Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110922\
Data File : VL039857.D
Acq On : 9 Nov 2022 20:50
Operator : SY/AP
Sample : N5527-04DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
10605-BASEMENT-NEAR-SINKDL

Quant Time: Nov 10 03:51:52 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Thu Nov 03 09:27:12 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	5.179	49	980874	10.000	ppbv		0.00
33) 1,4-Difluorobenzene	6.632	114	2332219	10.000	ppbv		-0.01
55) Chlorobenzene-d5	11.433	117	2086812	10.000	ppbv		-0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	13.744	95	1692361	10.835	ppbv		-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 108.300%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.738	85	7335	0.044	ppbv		99
3) Chlorodifluoromethane	2.684	51	1047567	8.958	ppbv		97
4) Chloromethane	2.819	50	2750	0.038	ppbv		94
9) Propene	2.713	41	77843	1.278	ppbv	#	65
13) Ethanol	3.240	45	362117	84.096	ppbv		98
15) Acetone	3.468	43	1328091	11.124	ppbv		100
19) Isopropyl Alcohol	3.623	45	4271	0.072	ppbv	#	29
20) Methylene Chloride	3.928	84	35845	0.839	ppbv		88
23) Vinyl Acetate	4.613	43	2823	0.059	ppbv	#	87
25) Ethyl Acetate	5.201	43	73012	0.297	ppbv	#	93
26) Hexane	5.201	57	53802	0.491	ppbv	#	66
34) 2-Butanone	4.780	43	186701	1.940	ppbv		93
39) 1,2-Dichloropropane	6.632	63	610725	7.968	ppbv	#	26
41) Tetrahydrofuran	5.562	42	39251	0.488	ppbv		90
44) 2,2,4-Trimethylpentane	7.307	57	11674	0.035	ppbv	#	63
53) Toluene	9.192	91	140864	0.624	ppbv		97
58) Ethyl Benzene	12.063	91	11698	0.041	ppbv		96
59) m/p-Xylene	12.327	91	34715	0.147	ppbv	#	30

