Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL120122\
Data File : VL039954.D
Acq On : 1 Dec 2022 22:54
Operator : SY/MD
Sample : N5826-02DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
H302022-EFFLUENTDL

Quant Time: Dec 02 05:36:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Fri Dec 02 05:29:35 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.156	49	1129616	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.619	114	3238040	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.436	117	2948790	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.748	95	2304326	10.231	ppbv	-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.300%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.700	85	6462	0.040	ppbv	93
9) Propene	2.664	41	2536	0.035	ppbv #	11
13) Ethanol	3.221	45	3201	0.571	ppbv #	1
15) Acetone	3.452	43	33302	0.222	ppbv #	83
20) Methylene Chloride	3.902	84	52481	0.723	ppbv	93
23) Vinyl Acetate	4.587	43	2437	0.040	ppbv #	51
25) Ethyl Acetate	5.179	43	100761	0.366	ppbv #	94
26) Hexane	5.176	57	38131	0.317	ppbv #	80
29) Chloroform	5.243	83	5401	0.034	ppbv #	63
31) cis-1,2-Dichloroethene	5.034	61	6666	0.060	ppbv #	83
32) 1,1,1-Trichloroethane	5.967	97	12395	0.062	ppbv #	57
38) Trichloroethene	7.256	130	52531	0.341	ppbv	96
39) 1,2-Dichloropropane	6.619	63	778913	7.264	ppbv #	26
52) Tetrachloroethene	10.574	164	23912	0.232	ppbv	95

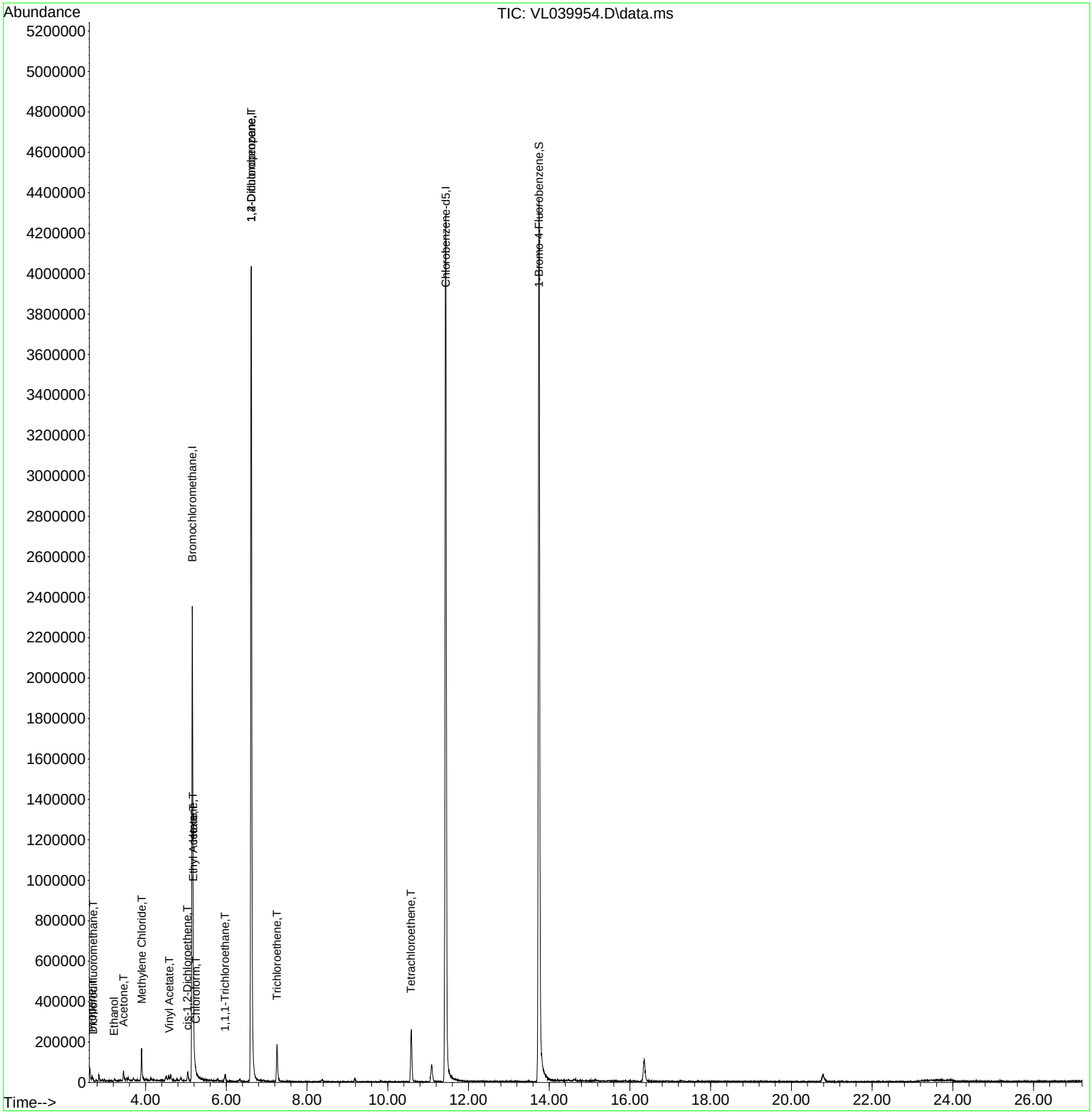
(#) = qualifier out of range (m) = manual integration (+) = signals summed

