Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102022\
Data File : VV028645.D
Acq On : 20 Oct 2022 19:24
Operator : SY/MD
Sample : N5216-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHA83

Quant Time: Oct 21 01:13:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102022WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 21 00:53:32 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	158336	5.000	ug/L	0.01
28) Chlorobenzene-d5	8.847	117	151234	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	65691	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	84789	5.409	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 108.200%			
7) Chloroethane-d5	1.564	69	69633	5.651	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 113.000%			
11) 1,1-Dichloroethene-d2	2.105	63	118013	4.332	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 86.600%			
20) 2-Butanone-d5	3.896	46	82108	27.829	ug/L	-0.06
Spiked Amount 50.000	Range 40 - 130		Recovery = 55.660%			
24) Chloroform-d	4.342	84	114690	4.932	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.600%			
26) 1,2-Dichloroethane-d4	5.027	65	54140	4.299	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.000%			
32) Benzene-d6	5.047	84	241267	3.667	ug/L	0.02
Spiked Amount 5.000	Range 70 - 125		Recovery = 73.400%			
36) 1,2-Dichloropropane-d6	6.066	67	77800	3.771	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 75.400%			
41) Toluene-d8	7.310	98	199484	4.192	ug/L	0.01
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.800%			
43) trans-1,3-Dichloroprop...	7.622	79	18981	3.789	ug/L	0.01
Spiked Amount 5.000	Range 55 - 130		Recovery = 75.800%			
46) 2-Hexanone-d5	8.091	63	95978	46.150	ug/L	-0.01
Spiked Amount 50.000	Range 45 - 130		Recovery = 92.300%			
56) 1,1,2,2-Tetrachloroeth...	10.210	84	46653	4.787	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.800%			
66) 1,2-Dichlorobenzene-d4	11.619	152	62315	5.278	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 105.600%			
Target Compounds						Qvalue
3) Chloromethane	1.240	50	2868	0.187	ug/L	92
5) Vinyl chloride	1.307	62	890	0.060	ug/L #	1
6) Bromomethane	1.526	94	310	0.043	ug/L	72
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	1224	0.113	ug/L #	25
12) 1,1-Dichloroethene	2.105	96	1217	0.119	ug/L #	1
14) Carbon disulfide	2.291	76	2193	0.090	ug/L #	84
17) Methyl tert-butyl Ether	2.764	73	11229	0.402	ug/L #	91
22) cis-1,2-Dichloroethene	3.912	96	1163	0.091	ug/L #	93
27) 1,2-Dichloroethane	5.095	62	3286	0.213	ug/L #	77
33) Benzene	5.095	78	307891	4.340	ug/L	100
35) Methylcyclohexane	6.066	83	16859	0.656	ug/L #	16
39) cis-1,3-Dichloropropene	6.982	75	1896	0.096	ug/L #	81
51) Chlorobenzene	8.879	112	34676	1.009	ug/L	96
60) Isopropylbenzene	9.927	105	7634	0.139	ug/L #	93
61) 1,2,3-Trichloropropane	11.242	75	10342	1.453	ug/L #	65
62) 1,3,5-Trimethylbenzene	10.911	105	3856	0.245	ug/L	95
63) 1,2,4-Trimethylbenzene	10.911	105	3856	0.091	ug/L	98
71) Naphthalene	13.506	128	1871	0.091	ug/L #	87

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102022\
Data File : VV028645.D
Acq On : 20 Oct 2022 19:24
Operator : SY/MD
Sample : N5216-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHA83

Quant Time: Oct 21 01:13:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102022WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 21 00:53:32 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\VV102022\
Data File : VV028645.D
Acq On : 20 Oct 2022 19:24
Operator : SY/MD
Sample : N5216-05
Misc : 25.0mL/MSVOA_V/WATER
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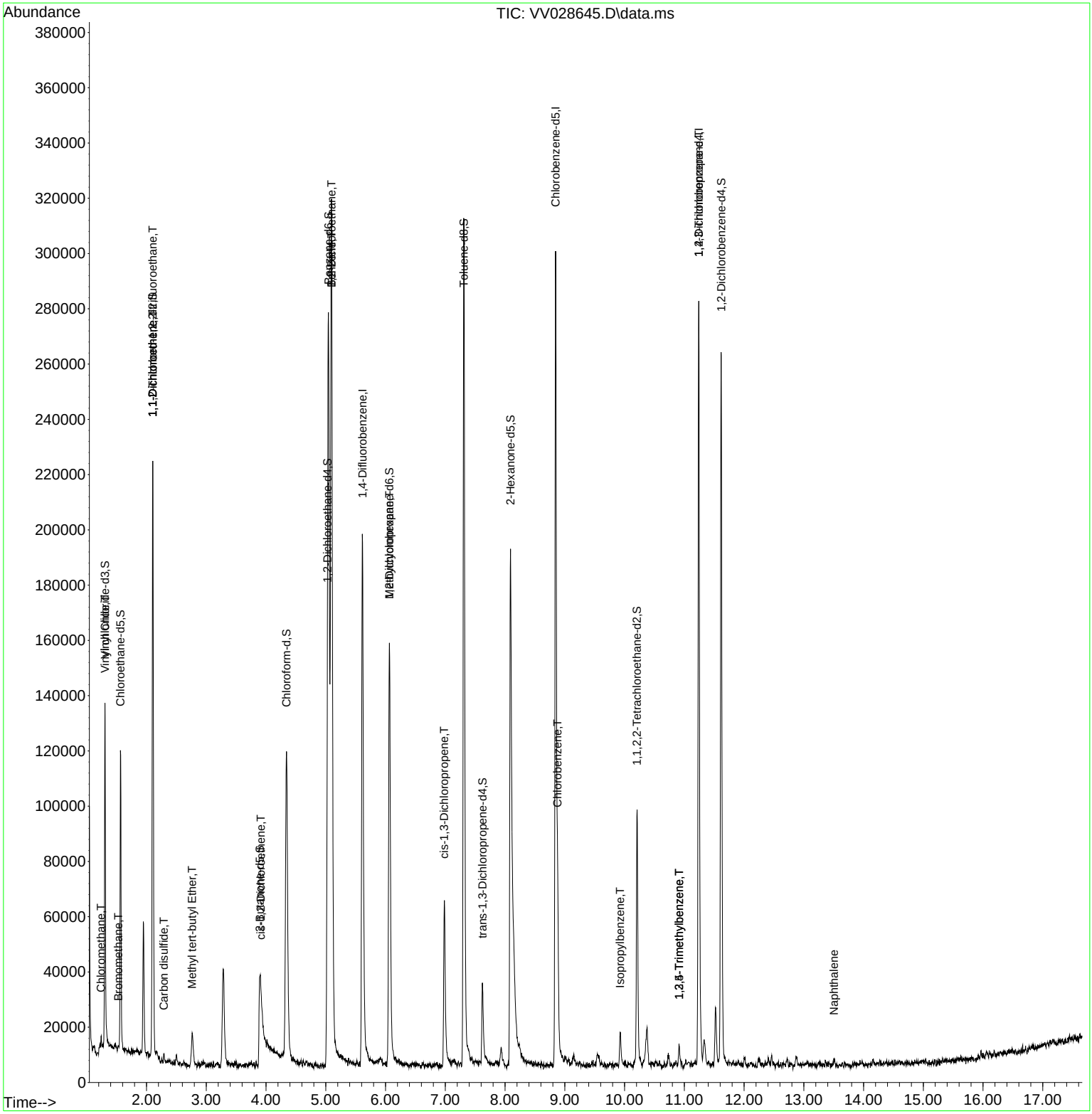
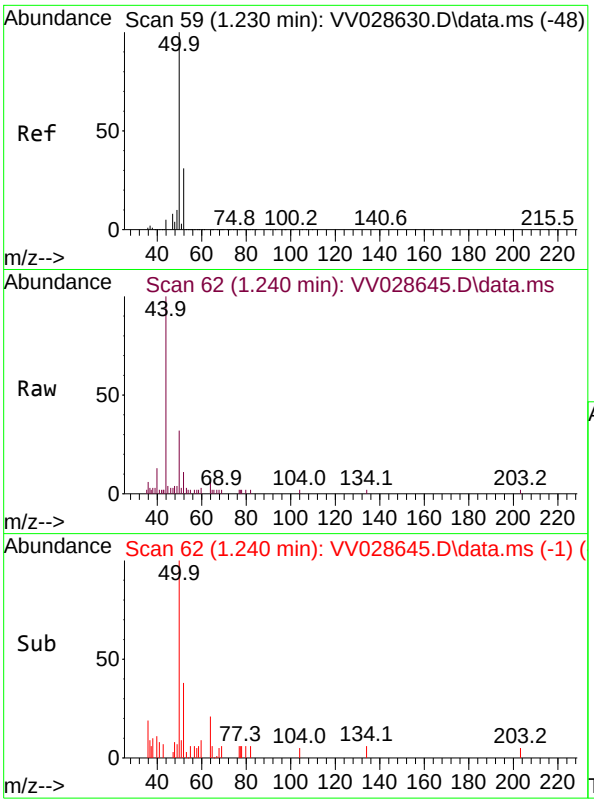
Instrument :
MSVOA_V
ClientSampleId :
BHA83

