Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL020724\
Data File : VL041045.D
Acq On : 7 Feb 2024 17:58
Operator : SY/MD
Sample : P1392-01DL 20X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SV-2DL

Quant Time: Feb 08 02:46:25 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL012324AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Thu Feb 08 02:04:13 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.172	49	1212729	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.632	114	3070048	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.442	117	2741360	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.751	95	2101918	10.151	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.500%			
Target Compounds						Qvalue
9) Propene	2.684	41	35848	0.536	ppbv	91
13) Ethanol	3.237	45	9355	0.587	ppbv #	35
15) Acetone	3.465	43	53379	0.344	ppbv #	78
16) 1,3-Butadiene	2.967	39	1841	0.025	ppbv #	10
20) Methylene Chloride	3.915	84	64732	1.085	ppbv	97
25) Ethyl Acetate	5.195	43	37217	0.132	ppbv #	79
26) Hexane	5.195	57	26095	0.218	ppbv #	30
34) 2-Butanone	4.780	43	4185	0.029	ppbv #	54
39) 1,2-Dichloropropane	6.632	63	777553	7.785	ppbv #	23

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

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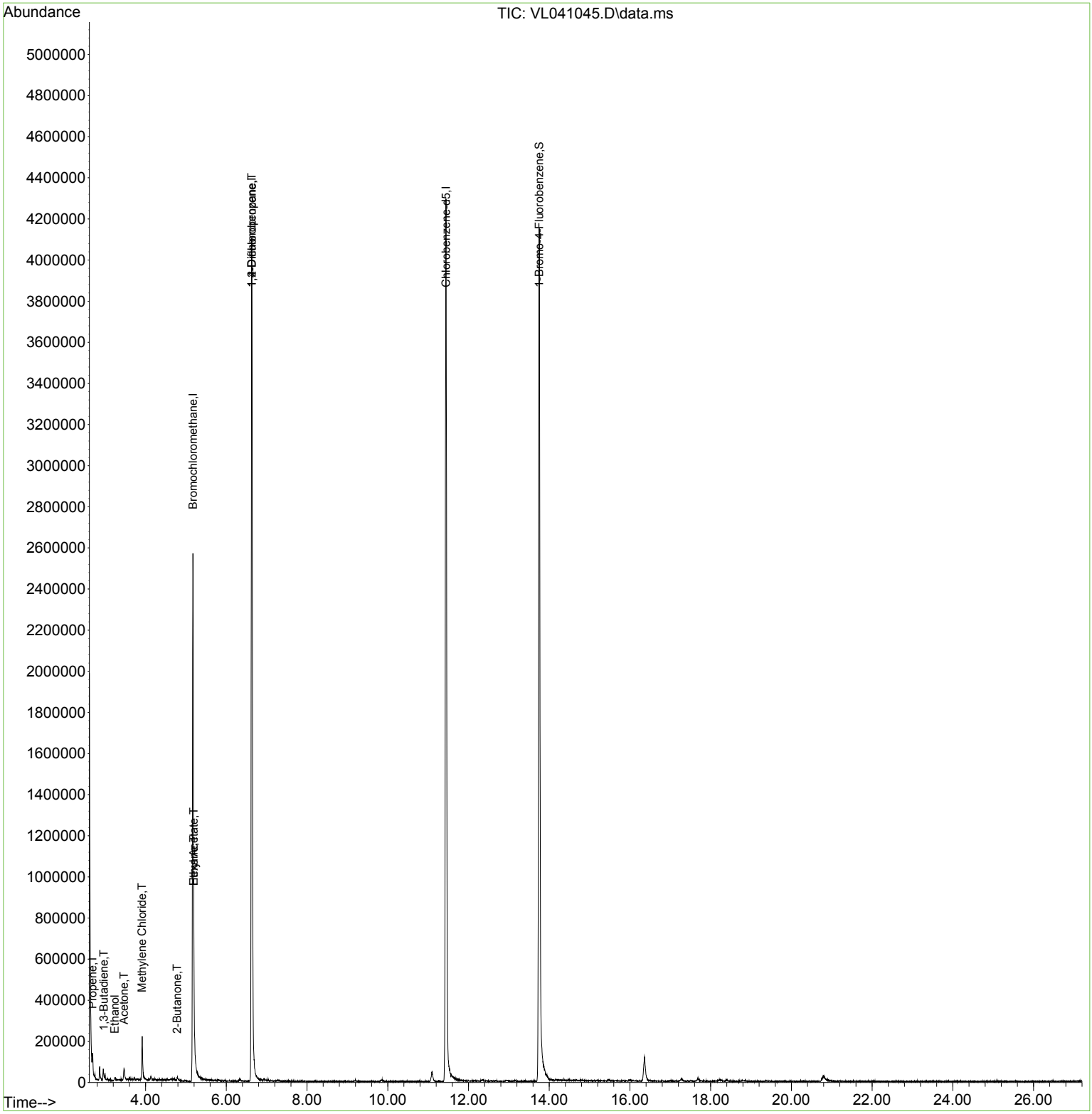
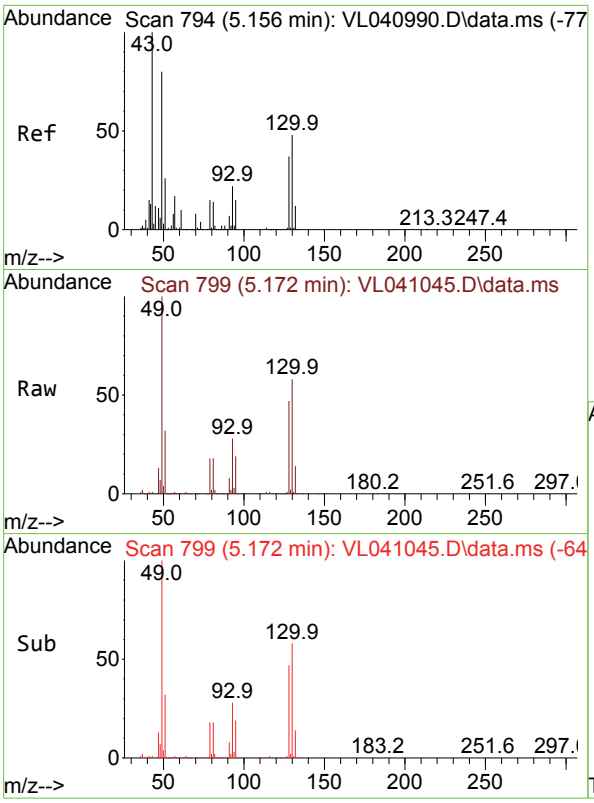