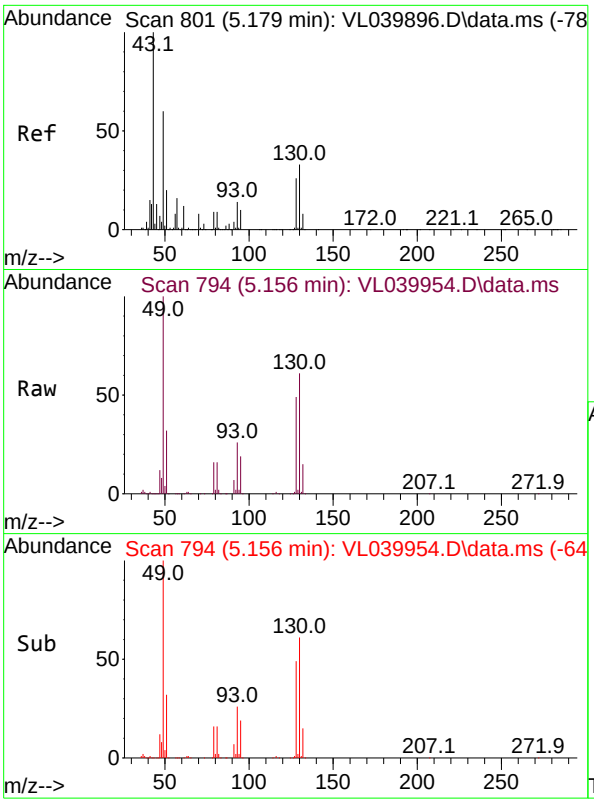
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL120122\
Data File : VL039954.D
Acq On : 1 Dec 2022 22:54
Operator : SY/MD
Sample : N5826-02DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
H302022-EFFLUENTDL

Quant Time: Dec 02 05:36:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Fri Dec 02 05:29:35 2022
Response via : Initial Calibration



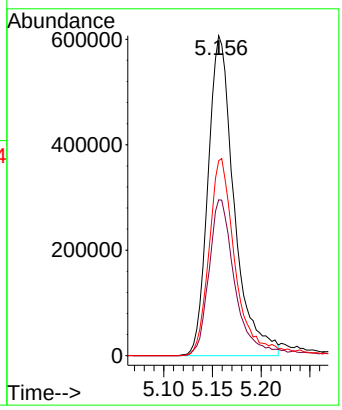


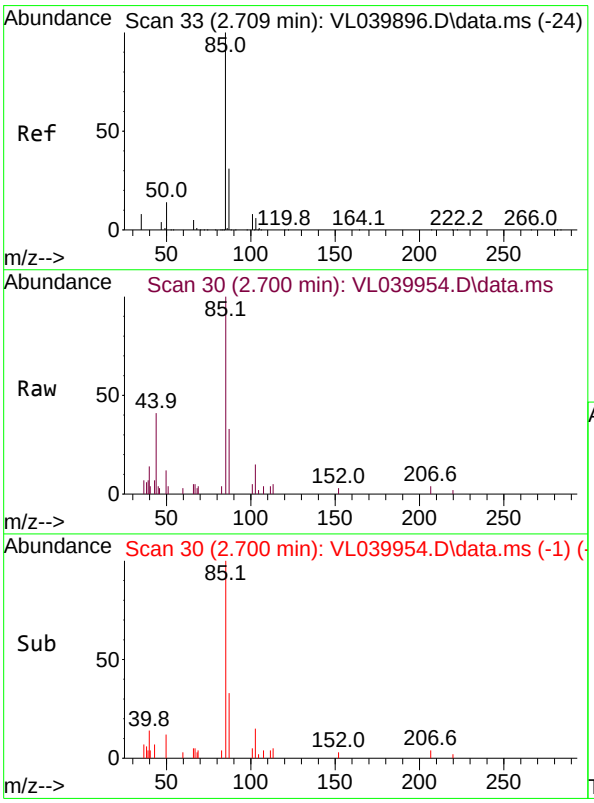
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.156 min Scan# 7
Delta R.T. -0.017 min
Lab File: VL039954.D
Acq: 1 Dec 2022 22:54

Instrument :
MSVOA_L
ClientSampleId :
H302022-EFFLUENTDL

Tgt Ion: 49 Resp: 1129616

Ion	Ratio	Lower	Upper
49	100		
128	50.6	22.1	66.3
130	63.6	27.7	83.1

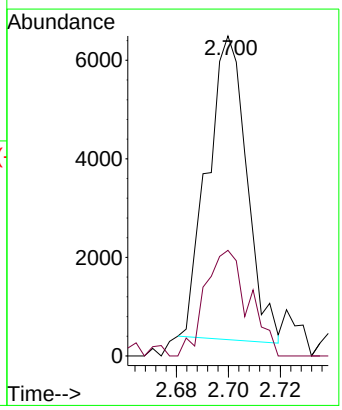


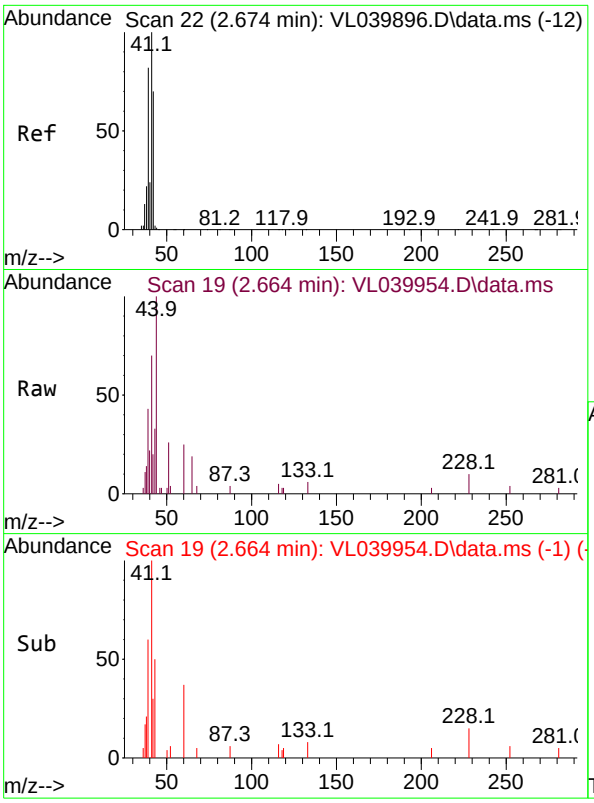


#2
Dichlorodifluoromethane
Concen: 0.040 ppbv
RT: 2.700 min Scan# 30
Delta R.T. -0.010 min
Lab File: VL039954.D
Acq: 1 Dec 2022 22:54