Quant Time: Oct 21 01:13:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102022WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 21 00:53:32 2022
Response via : Initial Calibration



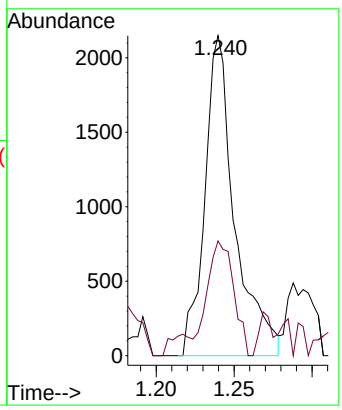


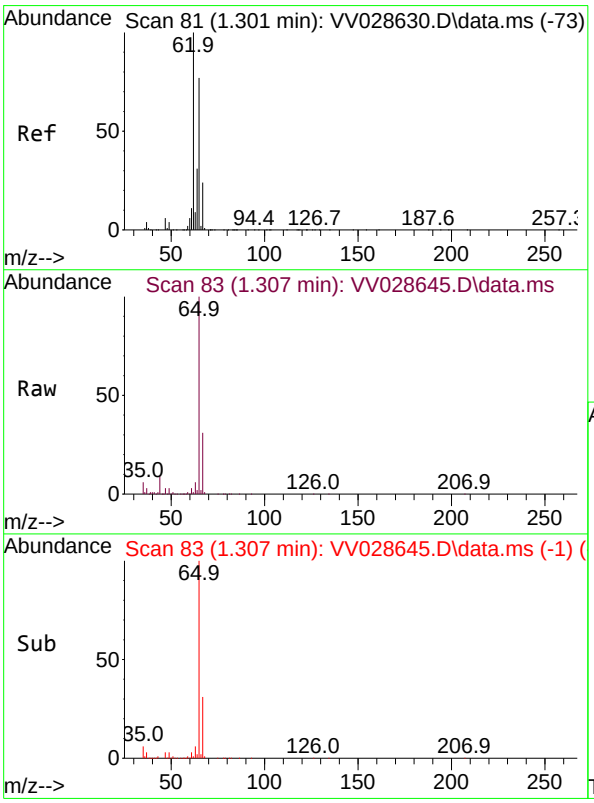
#3
Chloromethane
Concen: 0.187 ug/L
RT: 1.240 min Scan# 6
Delta R.T. 0.010 min
Lab File: VV028645.D
Acq: 20 Oct 2022 19:24