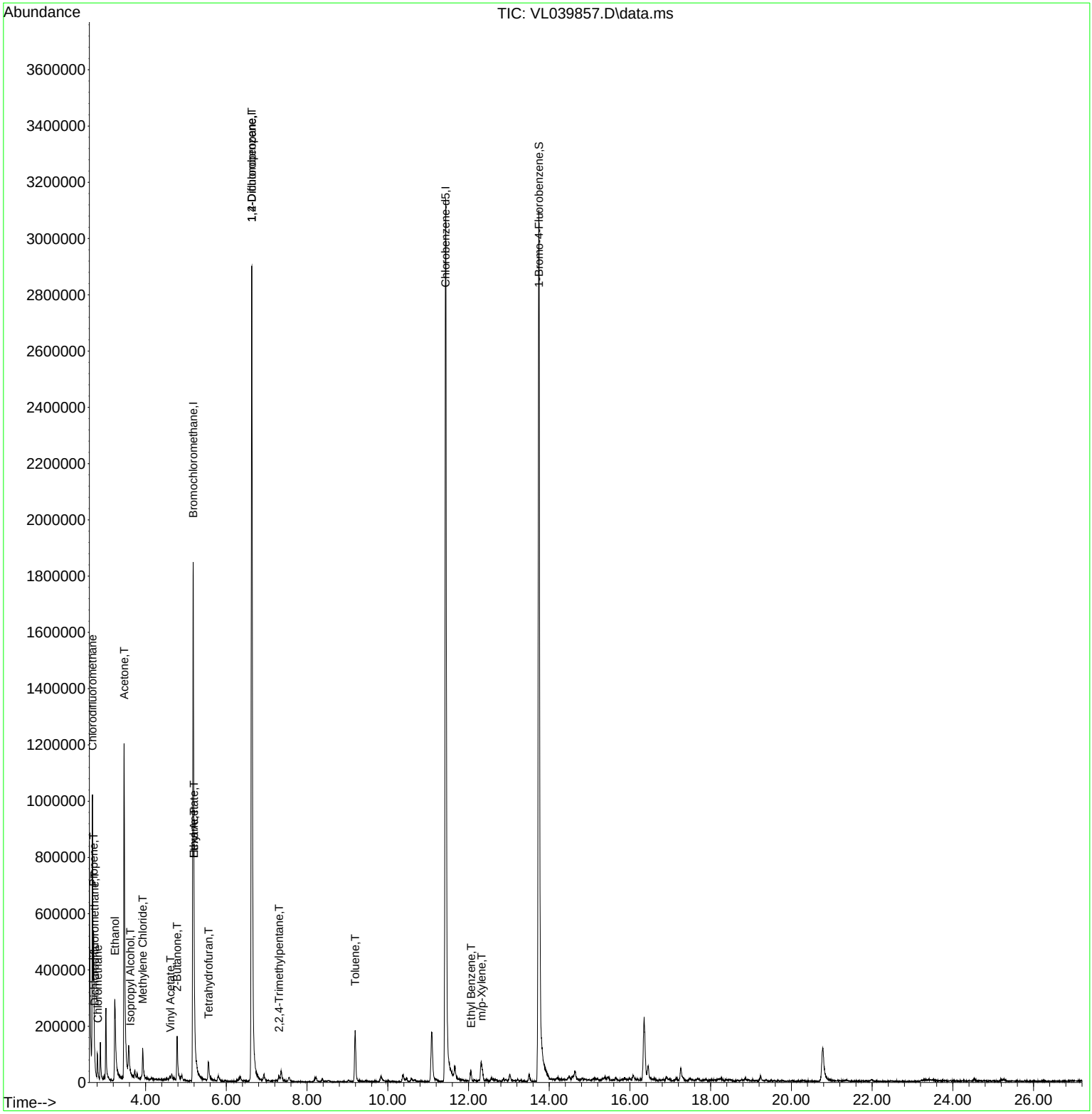
(#) = qualifier out of range (m) = manual integration (+) = signals summed

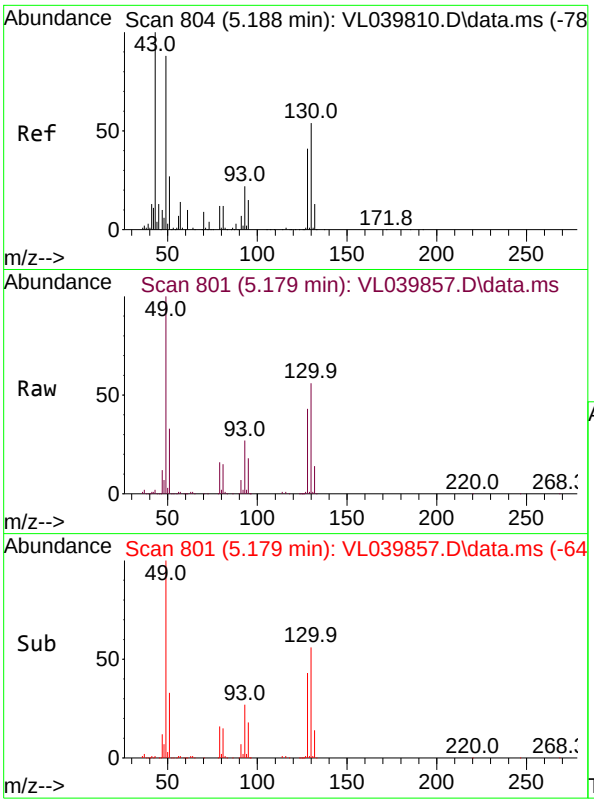
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110922\
Data File : VL039857.D
Acq On : 9 Nov 2022 20:50
Operator : SY/AP
Sample : N5527-04DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
10605-BASEMENT-NEAR-SINKDL

Quant Time: Nov 10 03:51:52 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Thu Nov 03 09:27:12 2022
Response via : Initial Calibration



