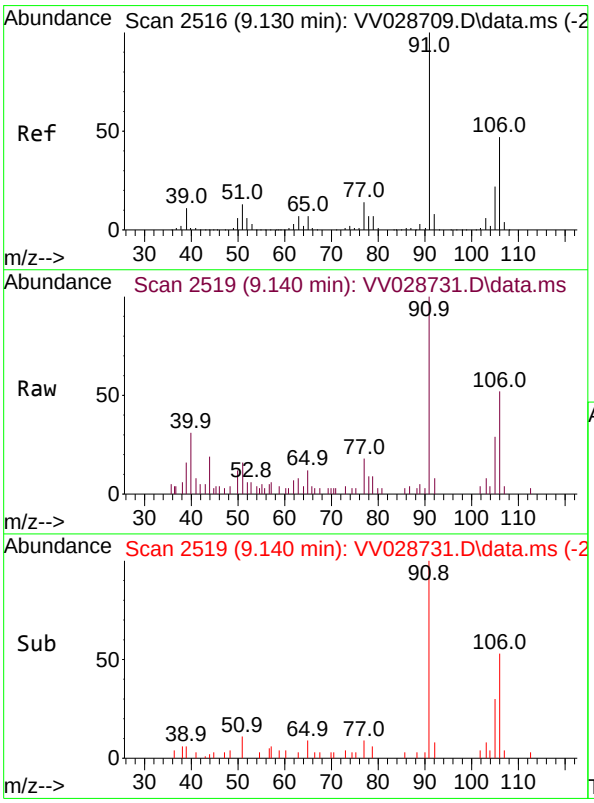
#52
Ethylbenzene
Concen: 0.081 ug/L
RT: 9.018 min Scan# 24
Delta R.T. 0.013 min
Lab File: VV028731.D
Acq: 27 Oct 2022 20:07

Instrument :
MSVOA_V
ClientSampleId :
BHAD8

Tgt Ion: 91 Resp: 4142

Ion	Ratio	Lower	Upper
91	100		
106	34.2	21.3	39.6

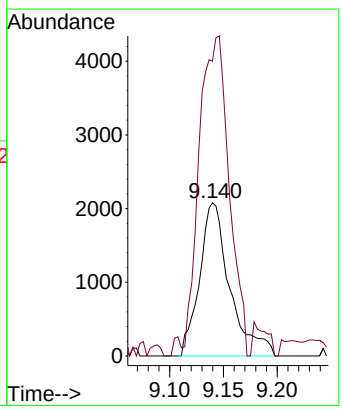


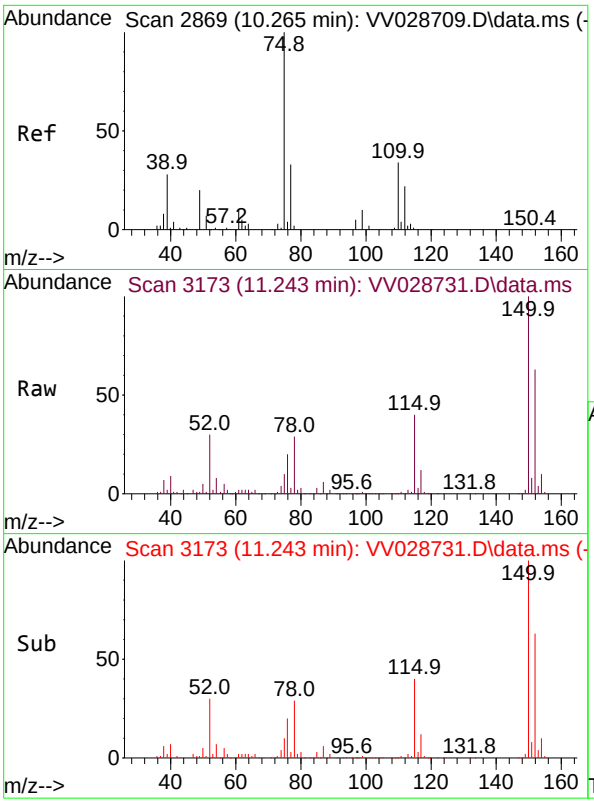


#53
m,p-Xylene
Concen: 0.220 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.010 min
Lab File: VV028731.D
Acq: 27 Oct 2022 20:07