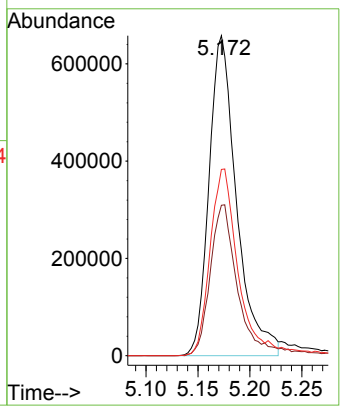


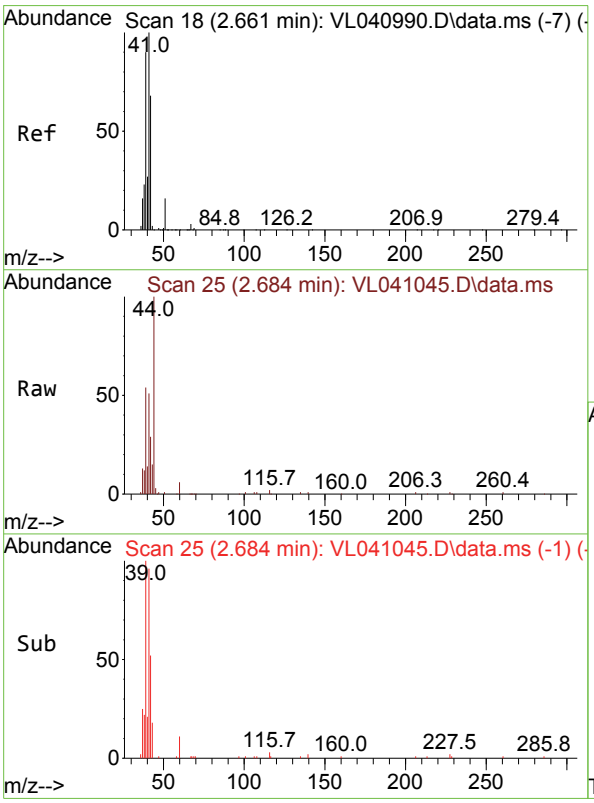
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.172 min Scan# 7
Delta R.T. 0.006 min
Lab File: VL041045.D
Acq: 7 Feb 2024 17:58

