Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101022\
Data File : VL039714.D
Acq On : 11 Oct 2022 10:01
Operator : SY/AP
Sample : N5040-02DL 20X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SVP-03DL

Quant Time: Oct 12 04:39:14 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Mon Sep 19 14:26:28 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.189	49	933110	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.642	114	2443915	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.446	117	2214053	10.000	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.751	95	1589342	9.616	ppbv	-0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 96.200%			
Target Compounds						Qvalue
4) Chloromethane	2.980	50	62319	0.933	ppbv #	82
9) Propene	2.706	41	71253	1.409	ppbv	97
13) Ethanol	3.250	45	12992	3.372	ppbv #	34
15) Acetone	3.478	43	379965	3.659	ppbv #	59
16) 1,3-Butadiene	2.976	39	522100	9.912	ppbv #	15
17) tert-Butyl alcohol	3.890	59	202702	2.175	ppbv	95
20) Methylene Chloride	3.935	84	62892	1.310	ppbv	95
23) Vinyl Acetate	4.716	43	5656	0.121	ppbv #	1
25) Ethyl Acetate	5.201	43	16166	0.071	ppbv #	84
26) Hexane	5.205	57	18494	0.192	ppbv #	1
34) 2-Butanone	4.790	43	414328	3.452	ppbv	96
39) 1,2-Dichloropropane	6.639	63	588468	8.156	ppbv #	25
51) 2-Hexanone	9.549	43	4607	0.033	ppbv #	29

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

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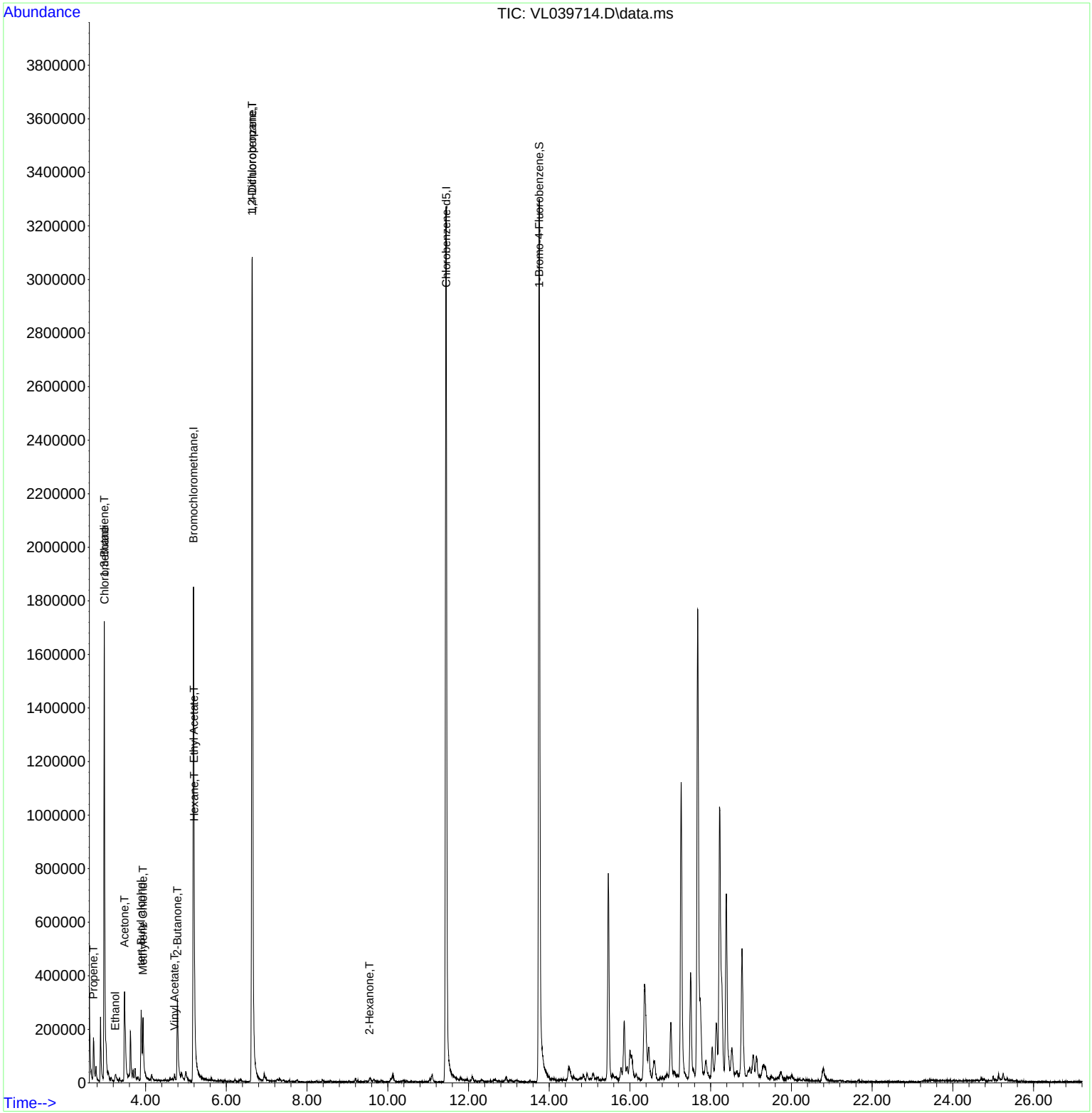
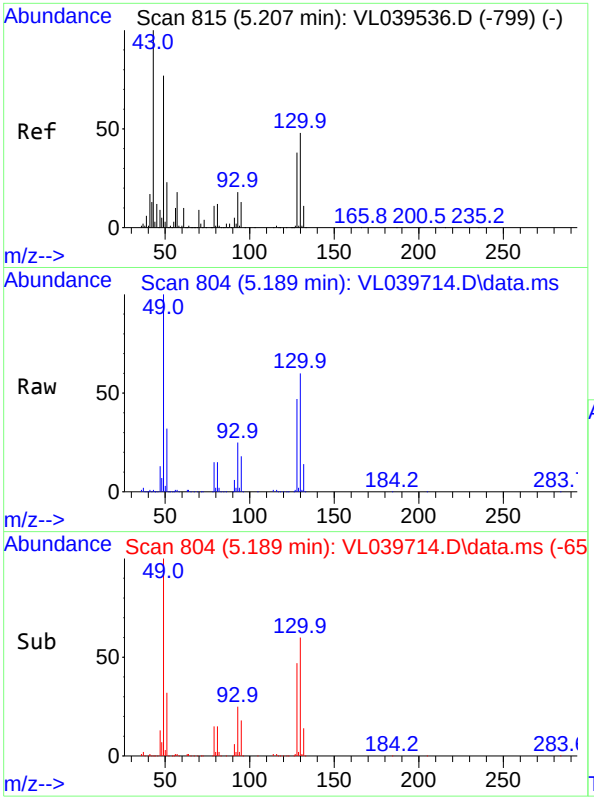