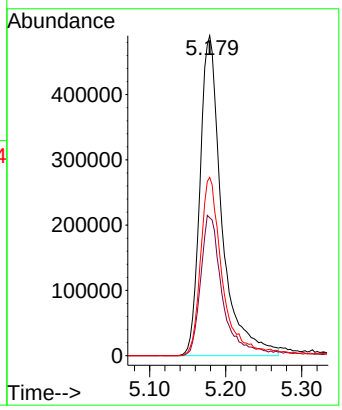


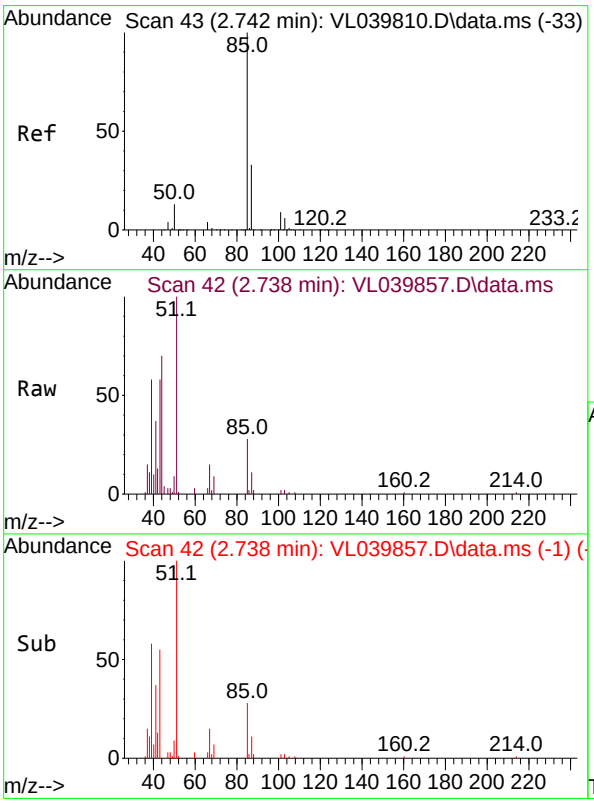
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.179 min Scan# 8
Delta R.T. -0.009 min
Lab File: VL039857.D
Acq: 9 Nov 2022 20:50