Instrument :
MSVOA_L
ClientSampleId :
SV-2DL

Tgt Ion: 49 Resp: 1212729

Ion	Ratio	Lower	Upper
49	100		
128	48.8	23.9	71.7
130	61.7	31.1	93.5

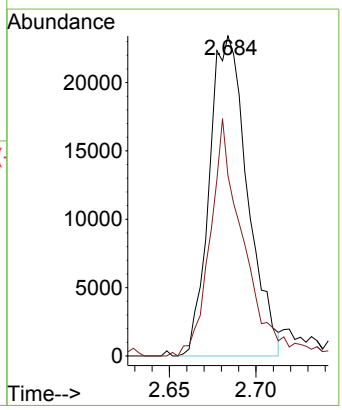


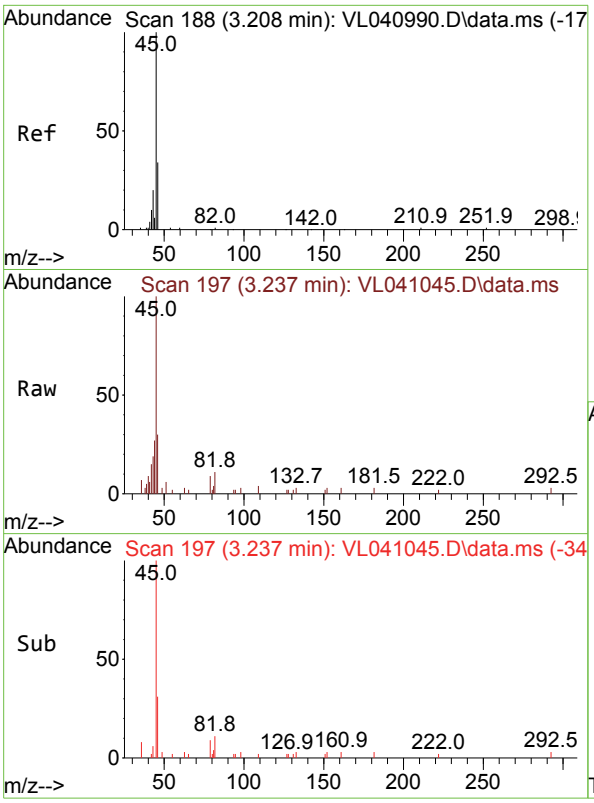


#9
Propene
Concen: 0.536 ppbv
RT: 2.684 min Scan# 25
Delta R.T. 0.016 min
Lab File: VL041045.D
Acq: 7 Feb 2024 17:58

Tgt Ion: 41 Resp: 35848

Ion	Ratio	Lower	Upper
41	100		
42	66.0	59.0	88.4



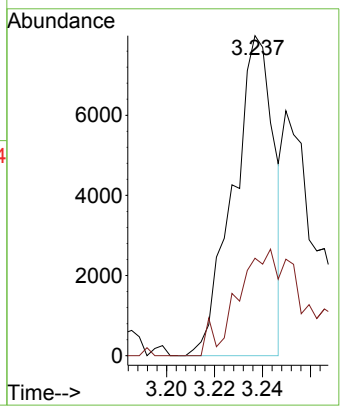


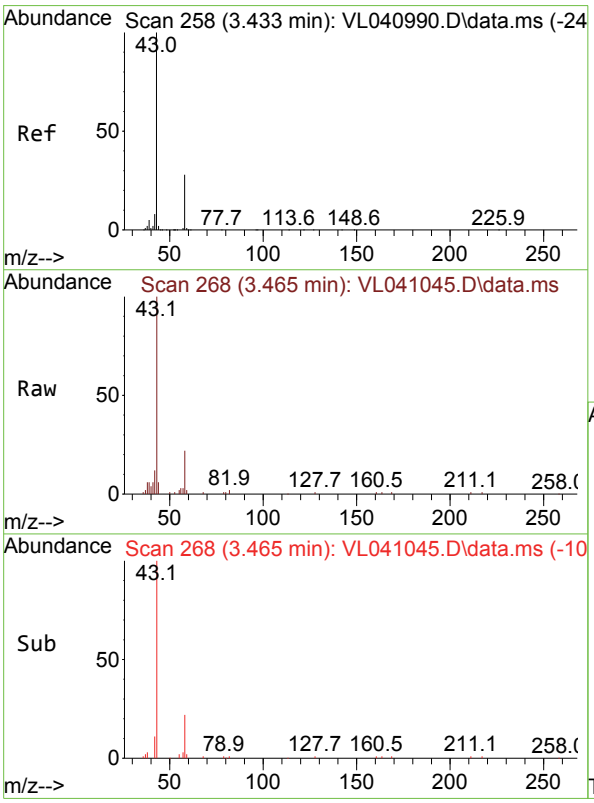
#13
Ethanol
Concen: 0.587 ppbv
RT: 3.237 min Scan# 1
Delta R.T. 0.023 min
Lab File: VL041045.D
Acq: 7 Feb 2024 17:58