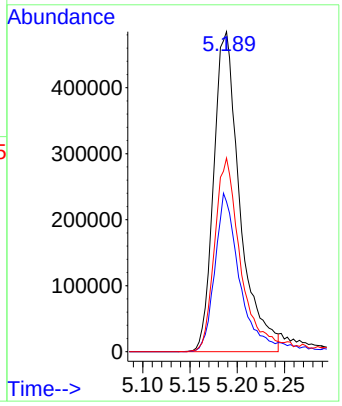


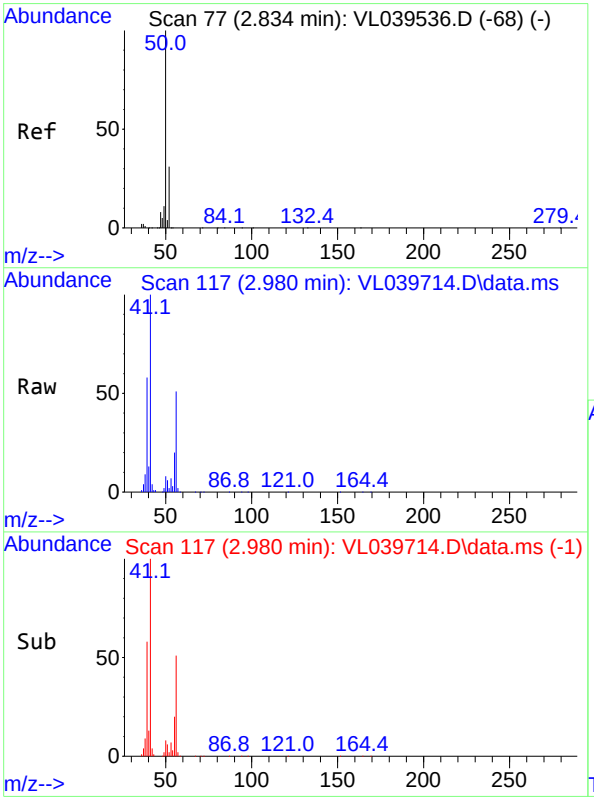
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 8
Delta R.T. -0.018 min
Lab File: VL039714.D
Acq: 11 Oct 2022 10:01

Instrument :
MSVOA_L
ClientSampleId :
SVP-03DL

Tgt Ion: 49 Resp: 933110

Ion	Ratio	Lower	Upper
49	100		
128	48.3	26.7	80.0
130	63.2	34.3	102.8

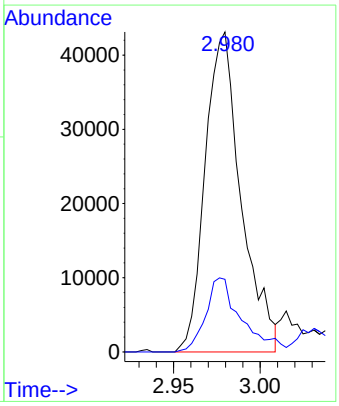


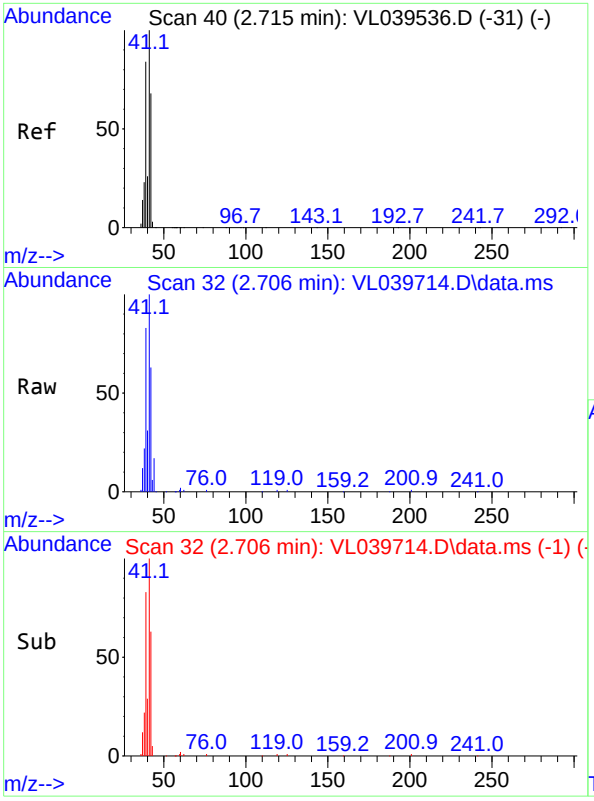


#4
Chloromethane
Concen: 0.933 ppbv
RT: 2.980 min Scan# 117
Delta R.T. 0.145 min
Lab File: VL039714.D
Acq: 11 Oct 2022 10:01