Instrument :
MSVOA_V
ClientSampleId :
BHA83

Tgt Ion: 50 Resp: 2868

Ion	Ratio	Lower	Upper
50	100		
52	35.8	21.8	40.6

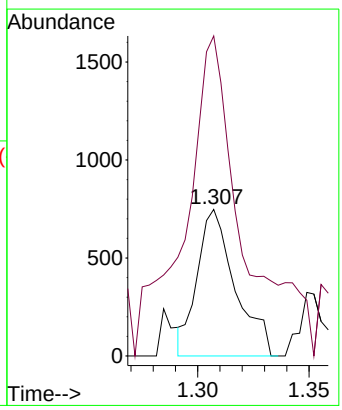


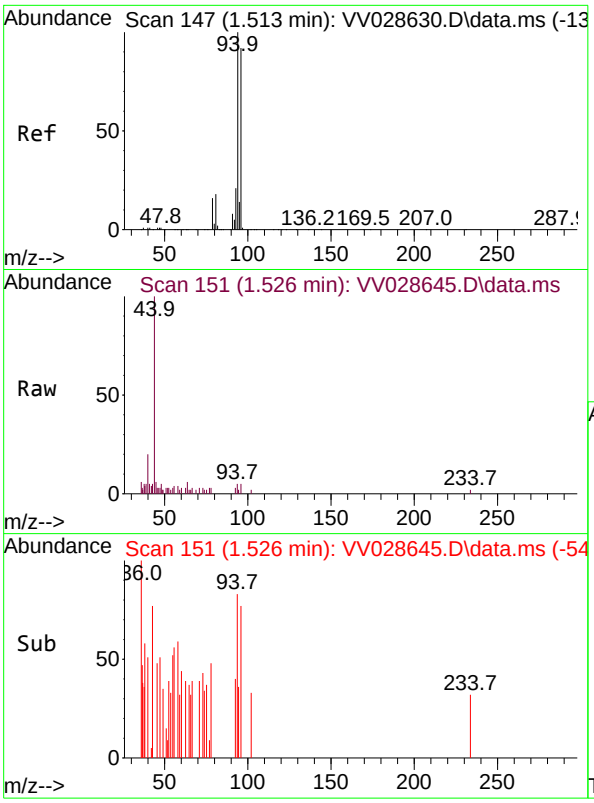


#5
Vinyl chloride
Concen: 0.060 ug/L
RT: 1.307 min Scan# 83
Delta R.T. 0.006 min
Lab File: VV028645.D
Acq: 20 Oct 2022 19:24

Tgt Ion: 62 Resp: 890

Ion	Ratio	Lower	Upper
62	100		
64	218.3	22.0	41.0#



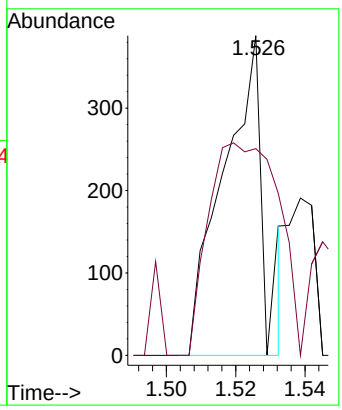


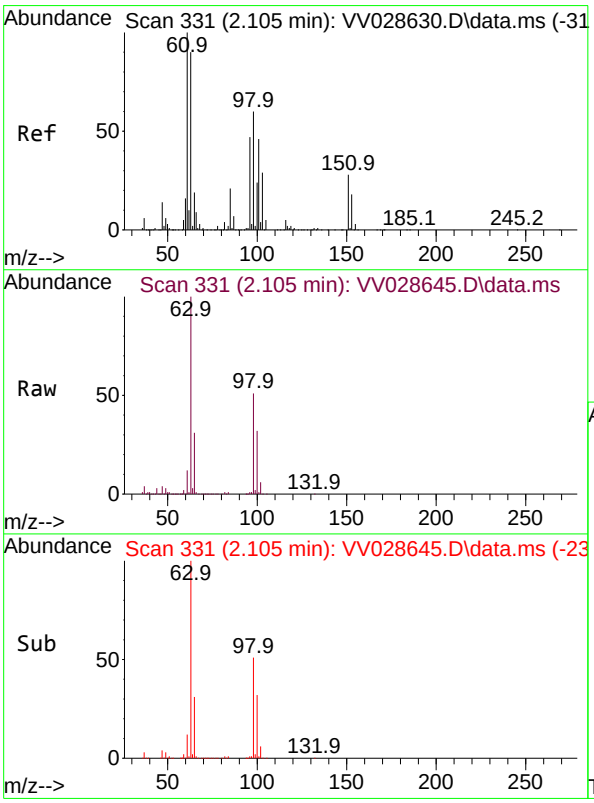
#6
Bromomethane
Concen: 0.043 ug/L
RT: 1.526 min Scan# 1
Delta R.T. 0.013 min
Lab File: VV028645.D
Acq: 20 Oct 2022 19:24

Instrument :
MSVOA_V
ClientSampleId :
BHA83

Tgt Ion: 94 Resp: 310

Ion	Ratio	Lower	Upper
94	100		
96	64.7	64.3	119.3

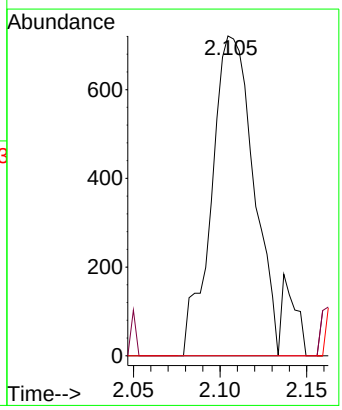


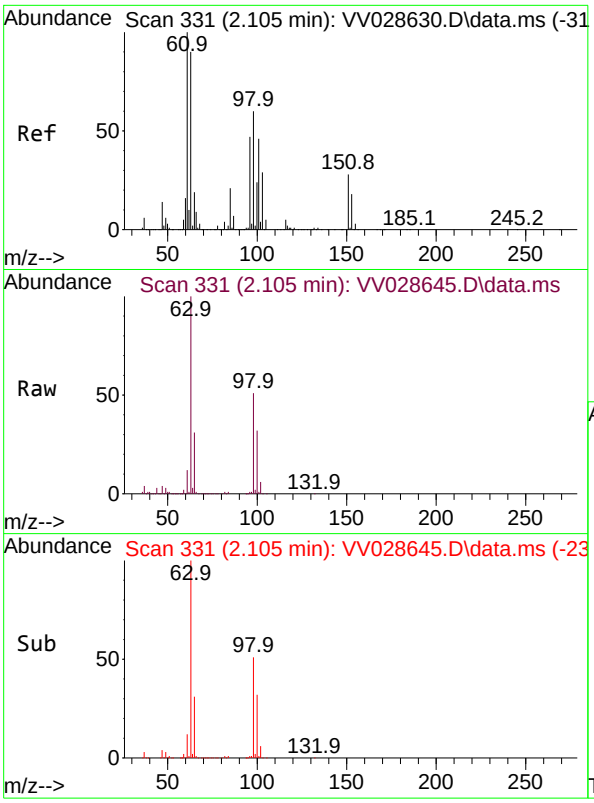


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.113 ug/L
RT: 2.105 min Scan# 331
Delta R.T. 0.000 min
Lab File: VV028645.D
Acq: 20 Oct 2022 19:24