Instrument :
MSVOA_L
ClientSampleId :
SV-2DL

Tgt Ion: 45 Resp: 9355

Ion	Ratio	Lower	Upper
45	100		
46	0.0	16.2	64.8#

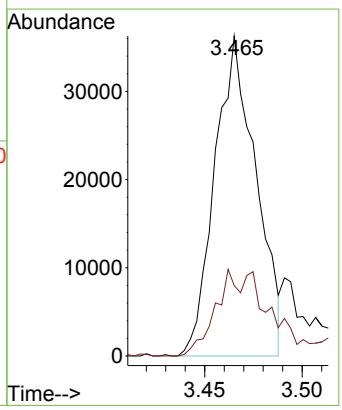


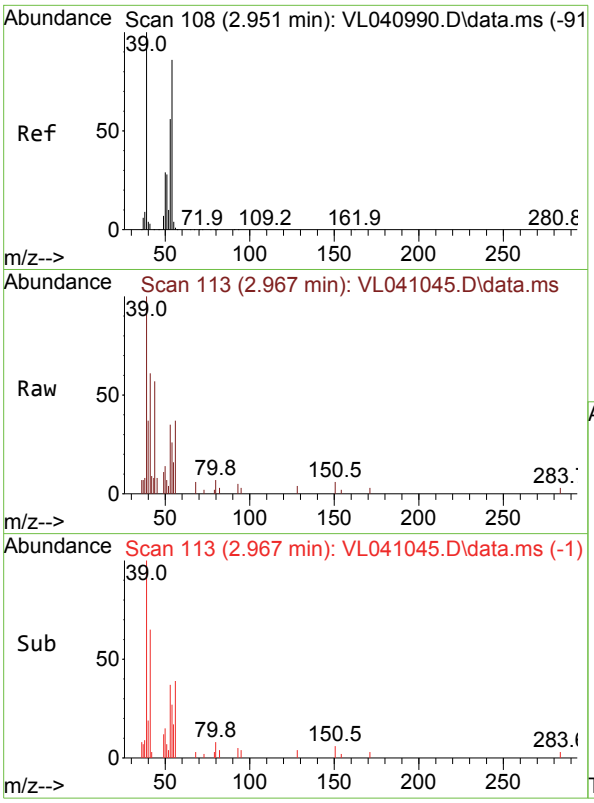


#15
Acetone
Concen: 0.344 ppbv
RT: 3.465 min Scan# 268
Delta R.T. 0.026 min
Lab File: VL041045.D
Acq: 7 Feb 2024 17:58

Tgt Ion: 43 Resp: 53379

Ion	Ratio	Lower	Upper
43	100		
58	39.4	22.2	33.2#



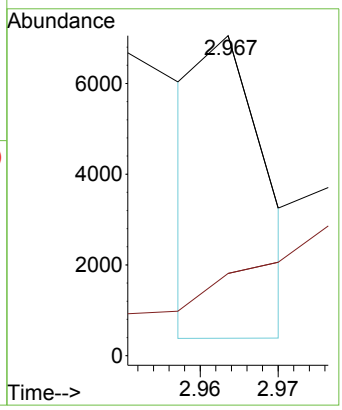


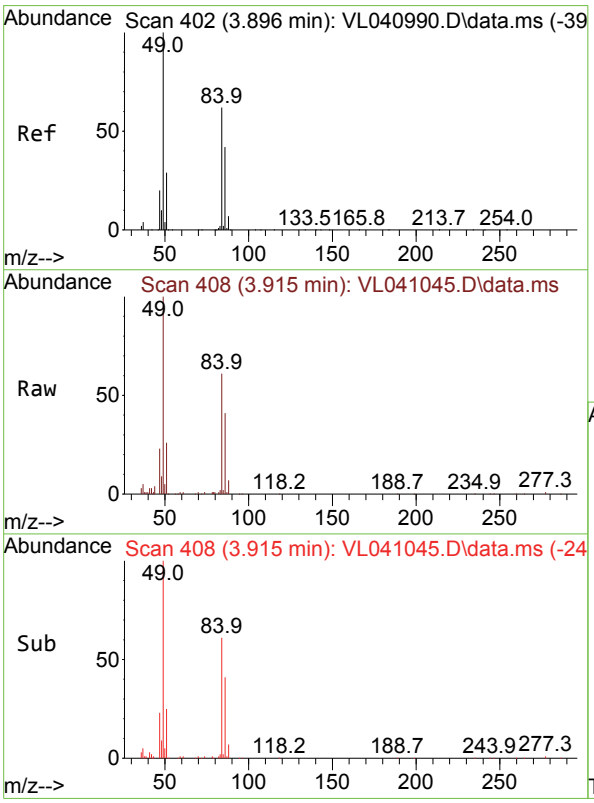
#16
1,3-Butadiene
Concen: 0.025 ppbv
RT: 2.967 min Scan# 1
Delta R.T. 0.010 min
Lab File: VL041045.D
Acq: 7 Feb 2024 17:58