Tgt Ion: 50 Resp: 62319

Ion	Ratio	Lower	Upper
50	100		
52	22.7	26.5	39.7#



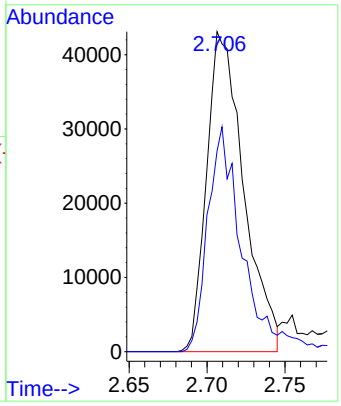


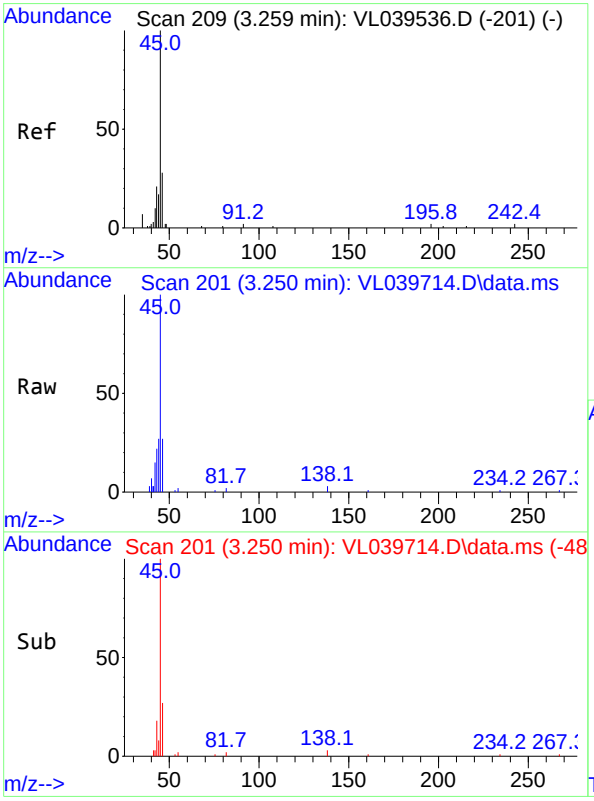
#9
Propene
Concen: 1.409 ppbv
RT: 2.706 min Scan# 3
Delta R.T. -0.009 min
Lab File: VL039714.D
Acq: 11 Oct 2022 10:01

Instrument :
MSVOA_L
ClientSampleId :
SVP-03DL

Tgt Ion: 41 Resp: 71253

Ion	Ratio	Lower	Upper
41	100		
42	66.4	55.2	82.8

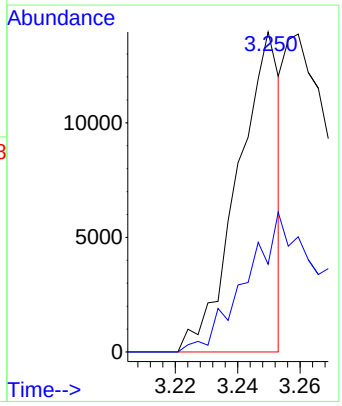


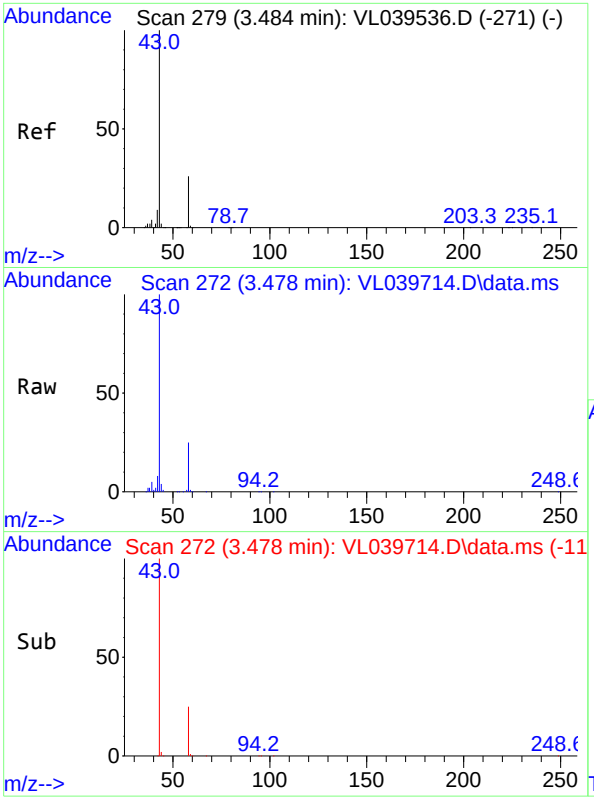


#13
Ethanol
Concen: 3.372 ppbv
RT: 3.250 min Scan# 201
Delta R.T. -0.009 min
Lab File: VL039714.D
Acq: 11 Oct 2022 10:01