Tgt Ion:101 Resp: 1224

Ion	Ratio	Lower	Upper
101	100		
85	1.6	37.0	55.6#
151	0.0	50.2	75.2#



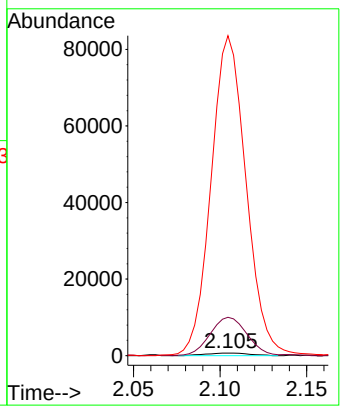


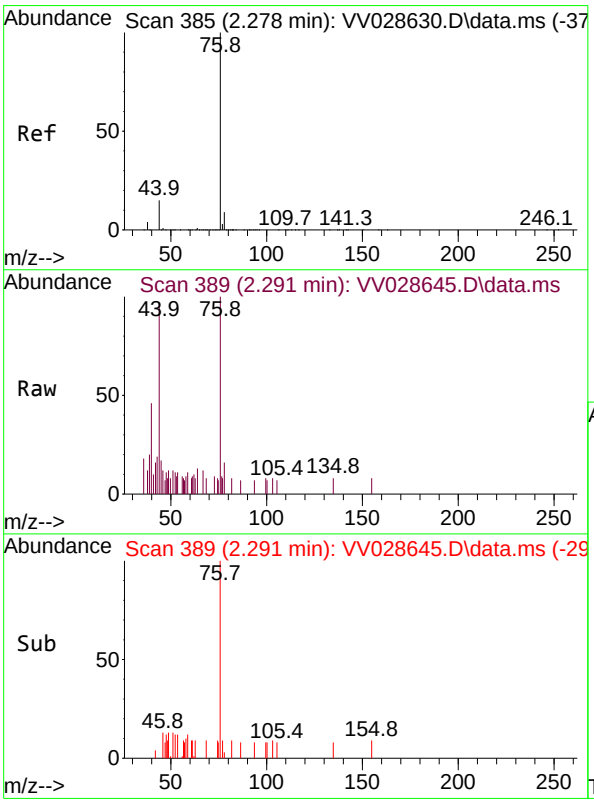
#12
1,1-Dichloroethene
Concen: 0.119 ug/L
RT: 2.105 min Scan# 3
Delta R.T. 0.000 min
Lab File: VV028645.D
Acq: 20 Oct 2022 19:24

Instrument :
MSVOA_V
ClientSampleId :
BHA83

Tgt Ion: 96 Resp: 1217

Ion	Ratio	Lower	Upper
96	100		
61	1458.8	148.1	275.1#
63	12130.0	133.3	247.7#

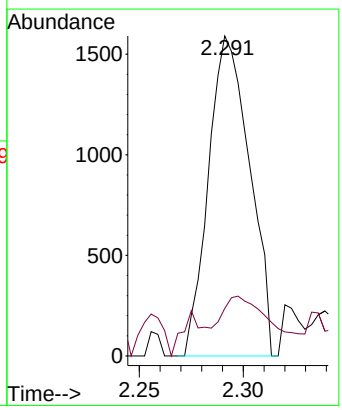


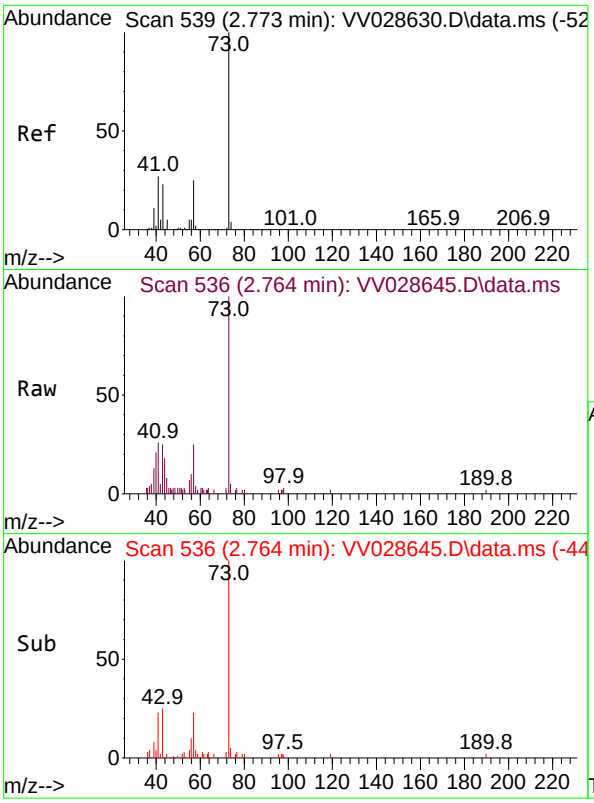


#14
Carbon disulfide
Concen: 0.090 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.013 min
Lab File: VV028645.D
Acq: 20 Oct 2022 19:24

Tgt Ion: 76 Resp: 2193

Ion	Ratio	Lower	Upper
76	100		
78	14.8	7.1	10.7#



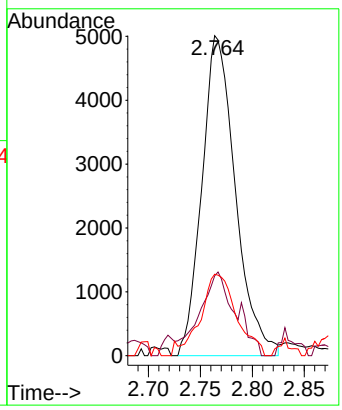


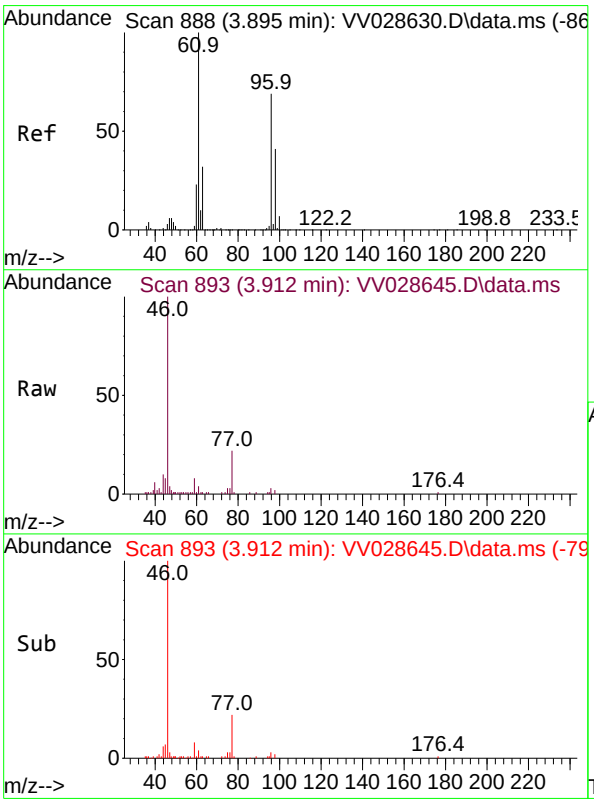
#17
Methyl tert-butyl Ether
Concen: 0.402 ug/L
RT: 2.764 min Scan# 5
Delta R.T. -0.010 min
Lab File: VV028645.D
Acq: 20 Oct 2022 19:24