Instrument :
MSVOA_L
ClientSampleId :
10605-BASEMENT-NEAR-SINKDL

Tgt Ion: 49 Resp: 980874

Ion	Ratio	Lower	Upper
49	100		
128	45.6	24.6	73.6
130	57.8	31.1	93.2

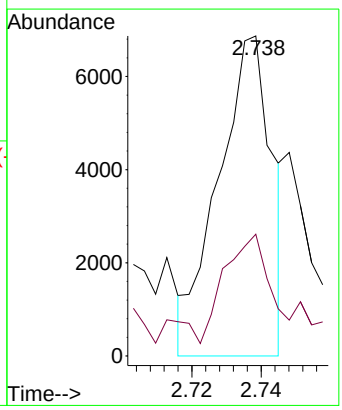


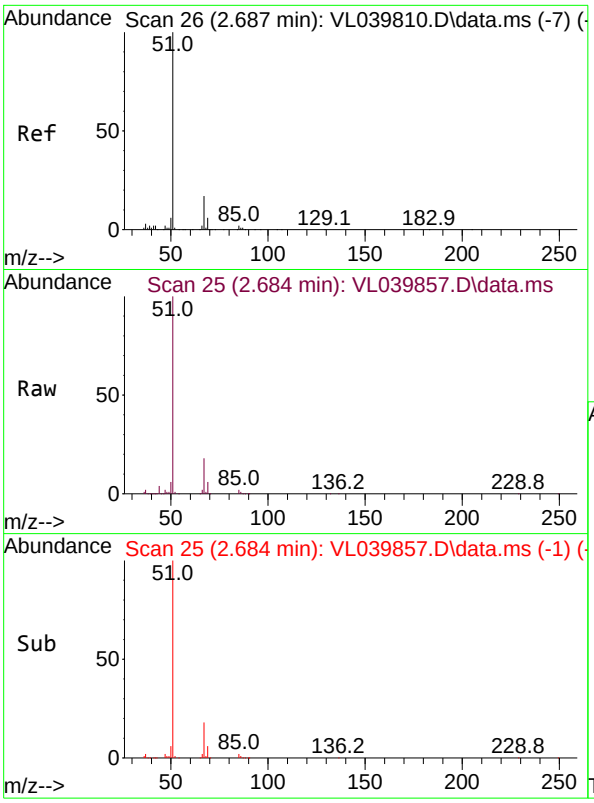


#2
Dichlorodifluoromethane
Concen: 0.044 ppbv
RT: 2.738 min Scan# 42
Delta R.T. -0.003 min
Lab File: VL039857.D
Acq: 9 Nov 2022 20:50

Tgt Ion: 85 Resp: 7335

Ion	Ratio	Lower	Upper
85	100		
87	33.7	26.4	39.6



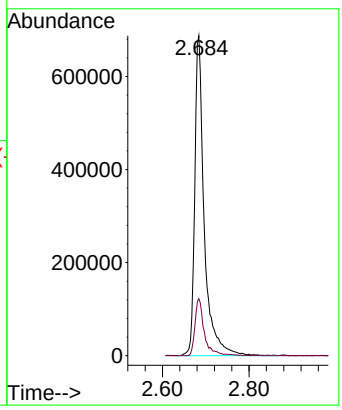


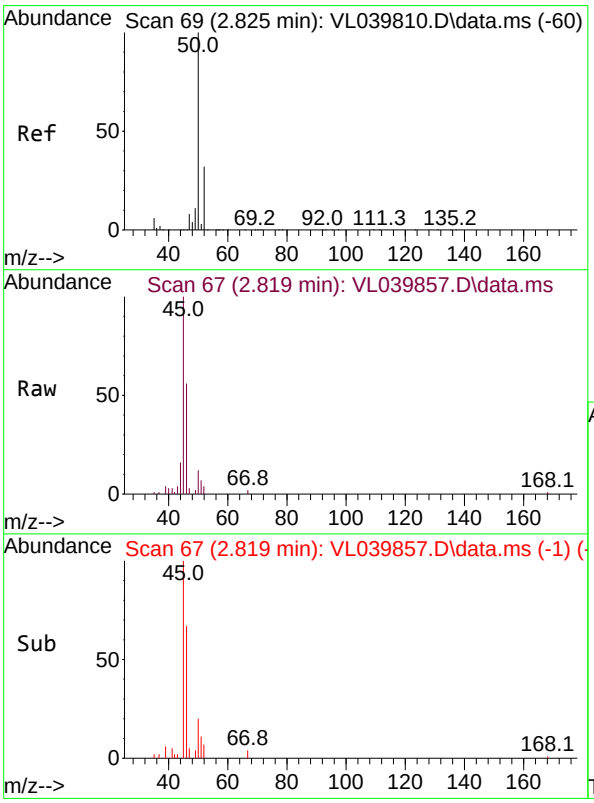
#3
Chlorodifluoromethane
Concen: 8.958 ppbv
RT: 2.684 min Scan# 2
Delta R.T. -0.003 min
Lab File: VL039857.D
Acq: 9 Nov 2022 20:50