Tgt Ion: 45 Resp: 12992

Ion	Ratio	Lower	Upper
45	100		
46	105.7	22.8	91.2#



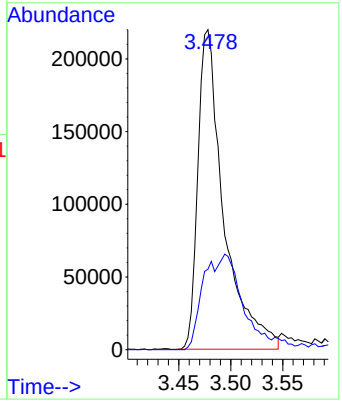


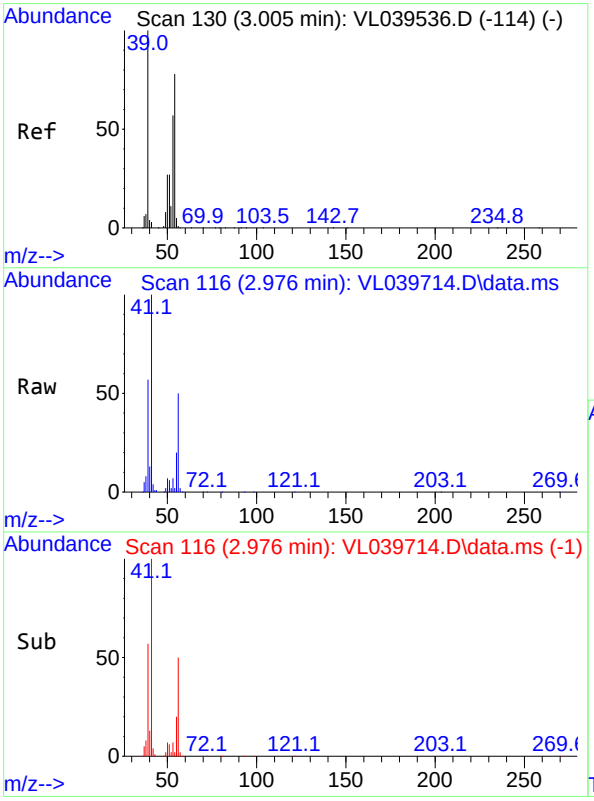
#15
Acetone
Concen: 3.659 ppbv
RT: 3.478 min Scan# 2
Delta R.T. -0.006 min
Lab File: VL039714.D
Acq: 11 Oct 2022 10:01

Instrument :
MSVOA_L
ClientSampleId :
SVP-03DL

Tgt Ion: 43 Resp: 379965

Ion	Ratio	Lower	Upper
43	100		
58	47.3	21.0	31.6#

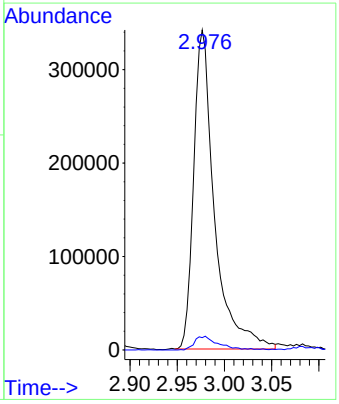


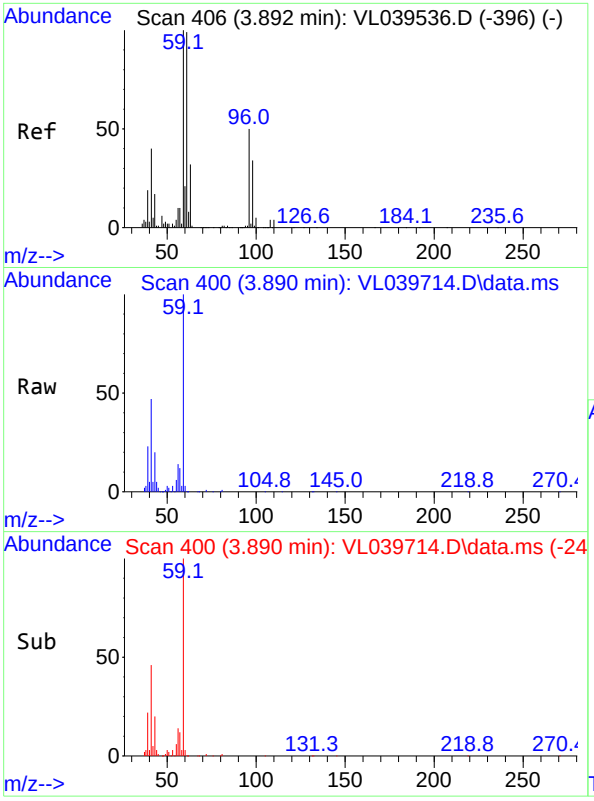


#16
1,3-Butadiene
Concen: 9.912 ppbv
RT: 2.976 min Scan# 116
Delta R.T. -0.028 min
Lab File: VL039714.D
Acq: 11 Oct 2022 10:01

Tgt Ion: 39 Resp: 522100

Ion	Ratio	Lower	Upper
39	100		
54	4.9	63.7	95.5#



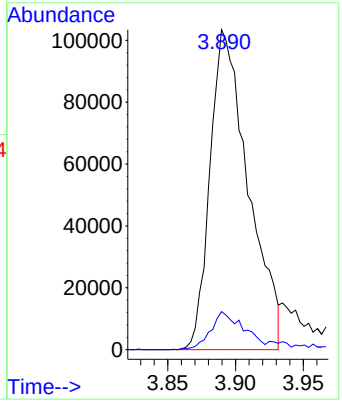


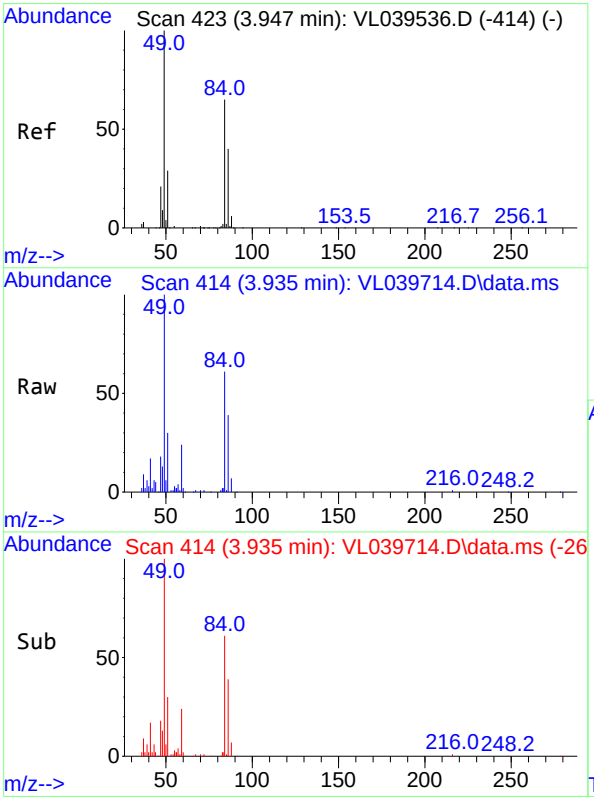
#17
tert-Butyl alcohol
Concen: 2.175 ppbv
RT: 3.890 min Scan# 4
Delta R.T. -0.003 min
Lab File: VL039714.D
Acq: 11 Oct 2022 10:01