Tgt Ion: 85 Resp: 6462

Ion	Ratio	Lower	Upper
85	100		
87	35.2	25.0	37.4



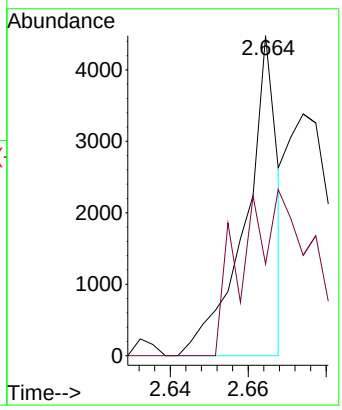


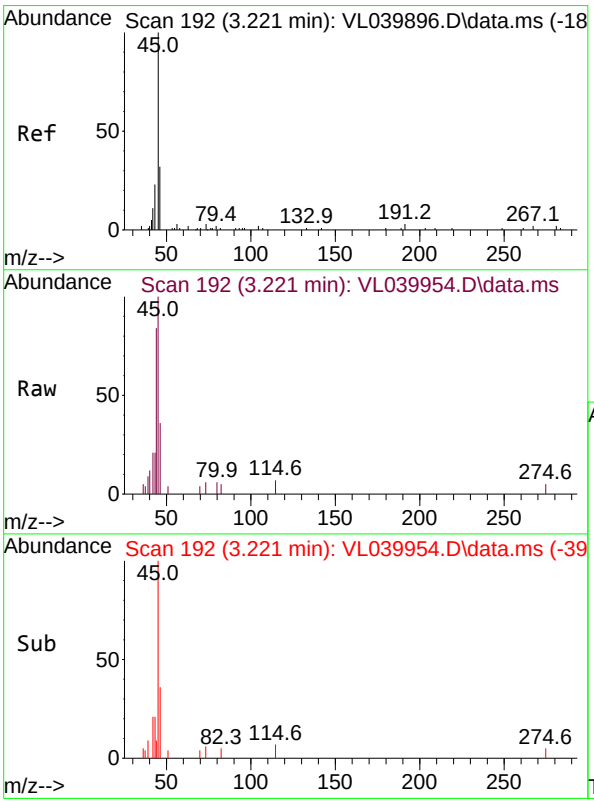
#9
Propene
Concen: 0.035 ppbv
RT: 2.664 min Scan# 1
Delta R.T. -0.007 min
Lab File: VL039954.D
Acq: 1 Dec 2022 22:54

Instrument :
MSVOA_L
ClientSampleId :
H302022-EFFLUENTDL

Tgt Ion: 41 Resp: 2536

Ion	Ratio	Lower	Upper
41	100		
42	142.3	55.8	83.6#

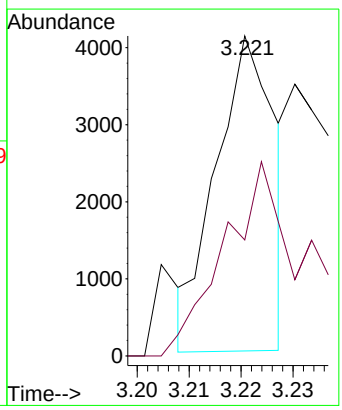


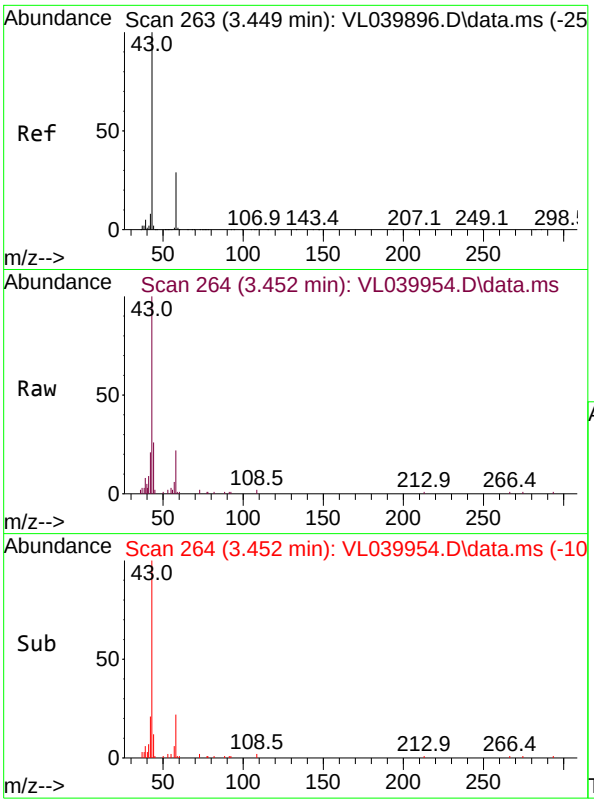


#13
Ethanol
Concen: 0.571 ppbv
RT: 3.221 min Scan# 192
Delta R.T. -0.007 min
Lab File: VL039954.D
Acq: 1 Dec 2022 22:54

Tgt Ion: 45 Resp: 3201

Ion	Ratio	Lower	Upper
45	100		
46	104.5	14.6	58.2#



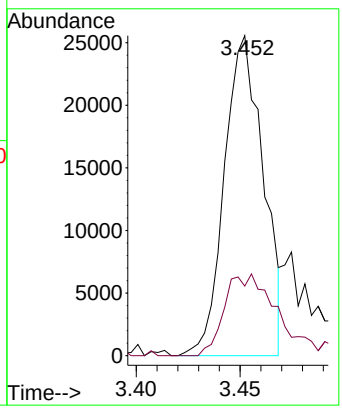


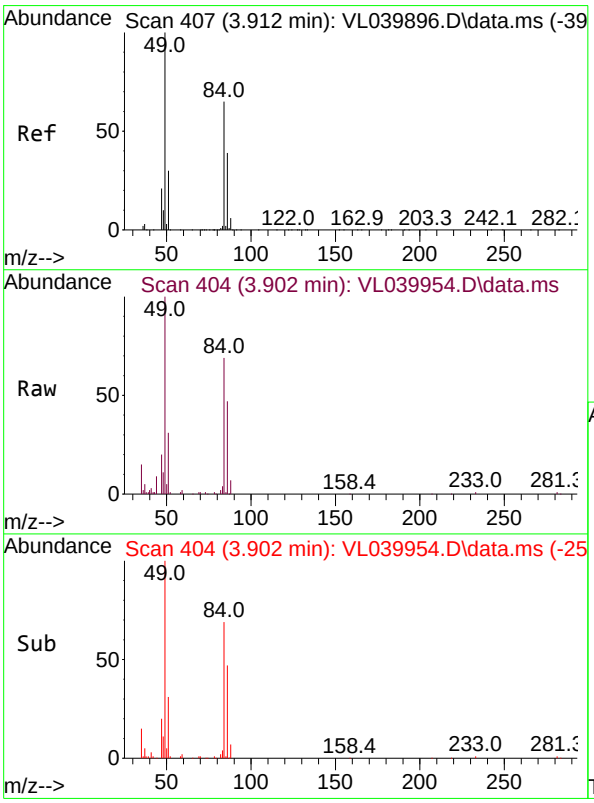
#15
Acetone
Concen: 0.222 ppbv
RT: 3.452 min Scan# 2
Delta R.T. 0.006 min
Lab File: VL039954.D
Acq: 1 Dec 2022 22:54