Instrument :
MSVOA_L
ClientSampleId :
SV-2DL

Tgt Ion: 39 Resp: 1841

Ion	Ratio	Lower	Upper
39	100		
54	0.0	62.7	94.1#

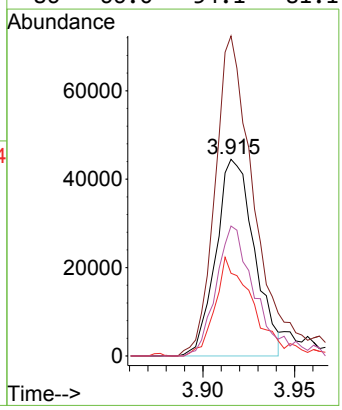


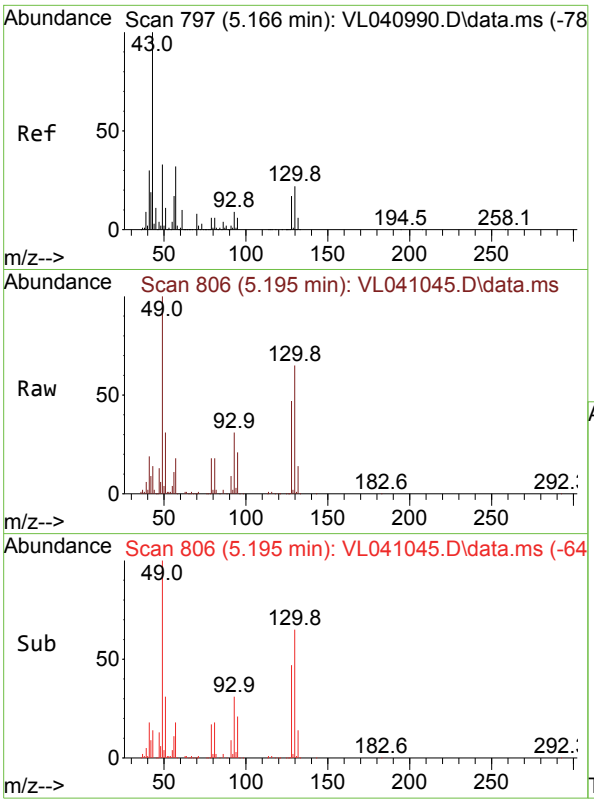


#20
Methylene Chloride
Concen: 1.085 ppbv
RT: 3.915 min Scan# 408
Delta R.T. 0.010 min
Lab File: VL041045.D
Acq: 7 Feb 2024 17:58

Tgt Ion: 84 Resp: 64732

Ion	Ratio	Lower	Upper
84	100		
49	162.7	128.1	192.1
51	42.0	36.5	54.7
86	66.0	54.1	81.1



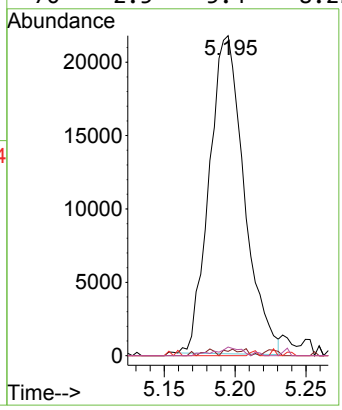


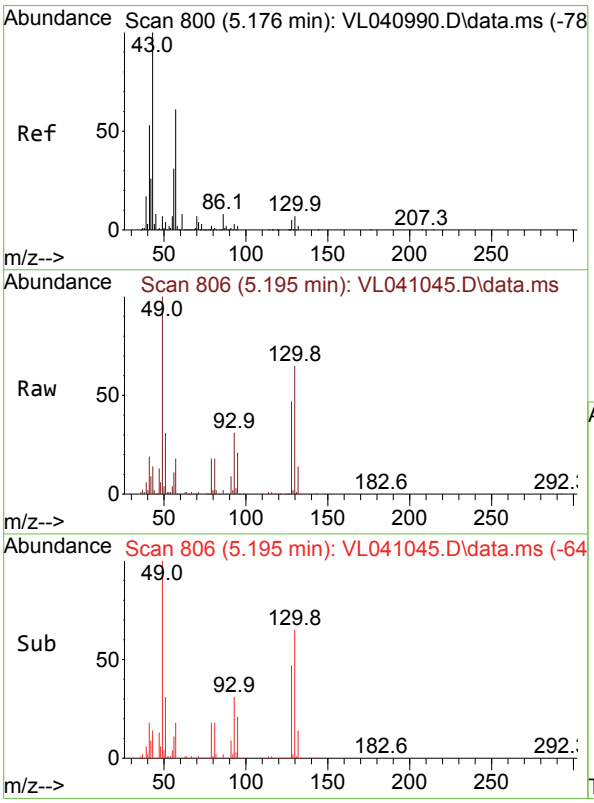
#25
Ethyl Acetate
Concen: 0.132 ppbv
RT: 5.195 min Scan# 8
Delta R.T. 0.016 min
Lab File: VL041045.D
Acq: 7 Feb 2024 17:58