Instrument :
MSVOA_L
ClientSampleId :
SVP-03DL

Tgt Ion: 59 Resp: 202702

Ion	Ratio	Lower	Upper
59	100		
57	12.9	8.7	13.1

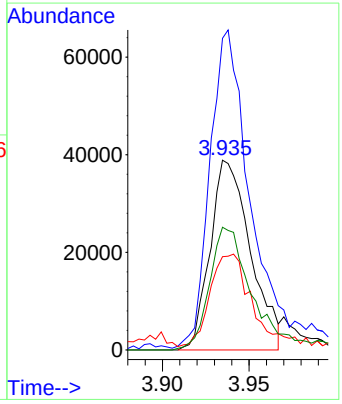


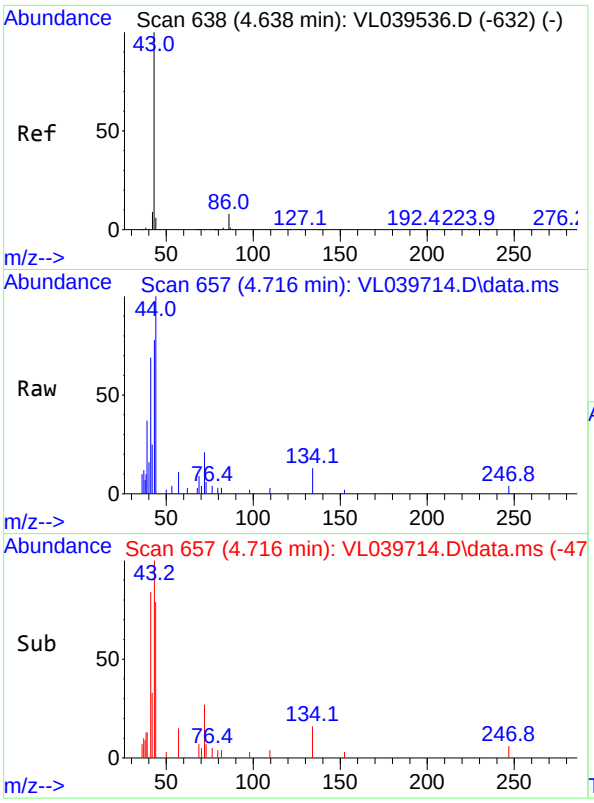


#20
Methylene Chloride
Concen: 1.310 ppbv
RT: 3.935 min Scan# 414
Delta R.T. -0.012 min
Lab File: VL039714.D
Acq: 11 Oct 2022 10:01

Tgt Ion: 84 Resp: 62892

Ion	Ratio	Lower	Upper
84	100		
49	162.3	123.1	184.7
51	47.4	34.4	51.6
86	63.9	51.1	76.7



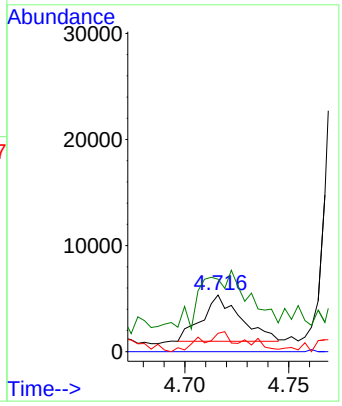


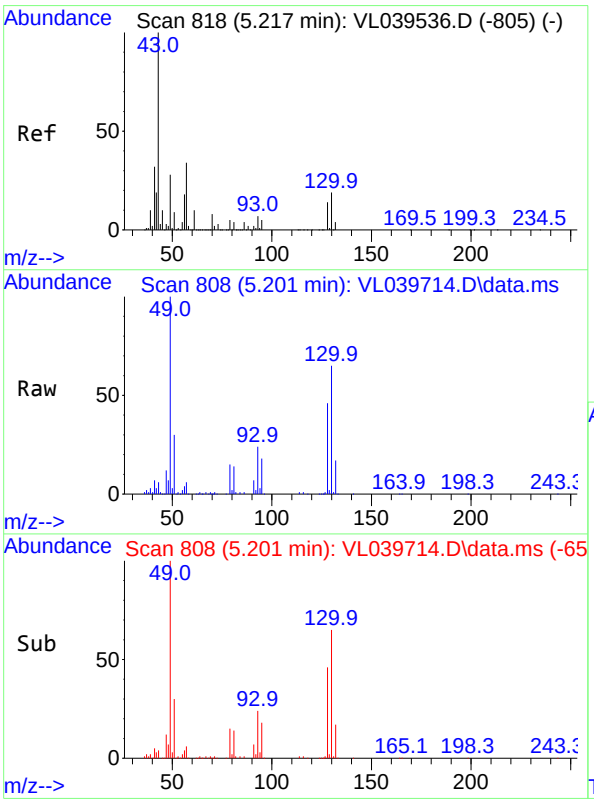
#23
Vinyl Acetate
Concen: 0.121 ppbv
RT: 4.716 min Scan# 6
Delta R.T. 0.078 min
Lab File: VL039714.D
Acq: 11 Oct 2022 10:01

Instrument :
MSVOA_L
ClientSampleId :
SVP-03DL

Tgt Ion: 43 Resp: 5656

Ion	Ratio	Lower	Upper
43	100		
86	0.0	5.0	7.6#
42	34.7	7.7	11.5#
44	103.5	4.6	7.0#