Instrument :
MSVOA_L
ClientSampleId :
H302022-EFFLUENTDL

Tgt Ion: 43 Resp: 33302

Ion	Ratio	Lower	Upper
43	100		
58	37.7	22.9	34.3#

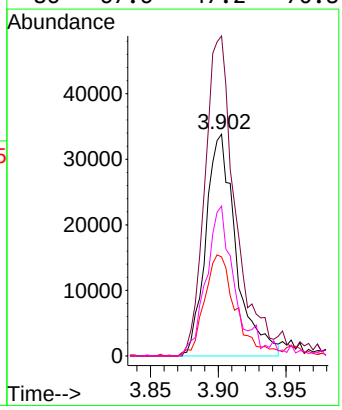


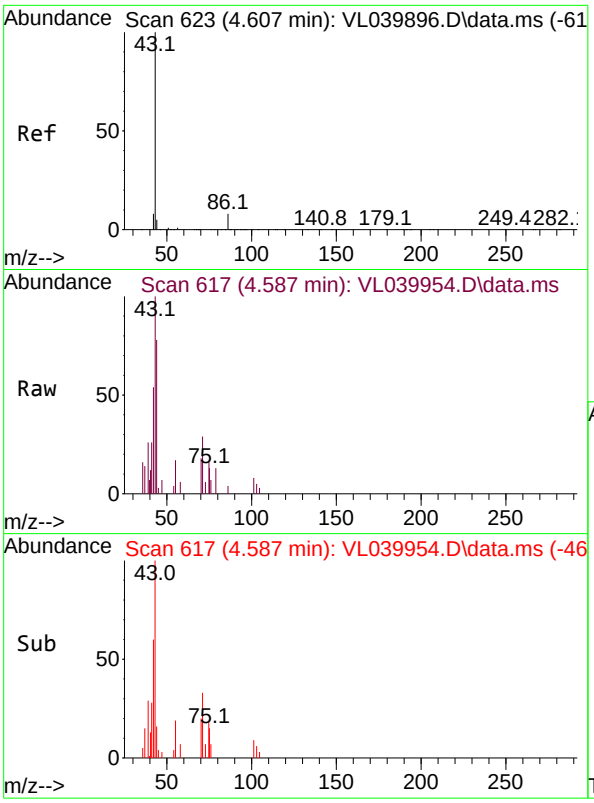


#20
Methylene Chloride
Concen: 0.723 ppbv
RT: 3.902 min Scan# 404
Delta R.T. -0.010 min
Lab File: VL039954.D
Acq: 1 Dec 2022 22:54

Tgt Ion: 84 Resp: 52481

Ion	Ratio	Lower	Upper
84	100		
49	144.3	122.2	183.4
51	44.6	36.3	54.5
86	67.6	47.2	70.8



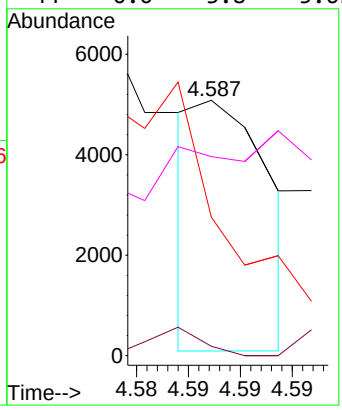


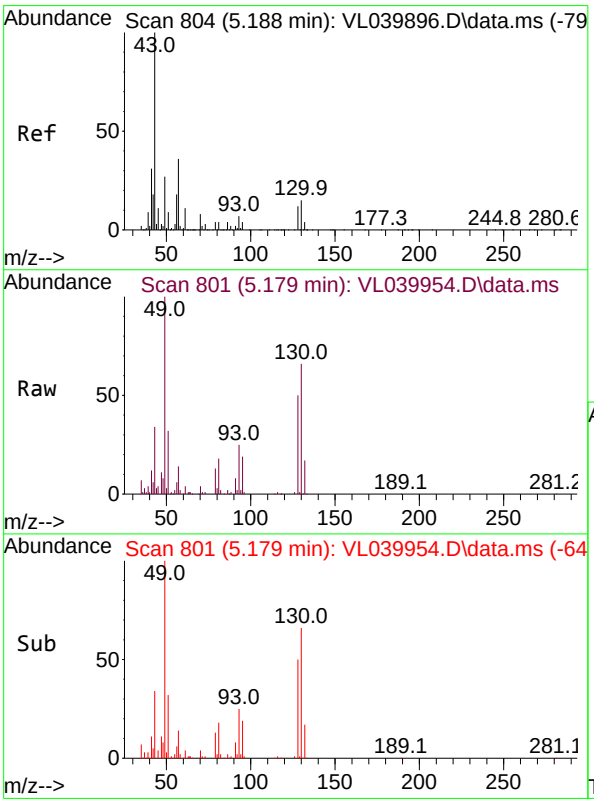
#23
Vinyl Acetate
Concen: 0.040 ppbv
RT: 4.587 min Scan# 6
Delta R.T. -0.019 min
Lab File: VL039954.D
Acq: 1 Dec 2022 22:54

Instrument :
MSVOA_L
ClientSampleId :
H302022-EFFLUENTDL

Tgt Ion: 43 Resp: 2437

Ion	Ratio	Lower	Upper
43	100		
86	10.4	5.0	7.4#
42	42.6	7.6	11.4#
44	0.0	3.8	5.6#