Instrument :
MSVOA_L
ClientSampleId :
10605-BASEMENT-NEAR-SINKDL

Tgt Ion: 51 Resp: 1047567

Ion	Ratio	Lower	Upper
51	100		
67	17.6	13.2	19.8

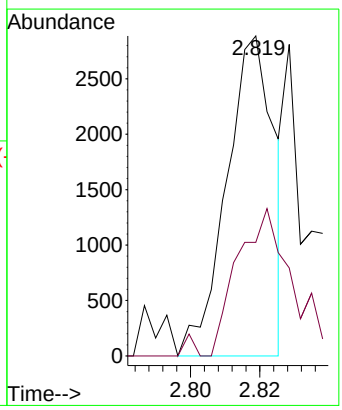


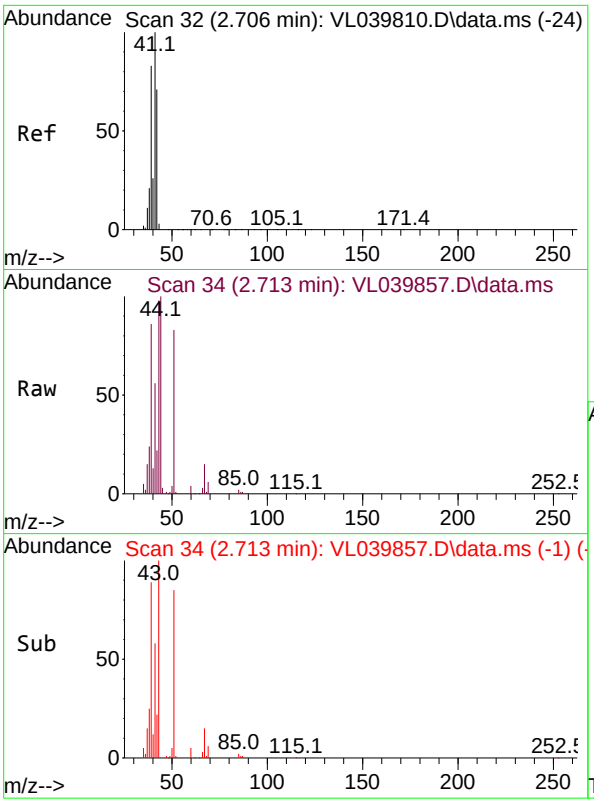


#4
Chloromethane
Concen: 0.038 ppbv
RT: 2.819 min Scan# 67
Delta R.T. -0.006 min
Lab File: VL039857.D
Acq: 9 Nov 2022 20:50

Tgt Ion: 50 Resp: 2750

Ion	Ratio	Lower	Upper
50	100		
52	35.5	25.5	38.3



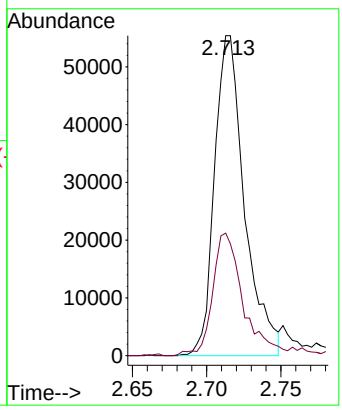


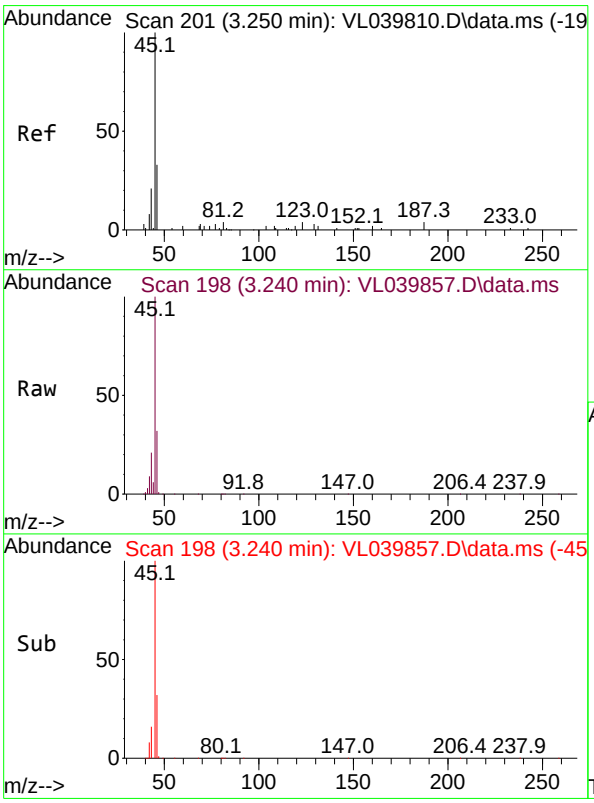
#9
Propene
Concen: 1.278 ppbv
RT: 2.713 min Scan# 34
Delta R.T. 0.007 min
Lab File: VL039857.D
Acq: 9 Nov 2022 20:50