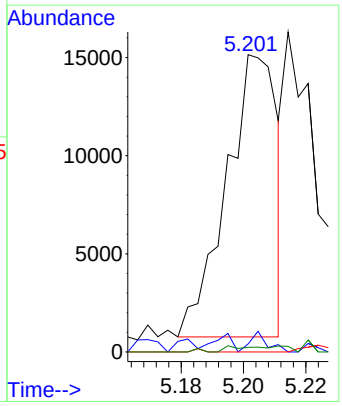


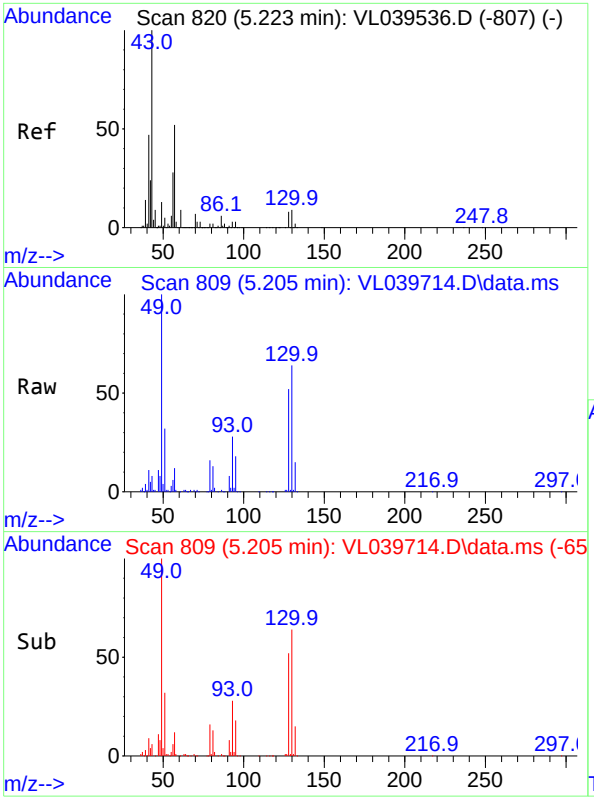


#25
Ethyl Acetate
Concen: 0.071 ppbv
RT: 5.201 min Scan# 808
Delta R.T. -0.015 min
Lab File: VL039714.D
Acq: 11 Oct 2022 10:01

Tgt Ion: 43 Resp: 16166

Ion	Ratio	Lower	Upper
43	100		
45	9.9	8.2	12.4
61	0.0	8.3	12.5#
70	0.0	5.9	8.9#



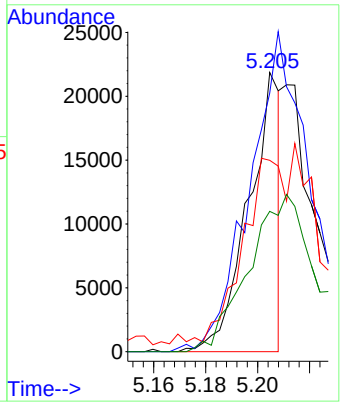


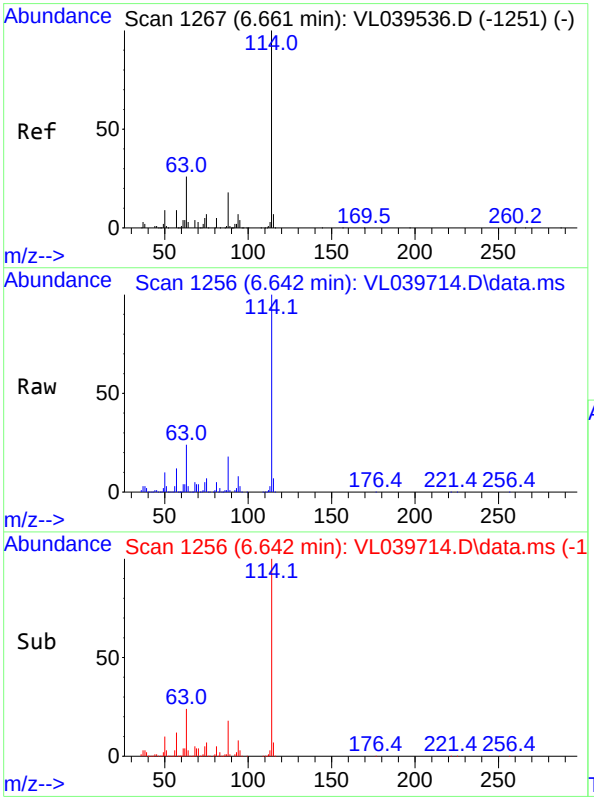
#26
Hexane
Concen: 0.192 ppbv
RT: 5.205 min Scan# 8
Delta R.T. -0.019 min
Lab File: VL039714.D
Acq: 11 Oct 2022 10:01

Instrument :
MSVOA_L
ClientSampleId :
SVP-03DL

Tgt Ion: 57 Resp: 18494

Ion	Ratio	Lower	Upper
57	100		
41	0.0	76.9	115.3#
43	0.0	191.0	286.6#
56	0.0	43.2	64.8#