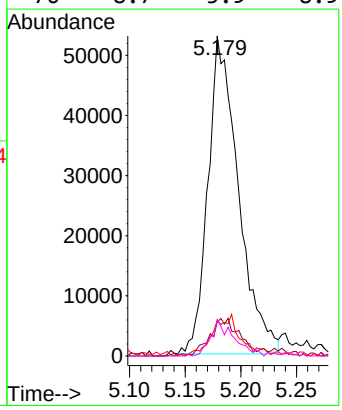


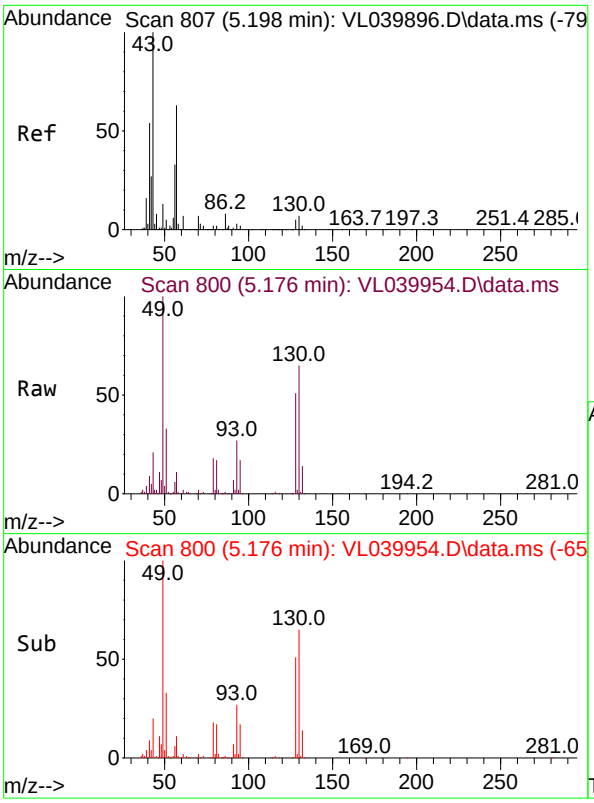


#25
Ethyl Acetate
Concen: 0.366 ppbv
RT: 5.179 min Scan# 801
Delta R.T. -0.007 min
Lab File: VL039954.D
Acq: 1 Dec 2022 22:54

Tgt Ion: 43 Resp: 100761

Ion	Ratio	Lower	Upper
43	100		
45	13.6	8.4	12.6#
61	13.0	8.5	12.7#
70	8.7	5.9	8.9



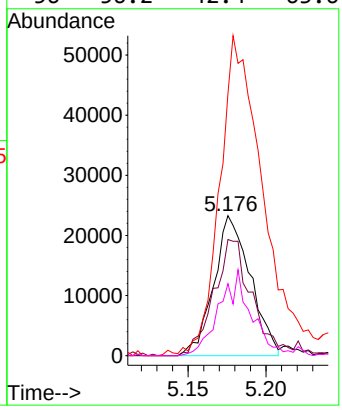


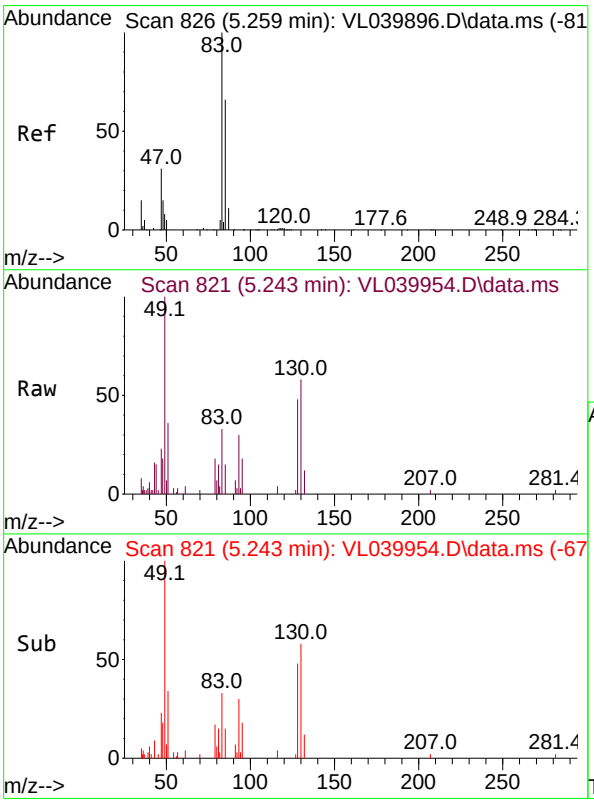
#26
Hexane
Concen: 0.317 ppbv
RT: 5.176 min Scan# 8
Delta R.T. -0.019 min
Lab File: VL039954.D
Acq: 1 Dec 2022 22:54

Instrument :
MSVOA_L
ClientSampleId :
H302022-EFFLUENTDL

Tgt Ion: 57 Resp: 38131

Ion	Ratio	Lower	Upper
57	100		
41	88.6	72.3	108.5
43	286.1	188.7	283.1#
56	56.2	42.4	63.6

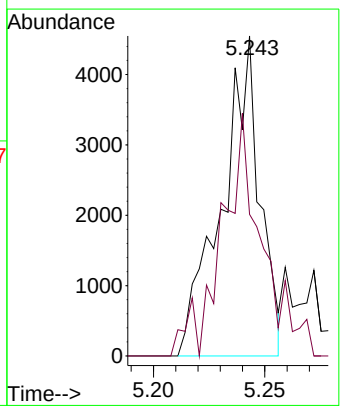


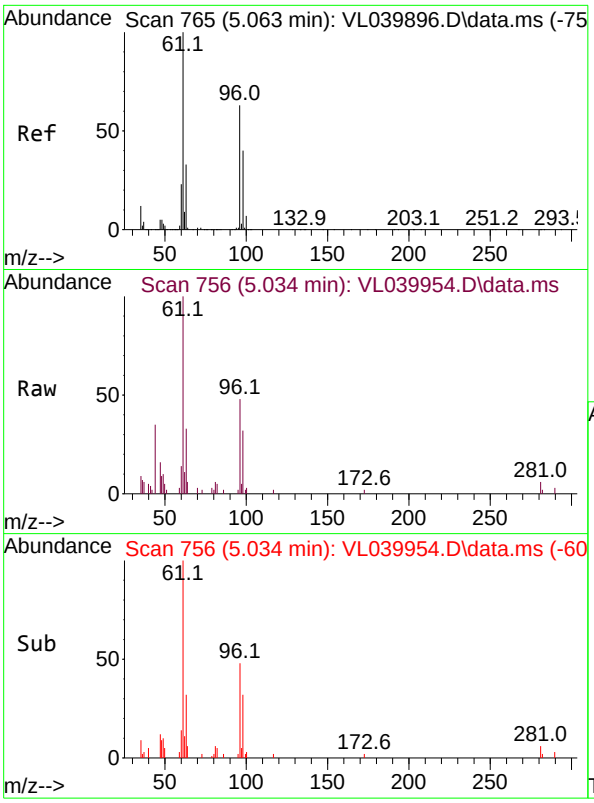


#29
Chloroform
Concen: 0.034 ppbv
RT: 5.243 min Scan# 821
Delta R.T. -0.013 min
Lab File: VL039954.D
Acq: 1 Dec 2022 22:54