Instrument :
MSVOA_V
ClientSampleId :
BHA83

Tgt Ion: 73 Resp: 11229

Ion	Ratio	Lower	Upper
73	100		
43	16.2	18.0	27.0#
57	27.4	20.0	30.0

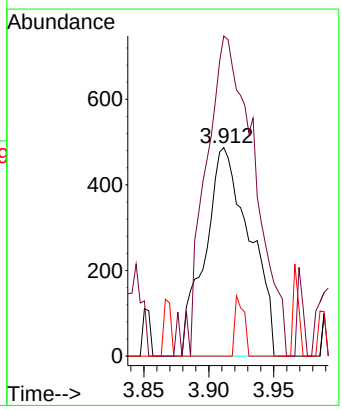


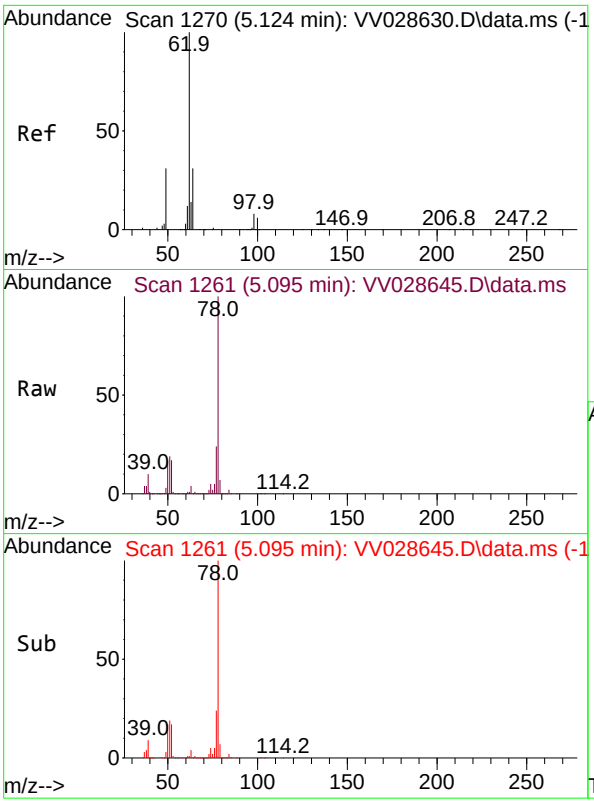


#22
cis-1,2-Dichloroethene
Concen: 0.091 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.016 min
Lab File: VV028645.D
Acq: 20 Oct 2022 19:24

Tgt Ion: 96 Resp: 1163

Ion	Ratio	Lower	Upper
96	100		
61	153.6	101.4	188.2
68	0.0	0.5	0.9#



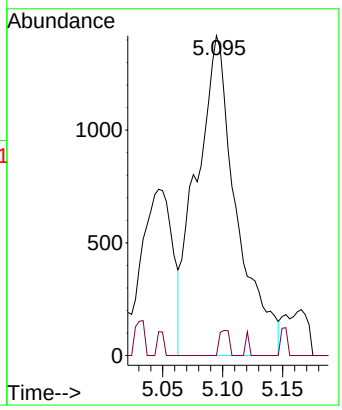


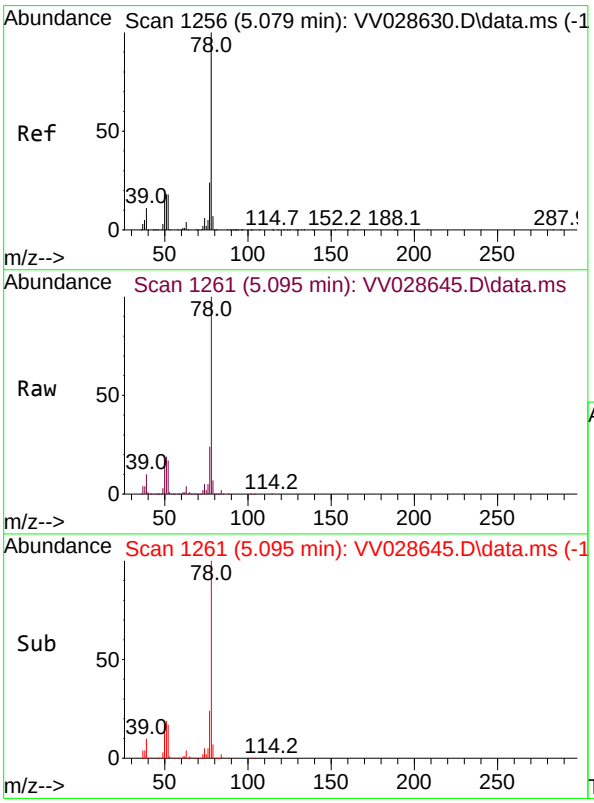
#27
1,2-Dichloroethane
Concen: 0.213 ug/L
RT: 5.095 min Scan# 1
Delta R.T. -0.029 min
Lab File: VV028645.D
Acq: 20 Oct 2022 19:24

Instrument :
MSVOA_V
ClientSampleId :
BHA83

Tgt Ion: 62 Resp: 3286

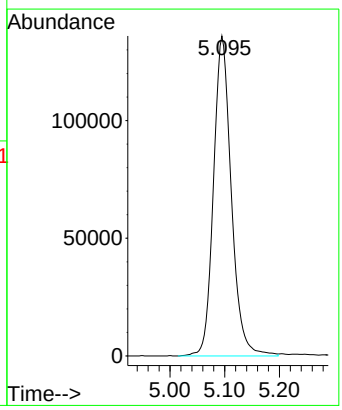
Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.6	9.8#