Tgt Ion:106 Resp: 4074

Ion	Ratio	Lower	Upper
106	100		
91	192.4	145.5	270.1



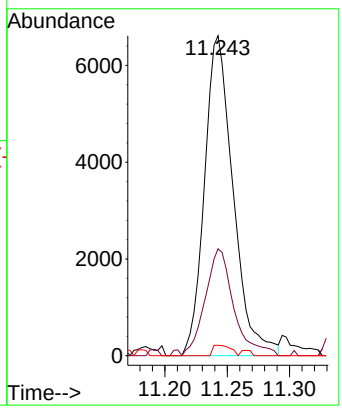


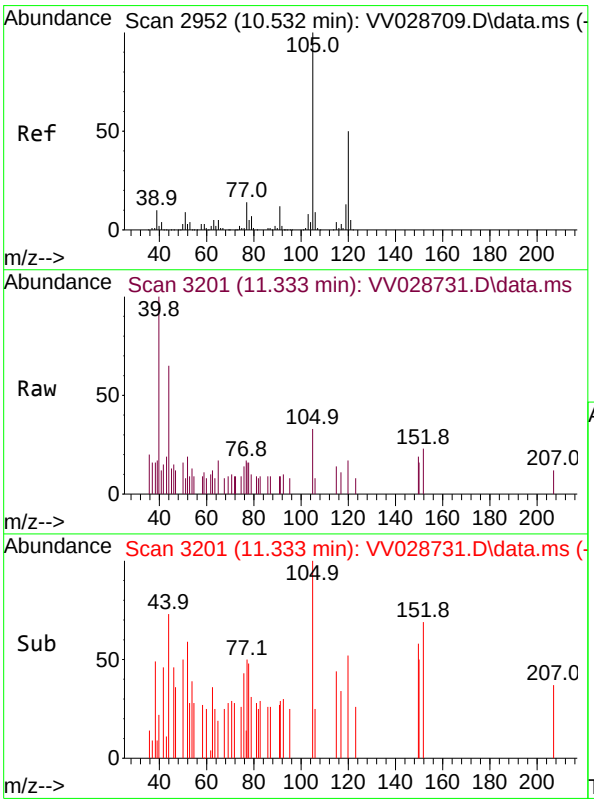
#61
1,2,3-Trichloropropane
Concen: 1.817 ug/L
RT: 11.243 min Scan# 3
Delta R.T. 0.977 min
Lab File: VV028731.D
Acq: 27 Oct 2022 20:07

Instrument :
MSVOA_V
ClientSampleId :
BHAD8

Tgt Ion: 75 Resp: 10585

Ion	Ratio	Lower	Upper
75	100		
77	33.2	25.2	37.8
110	2.0	27.9	41.9#

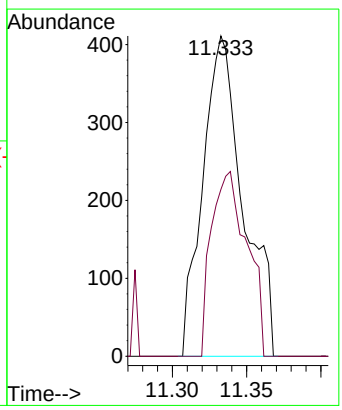


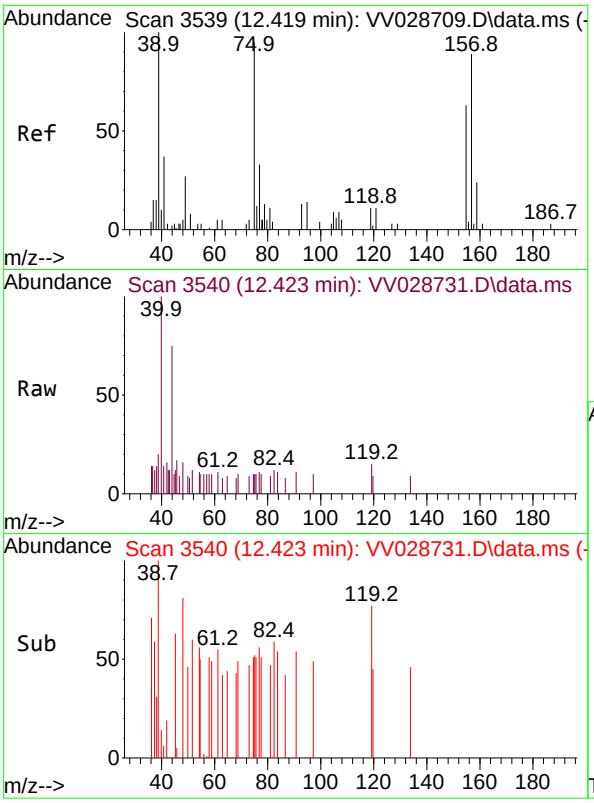


#62
1,3,5-Trimethylbenzene
Concen: 0.063 ug/L
RT: 11.333 min Scan# 3201
Delta R.T. 0.801 min
Lab File: VV028731.D
Acq: 27 Oct 2022 20:07

Tgt Ion:105 Resp: 780

Ion	Ratio	Lower	Upper
105	100		
120	50.6	38.3	57.5





#68
1,2-Dibromo-3-chloropropane
Concen: 0.150 ug/L
RT: 12.423 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV028731.D
Acq: 27 Oct 2022 20:07

Instrument :
MSVOA_V
ClientSampleId :
BHAD8

Tgt Ion: 75 Resp: 180

Ion	Ratio	Lower	Upper
75	100		
155	0.0	58.2	87.2#
157	0.0	71.5	107.3#