Tgt Ion: 83 Resp: 5401

Ion	Ratio	Lower	Upper
83	100		
85	36.1	52.4	78.6#



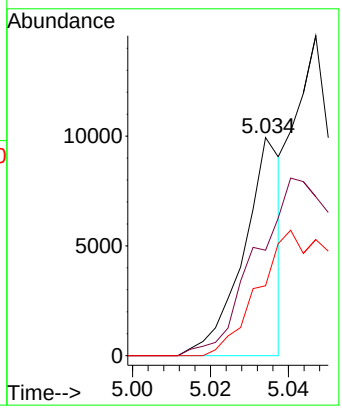


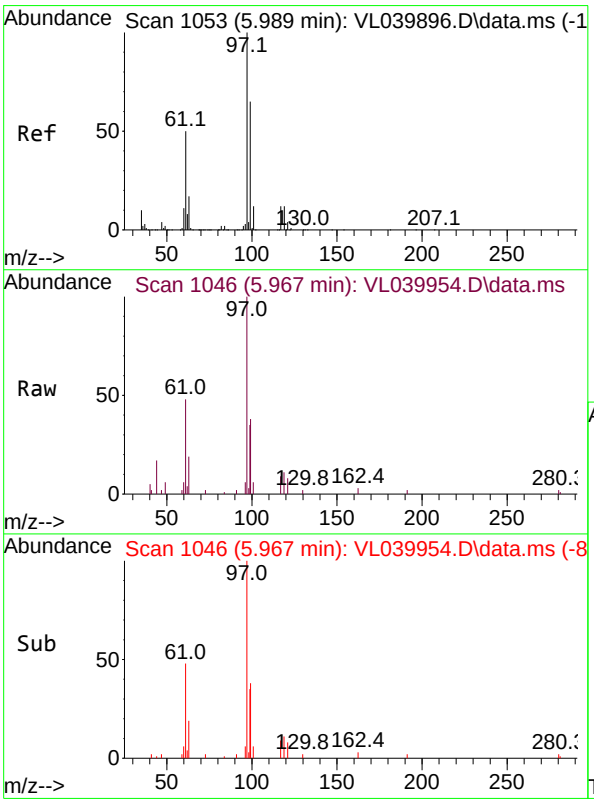
#31
cis-1,2-Dichloroethene
Concen: 0.060 ppbv
RT: 5.034 min Scan# 7
Delta R.T. -0.023 min
Lab File: VL039954.D
Acq: 1 Dec 2022 22:54

Instrument :
MSVOA_L
ClientSampleId :
H302022-EFFLUENTDL

Tgt Ion: 61 Resp: 6666

Ion	Ratio	Lower	Upper
61	100		
96	48.3	50.3	75.5#
98	32.1	32.2	48.2#

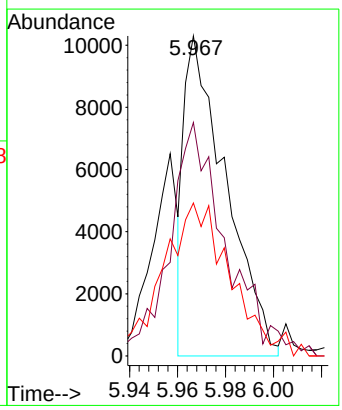


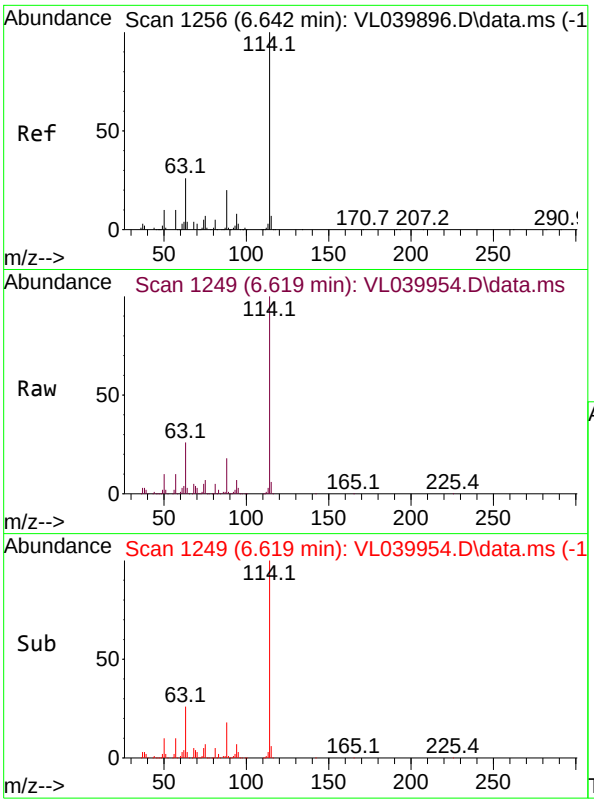


#32
1,1,1-Trichloroethane
Concen: 0.062 ppbv
RT: 5.967 min Scan# 1046
Delta R.T. -0.016 min
Lab File: VL039954.D
Acq: 1 Dec 2022 22:54