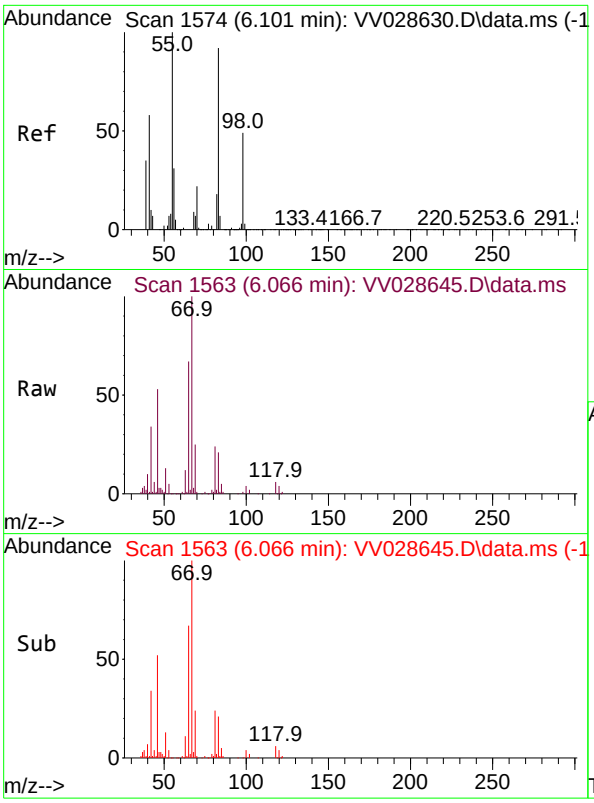




#33
Benzene
Concen: 4.340 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.016 min
Lab File: VV028645.D
Acq: 20 Oct 2022 19:24

Tgt Ion: 78 Resp: 307891



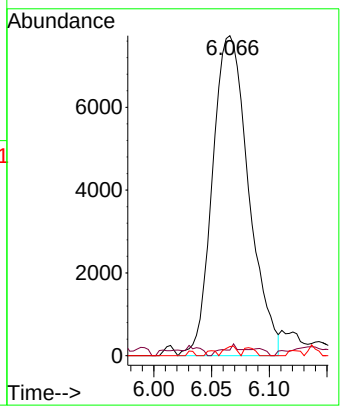


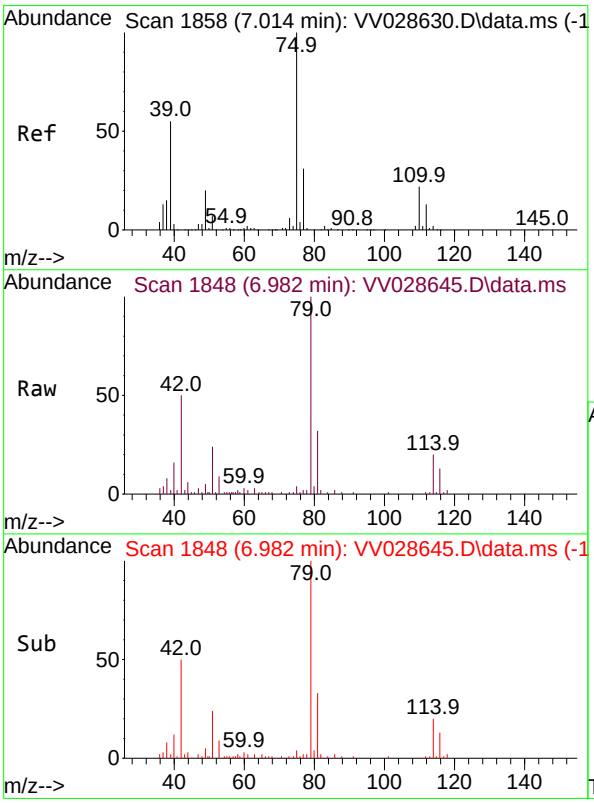
#35
Methylcyclohexane
Concen: 0.656 ug/L
RT: 6.066 min Scan# 1
Delta R.T. -0.035 min
Lab File: VV028645.D
Acq: 20 Oct 2022 19:24

Instrument :
MSVOA_V
ClientSampleId :
BHA83

Tgt Ion: 83 Resp: 16859

Ion	Ratio	Lower	Upper
83	100		
55	1.4	70.0	105.0#
98	1.0	35.6	53.4#

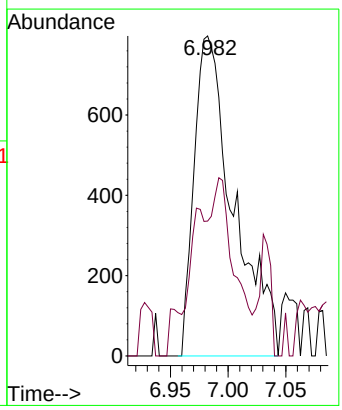


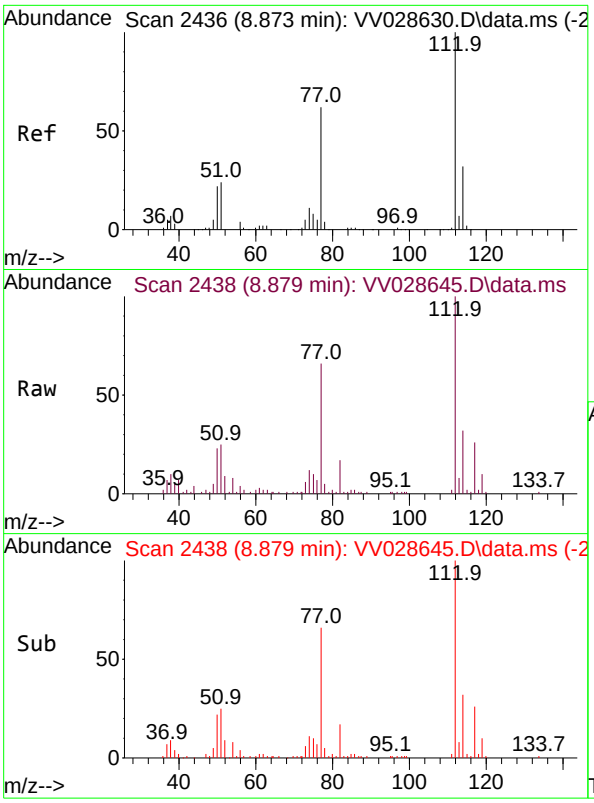


#39
cis-1,3-Dichloropropene
Concen: 0.096 ug/L
RT: 6.982 min Scan# 1848
Delta R.T. -0.032 min
Lab File: VV028645.D
Acq: 20 Oct 2022 19:24