Instrument :
MSVOA_L
ClientSampleId :
SV-2DL

Tgt Ion: 43 Resp: 37217

Ion	Ratio	Lower	Upper
43	100		
45	2.6	8.2	12.4#
61	0.0	7.9	11.9#
70	2.5	5.4	8.2#

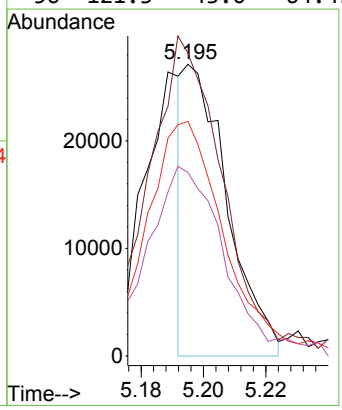


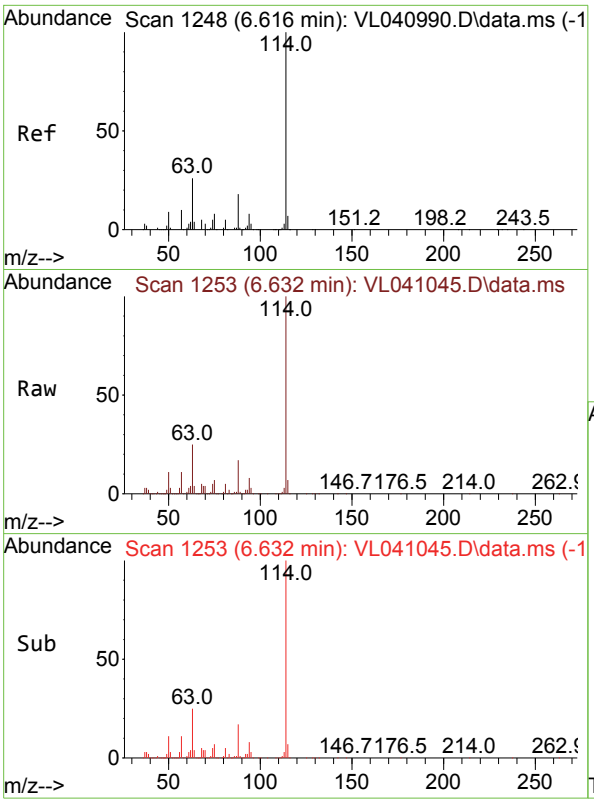


#26
Hexane
Concen: 0.218 ppbv
RT: 5.195 min Scan# 806
Delta R.T. 0.010 min
Lab File: VL041045.D
Acq: 7 Feb 2024 17:58

Tgt Ion: 57 Resp: 26095

Ion	Ratio	Lower	Upper
57	100		
41	198.4	74.4	111.6#
43	155.2	190.6	285.8#
56	121.3	43.0	64.4#