Tgt Ion: 97 Resp: 12395

Ion	Ratio	Lower	Upper
97	100		
99	99.4	51.4	77.0#
61	79.8	40.7	61.1#



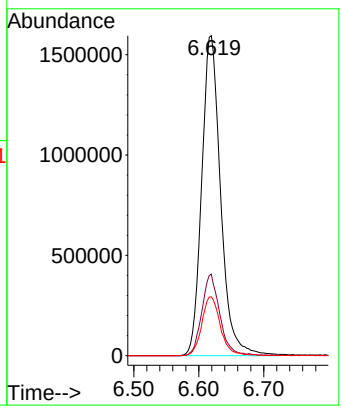


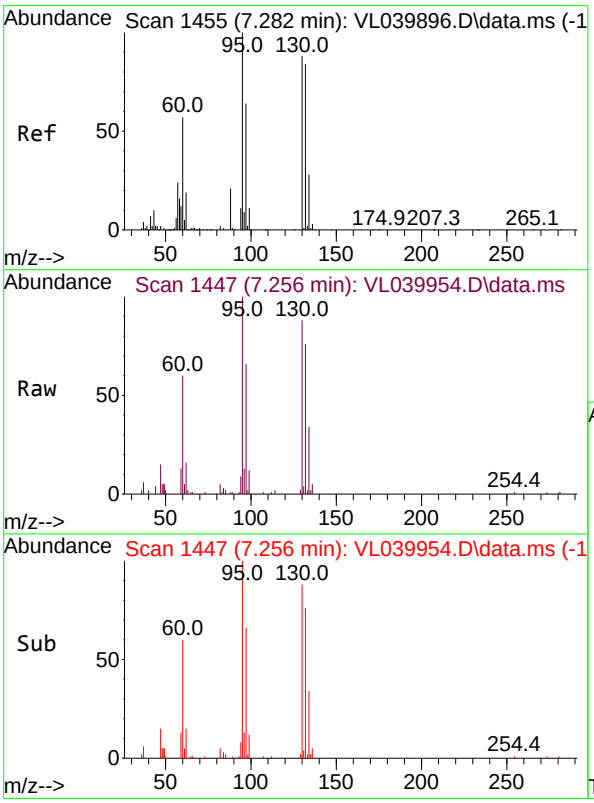
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.619 min Scan# 1
Delta R.T. -0.016 min
Lab File: VL039954.D
Acq: 1 Dec 2022 22:54

Instrument :
MSVOA_L
ClientSampleId :
H302022-EFFLUENTDL

Tgt Ion:114 Resp: 3238040

Ion	Ratio	Lower	Upper
114	100		
63	24.4	21.4	32.0
88	18.2	15.3	22.9

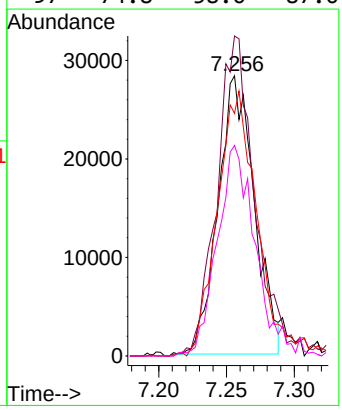


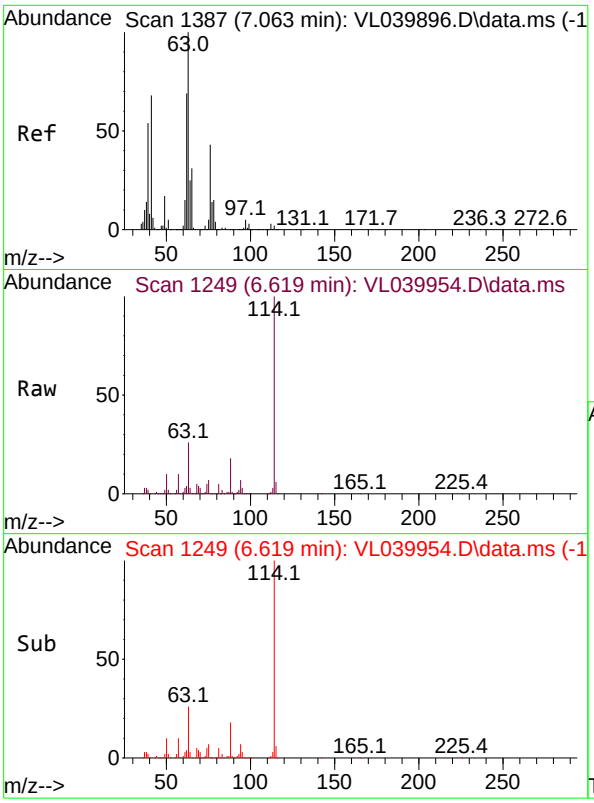


#38
Trichloroethene
Concen: 0.341 ppbv
RT: 7.256 min Scan# 1447
Delta R.T. -0.019 min
Lab File: VL039954.D
Acq: 1 Dec 2022 22:54

Tgt Ion:130 Resp: 52531

Ion	Ratio	Lower	Upper
130	100		
95	114.0	90.6	135.8
132	86.2	76.2	114.4
97	74.8	58.0	87.0



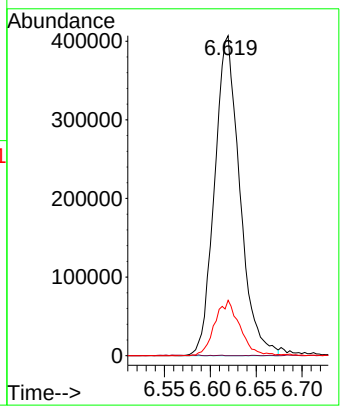


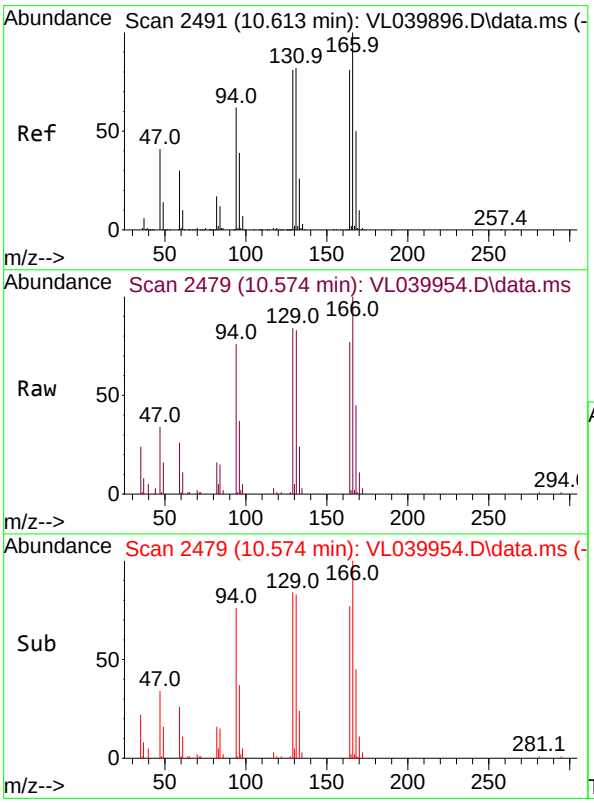
#39
1,2-Dichloropropane
Concen: 7.264 ppbv
RT: 6.619 min Scan# 1
Delta R.T. -0.437 min
Lab File: VL039954.D
Acq: 1 Dec 2022 22:54