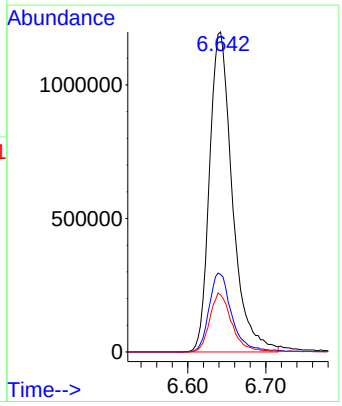


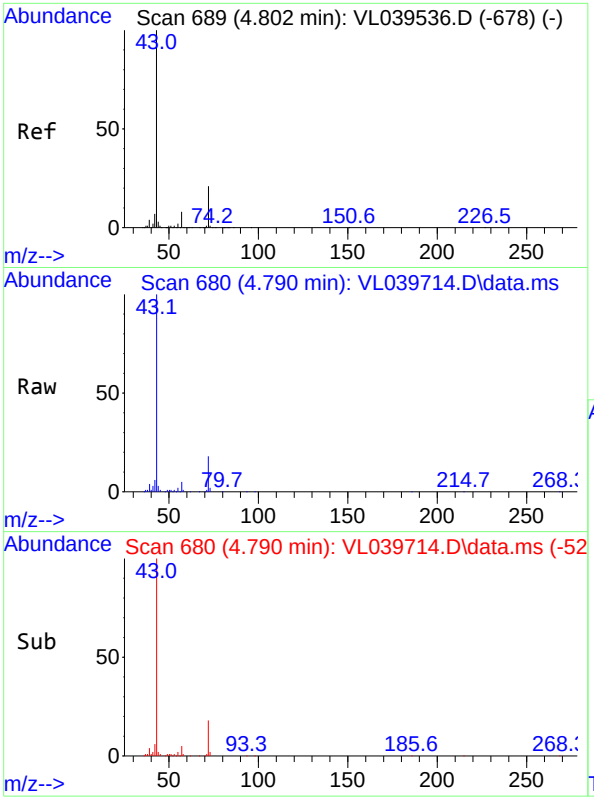


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.642 min Scan# 1256
Delta R.T. -0.019 min
Lab File: VL039714.D
Acq: 11 Oct 2022 10:01

Tgt Ion:114 Resp: 2443915

Ion	Ratio	Lower	Upper
114	100		
63	24.9	20.2	30.4
88	18.0	14.5	21.7



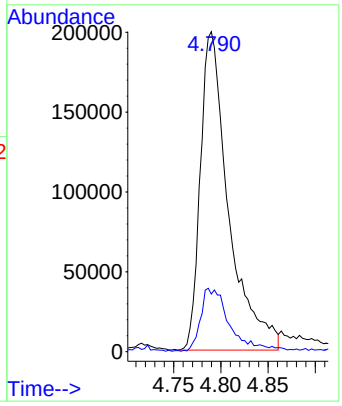


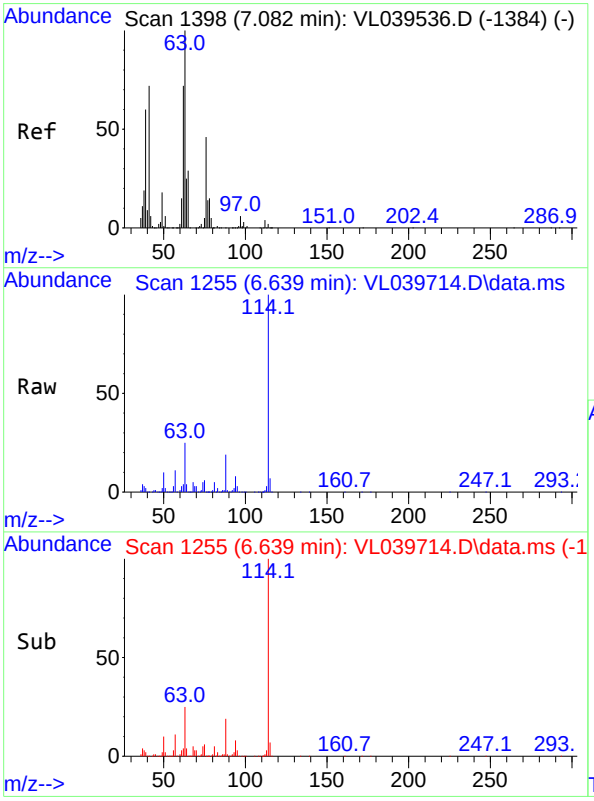
#34
2-Butanone
Concen: 3.452 ppbv
RT: 4.790 min Scan# 6
Delta R.T. -0.012 min
Lab File: VL039714.D
Acq: 11 Oct 2022 10:01

Instrument :
MSVOA_L
ClientSampleId :
SVP-03DL

Tgt Ion: 43 Resp: 414328

Ion	Ratio	Lower	Upper
43	100		
72	20.6	17.9	26.9

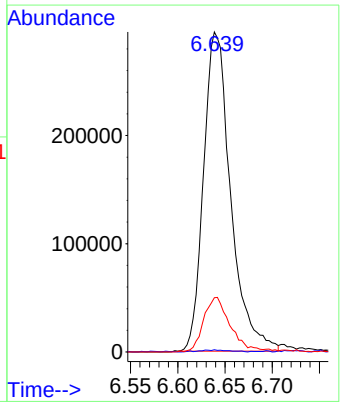


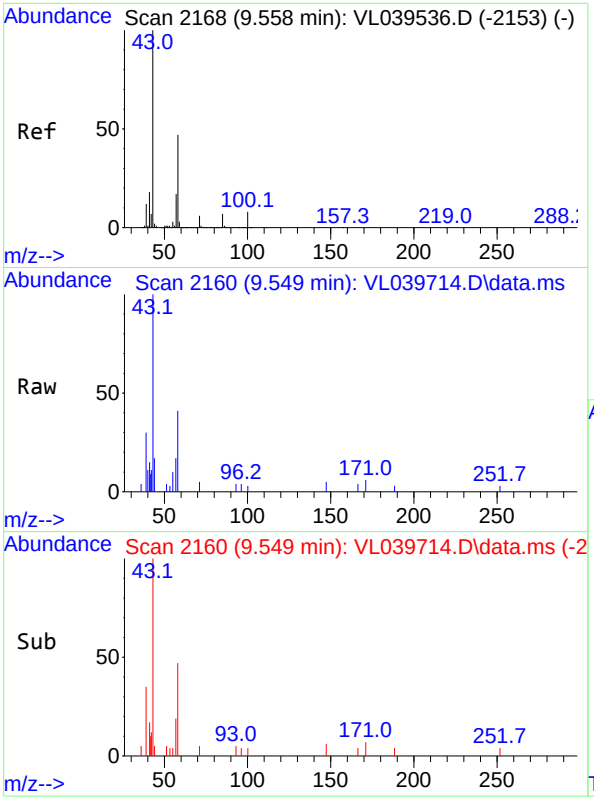


#39
1,2-Dichloropropane
Concen: 8.156 ppbv
RT: 6.639 min Scan# 1255
Delta R.T. -0.443 min
Lab File: VL039714.D
Acq: 11 Oct 2022 10:01