Tgt Ion: 75 Resp: 1896

Ion	Ratio	Lower	Upper
75	100		
77	42.2	22.1	41.1#



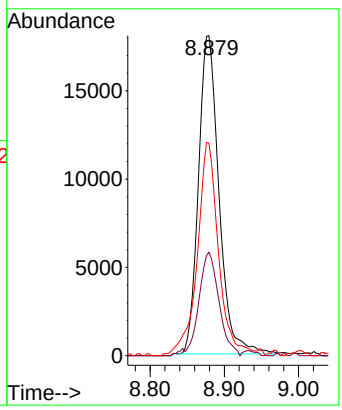


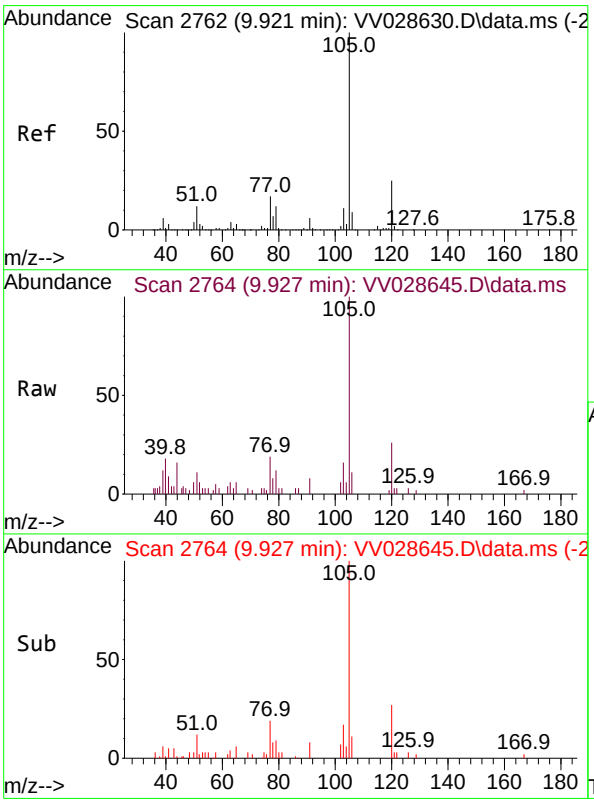
#51
Chlorobenzene
Concen: 1.009 ug/L
RT: 8.879 min Scan# 24
Delta R.T. 0.006 min
Lab File: VV028645.D
Acq: 20 Oct 2022 19:24

Instrument :
MSVOA_V
ClientSampleId :
BHA83

Tgt Ion:112 Resp: 34676

Ion	Ratio	Lower	Upper
112	100		
114	32.3	22.0	41.0
77	66.5	50.0	75.0

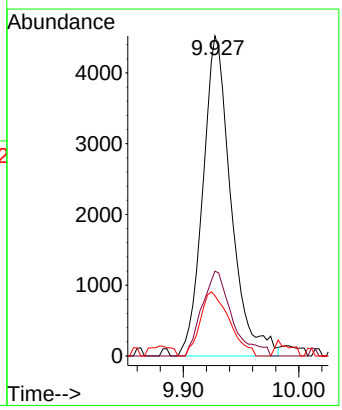


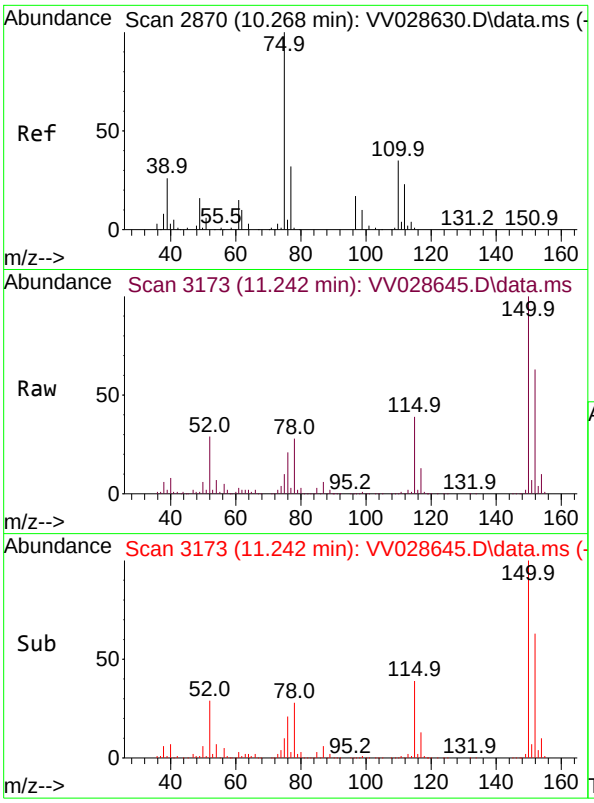


#60
Isopropylbenzene
Concen: 0.139 ug/L
RT: 9.927 min Scan# 2764
Delta R.T. 0.006 min
Lab File: VV028645.D
Acq: 20 Oct 2022 19:24

Tgt Ion:105 Resp: 7634

Ion	Ratio	Lower	Upper
105	100		
120	28.2	20.1	30.1
77	20.7	13.4	20.0#



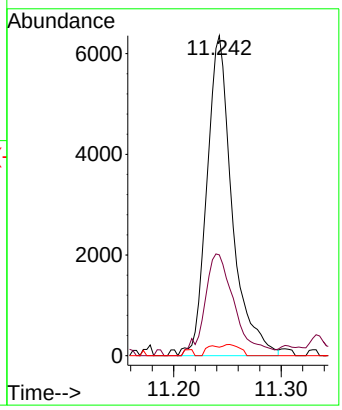


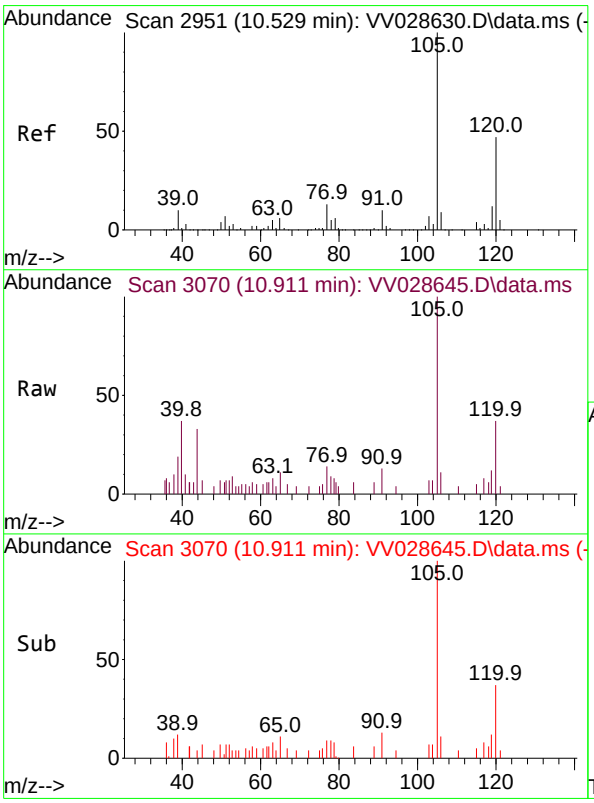
#61
1,2,3-Trichloropropane
Concen: 1.453 ug/L
RT: 11.242 min Scan# 3
Delta R.T. 0.974 min
Lab File: VV028645.D
Acq: 20 Oct 2022 19:24