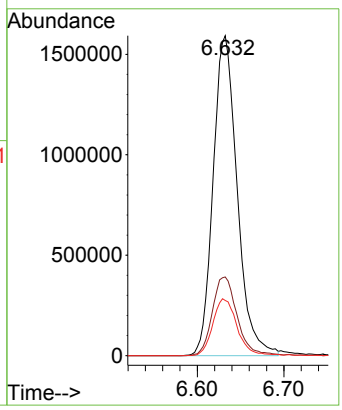


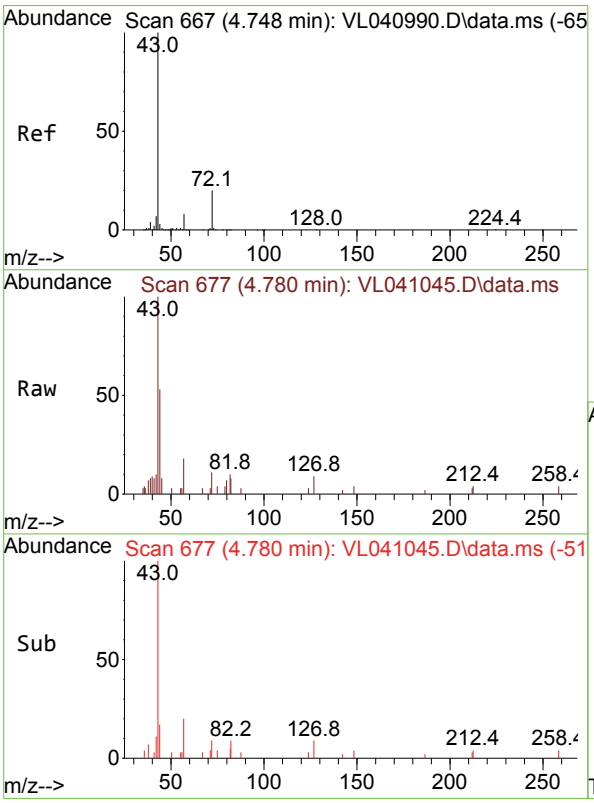
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.632 min Scan# 1
Delta R.T. 0.007 min
Lab File: VL041045.D
Acq: 7 Feb 2024 17:58

Instrument :
MSVOA_L
ClientSampleId :
SV-2DL

Tgt Ion:114 Resp: 3070048

Ion	Ratio	Lower	Upper
114	100		
63	25.8	20.8	31.2
88	18.2	14.3	21.5

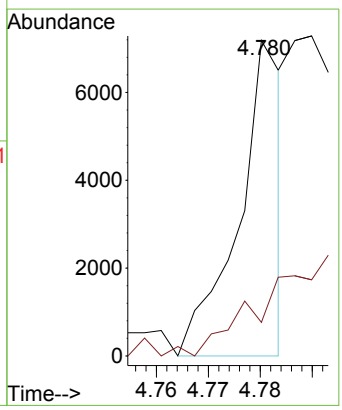


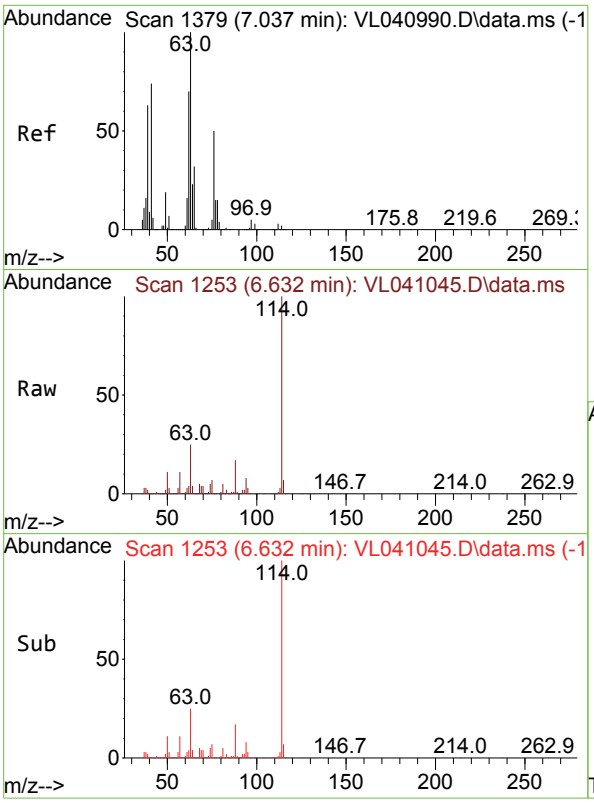


#34
2-Butanone
Concen: 0.029 ppbv
RT: 4.780 min Scan# 677
Delta R.T. 0.023 min
Lab File: VL041045.D
Acq: 7 Feb 2024 17:58