Tgt Ion: 63 Resp: 588468

Ion	Ratio	Lower	Upper
63	100		
41	0.7	59.6	89.4#
62	16.8	51.4	77.0#



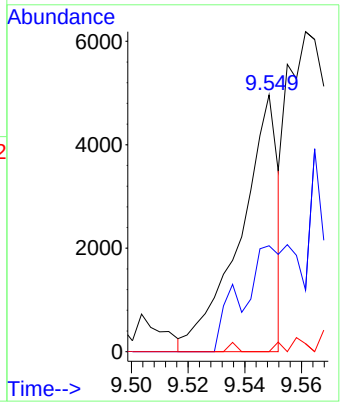


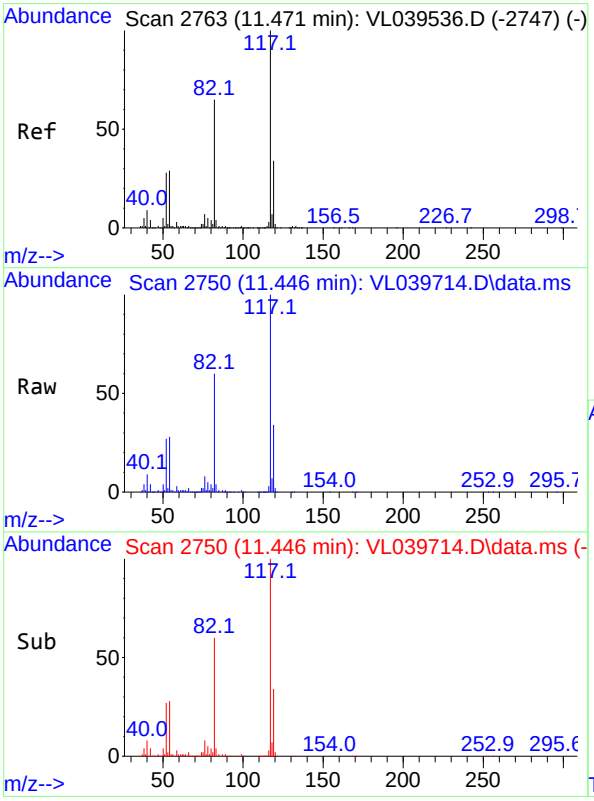
#51
2-Hexanone
Concen: 0.033 ppbv
RT: 9.549 min Scan# 21
Delta R.T. -0.009 min
Lab File: VL039714.D
Acq: 11 Oct 2022 10:01

Instrument :
MSVOA_L
ClientSampleId :
SVP-03DL

Tgt Ion: 43 Resp: 4607

Ion	Ratio	Lower	Upper
43	100		
58	0.0	38.4	57.6#
98	0.0	0.3	0.5#

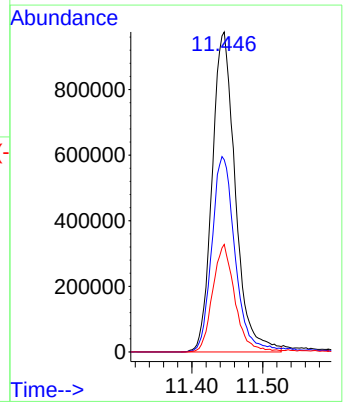


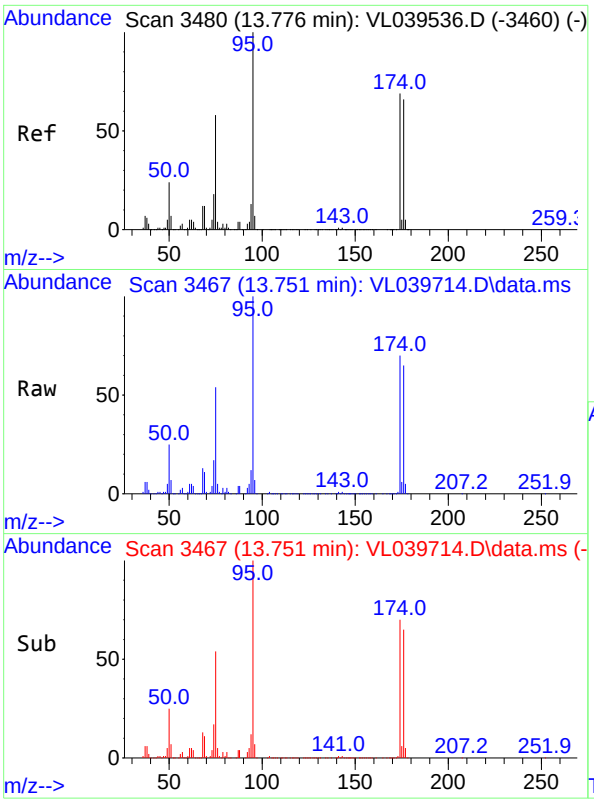


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.446 min Scan# 2750
Delta R.T. -0.025 min
Lab File: VL039714.D
Acq: 11 Oct 2022 10:01

Tgt Ion:117 Resp: 2214053

Ion	Ratio	Lower	Upper
117	100		
82	62.1	50.8	76.2
119	33.1	24.1	36.1





#68
1-Bromo-4-Fluorobenzene
Concen: 9.616 ppbv
RT: 13.751 min Scan# 34
Delta R.T. -0.025 min
Lab File: VL039714.D
Acq: 11 Oct 2022 10:01

Instrument :
MSVOA_L
ClientSampleId :
SVP-03DL

Tgt Ion: 95 Resp: 1589342

Ion	Ratio	Lower	Upper
95	100		
174	73.5	55.9	83.9
175	5.5	4.2	6.4