Instrument :
MSVOA_V
ClientSampleId :
BHA83

Tgt Ion: 75 Resp: 10342

Ion	Ratio	Lower	Upper
75	100		
77	37.7	25.2	37.8
110	1.6	27.9	41.9#

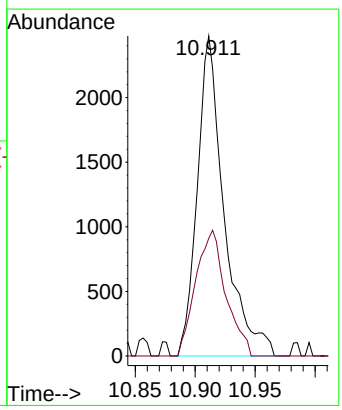


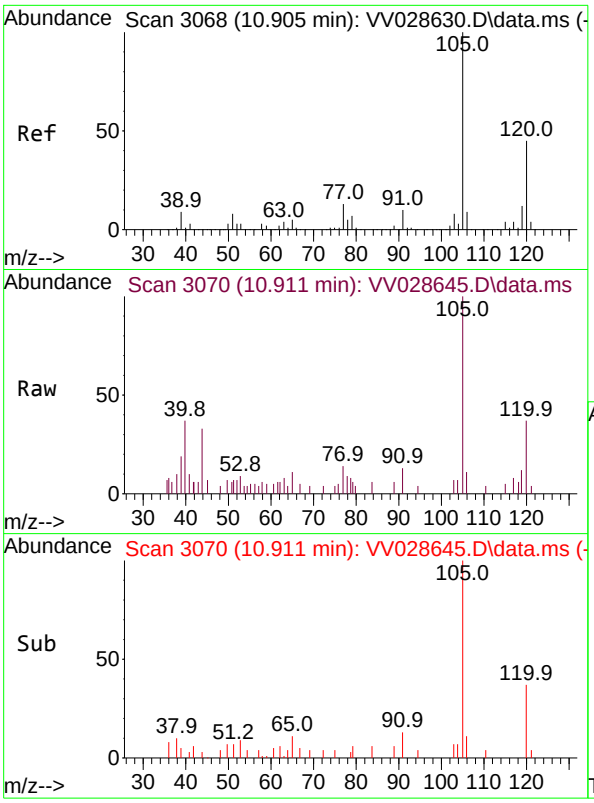


#62
1,3,5-Trimethylbenzene
Concen: 0.245 ug/L
RT: 10.911 min Scan# 3070
Delta R.T. 0.383 min
Lab File: VV028645.D
Acq: 20 Oct 2022 19:24

Tgt Ion:105 Resp: 3856

Ion	Ratio	Lower	Upper
105	100		
120	44.2	38.3	57.5



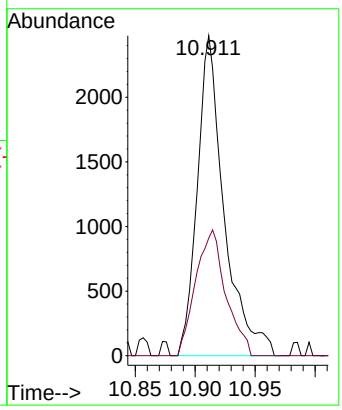


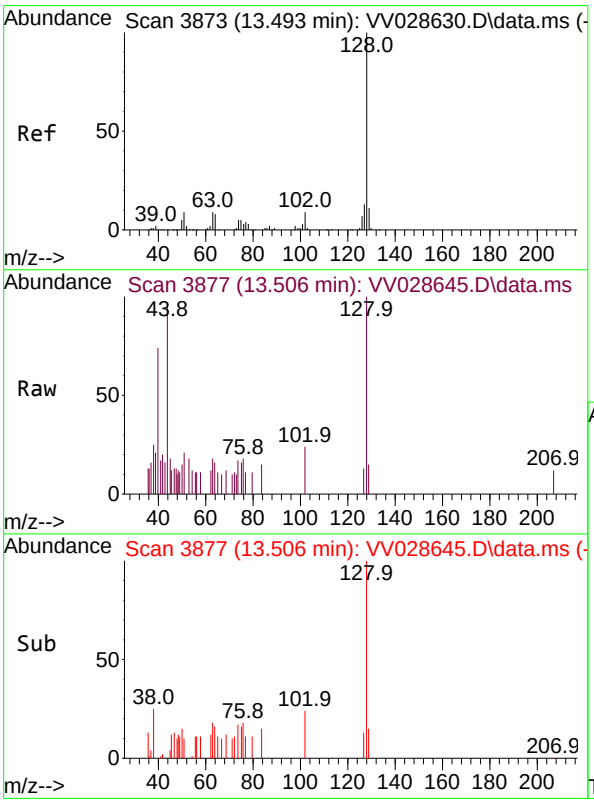
#63
1,2,4-Trimethylbenzene
Concen: 0.091 ug/L
RT: 10.911 min Scan# 3
Delta R.T. 0.006 min
Lab File: VV028645.D
Acq: 20 Oct 2022 19:24

Instrument :
MSVOA_V
ClientSampleId :
BHA83

Tgt Ion:105 Resp: 3856

Ion	Ratio	Lower	Upper
105	100		
120	44.2	36.2	54.2





#71
Naphthalene
Concen: 0.091 ug/L
RT: 13.506 min Scan# 3877
Delta R.T. 0.013 min
Lab File: VV028645.D
Acq: 20 Oct 2022 19:24

Tgt Ion:128 Resp: 1871

Ion	Ratio	Lower	Upper
128	100		
129	12.9	8.9	13.3
127	5.0	10.2	15.4#