Tgt Ion: 43 Resp: 4185

Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.5	26.3#



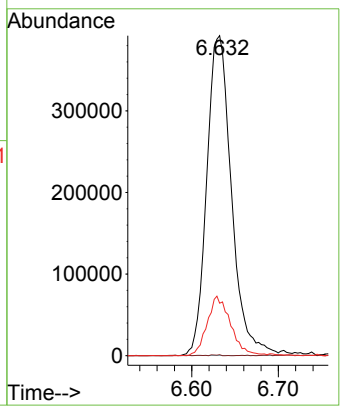


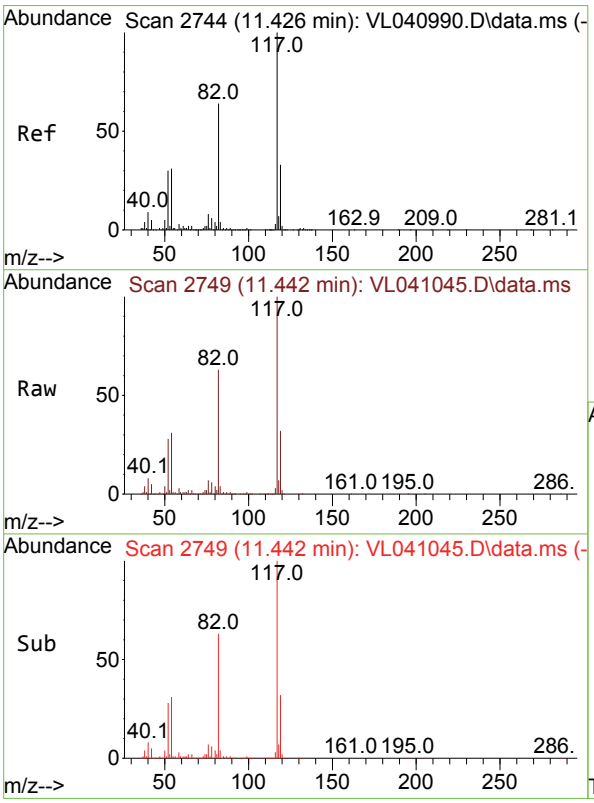
#39
1,2-Dichloropropane
Concen: 7.785 ppbv
RT: 6.632 min Scan# 1
Delta R.T. -0.415 min
Lab File: VL041045.D
Acq: 7 Feb 2024 17:58

Instrument :
MSVOA_L
ClientSampleId :
SV-2DL

Tgt Ion: 63 Resp: 777553

Ion	Ratio	Lower	Upper
63	100		
41	0.3	59.6	89.4#
62	16.4	55.6	83.4#

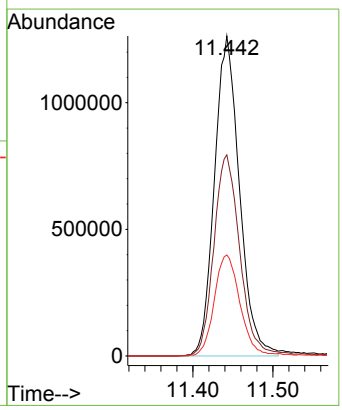


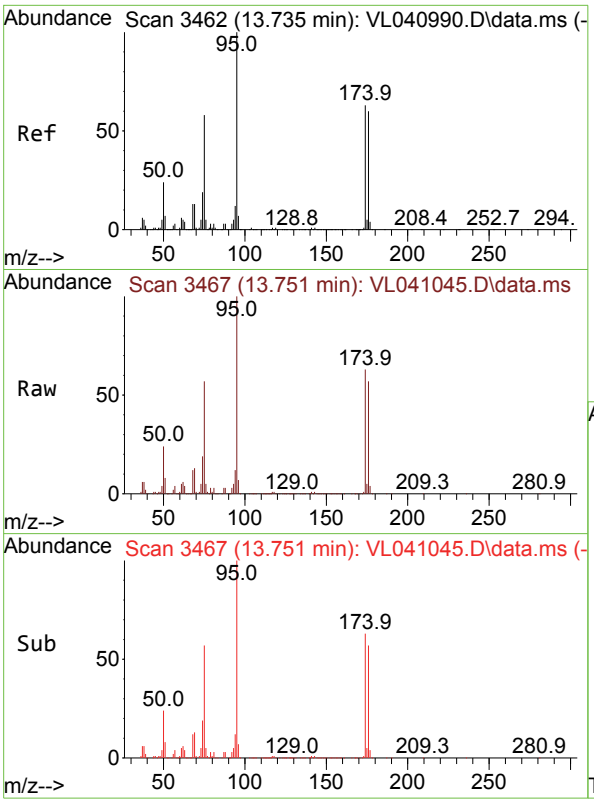


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.442 min Scan# 2749
Delta R.T. 0.003 min
Lab File: VL041045.D
Acq: 7 Feb 2024 17:58

Tgt Ion:117 Resp: 2741360

Ion	Ratio	Lower	Upper
117	100		
82	66.1	51.7	77.5
119	33.1	23.8	35.6





#68
1-Bromo-4-Fluorobenzene
Concen: 10.151 ppbv
RT: 13.751 min Scan# 3
Delta R.T. 0.003 min
Lab File: VL041045.D
Acq: 7 Feb 2024 17:58

Instrument :
MSVOA_L
ClientSampleId :
SV-2DL

Tgt Ion: 95 Resp: 2101918

Ion	Ratio	Lower	Upper
95	100		
174	62.4	49.1	73.7
175	4.6	3.7	5.5