Instrument :
MSVOA_L
ClientSampleId :
10605-BASEMENT-NEAR-SINKDL

Tgt Ion: 41 Resp: 77843

Ion	Ratio	Lower	Upper
41	100		
42	41.2	56.3	84.5#

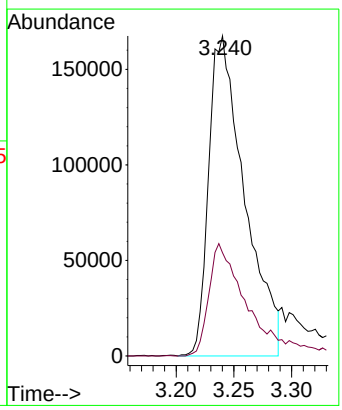


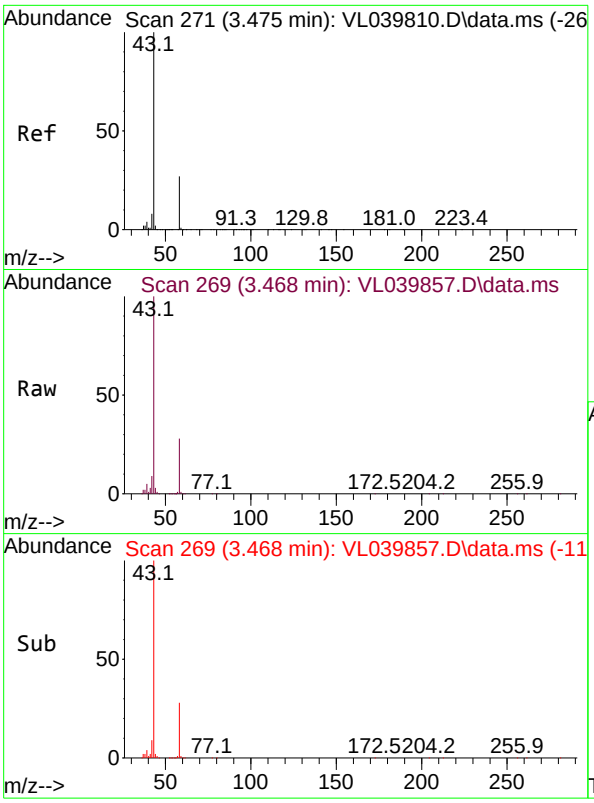


#13
Ethanol
Concen: 84.096 ppbv
RT: 3.240 min Scan# 198
Delta R.T. -0.010 min
Lab File: VL039857.D
Acq: 9 Nov 2022 20:50