Instrument :
MSVOA_L
ClientSampleId :
H302022-EFFLUENTDL

Tgt Ion: 63 Resp: 778913

Ion	Ratio	Lower	Upper
63	100		
41	0.0	54.7	82.1#
62	17.3	55.0	82.6#

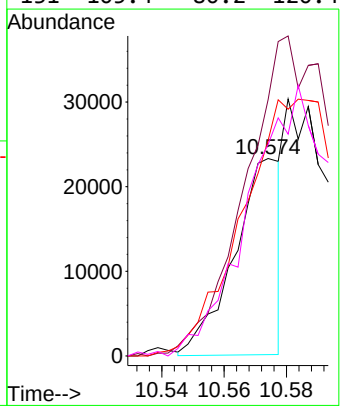


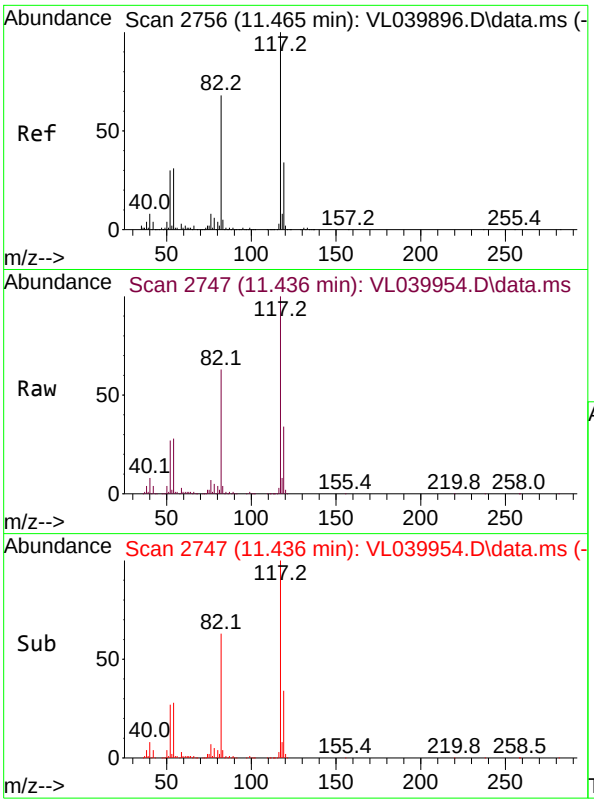


#52
Tetrachloroethene
Concen: 0.232 ppbv
RT: 10.574 min Scan# 2479
Delta R.T. -0.029 min
Lab File: VL039954.D
Acq: 1 Dec 2022 22:54

Tgt Ion:164 Resp: 23912

Ion	Ratio	Lower	Upper
164	100		
166	127.2	98.3	147.5
129	106.5	79.7	119.5
131	105.4	80.2	120.4



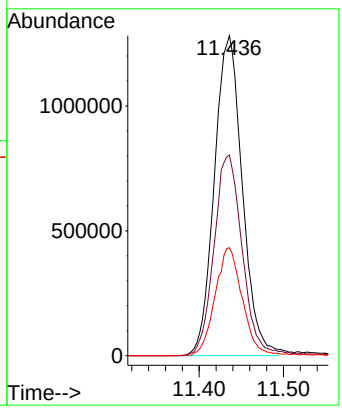


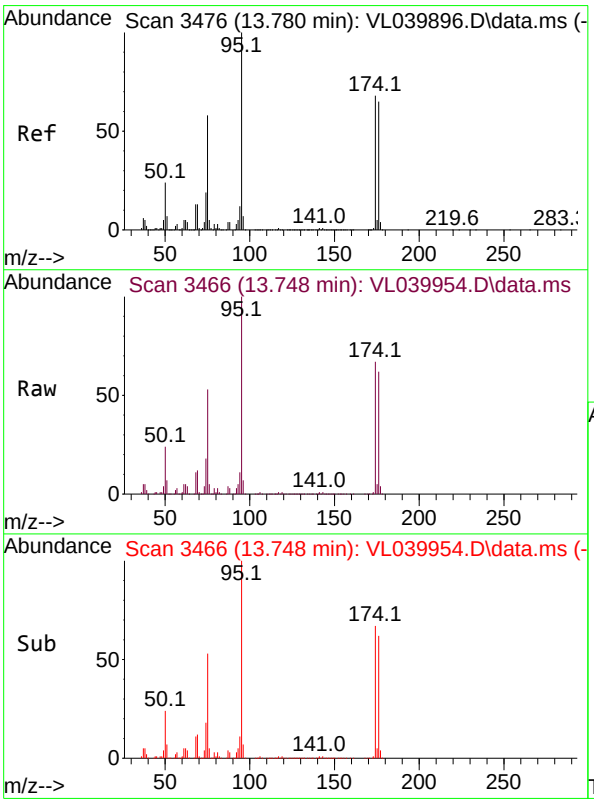
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.436 min Scan# 2
Delta R.T. -0.016 min
Lab File: VL039954.D
Acq: 1 Dec 2022 22:54

Instrument :
MSVOA_L
ClientSampleId :
H302022-EFFLUENTDL

Tgt Ion:117 Resp: 2948790

Ion	Ratio	Lower	Upper
117	100		
82	64.1	52.3	78.5
119	33.4	25.7	38.5





#68
1-Bromo-4-Fluorobenzene
Concen: 10.231 ppbv
RT: 13.748 min Scan# 3466
Delta R.T. -0.016 min
Lab File: VL039954.D
Acq: 1 Dec 2022 22:54

Tgt Ion: 95 Resp: 2304326

Ion	Ratio	Lower	Upper
95	100		
174	66.0	53.7	80.5
175	4.9	4.0	6.0