Tgt Ion: 45 Resp: 362117

Ion	Ratio	Lower	Upper
45	100		
46	39.9	16.5	65.9



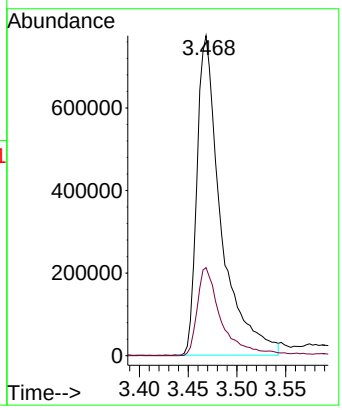


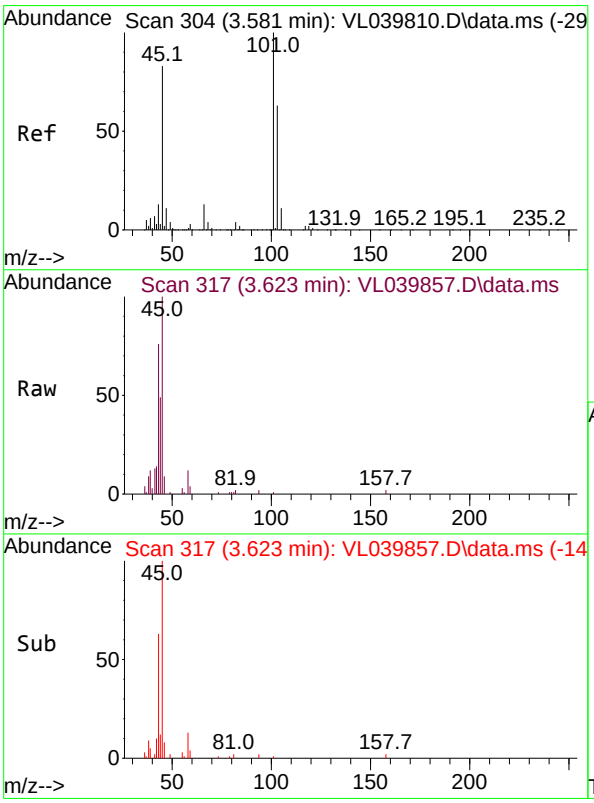
#15
Acetone
Concen: 11.124 ppbv
RT: 3.468 min Scan# 2
Delta R.T. -0.006 min
Lab File: VL039857.D
Acq: 9 Nov 2022 20:50

Instrument :
MSVOA_L
ClientSampleId :
10605-BASEMENT-NEAR-SINKDL

Tgt Ion: 43 Resp: 1328091

Ion	Ratio	Lower	Upper
43	100		
58	29.1	23.2	34.8

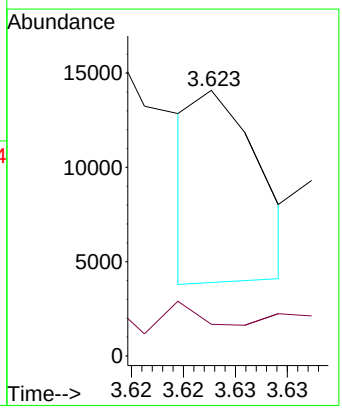


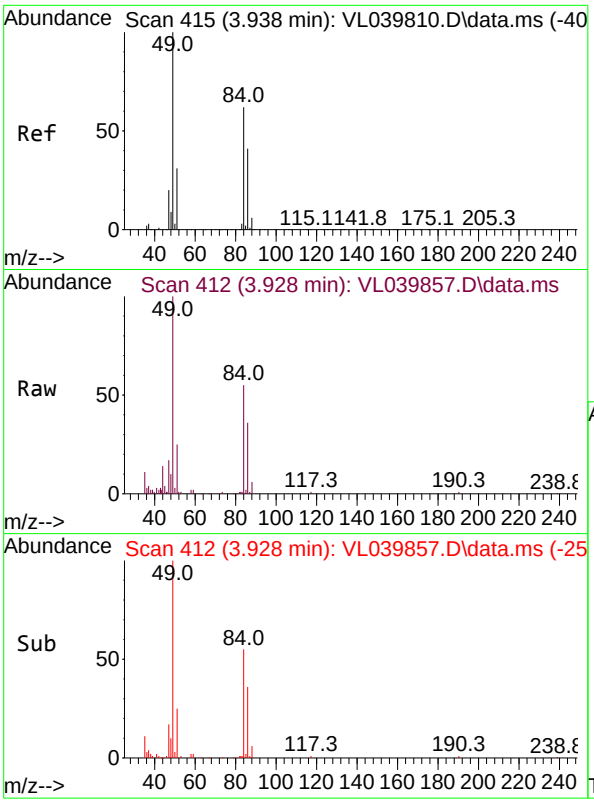


#19
Isopropyl Alcohol
Concen: 0.072 ppbv
RT: 3.623 min Scan# 317
Delta R.T. 0.042 min
Lab File: VL039857.D
Acq: 9 Nov 2022 20:50

Tgt Ion: 45 Resp: 4271

Ion	Ratio	Lower	Upper
45	100		
58	0.0	38.3	57.5#



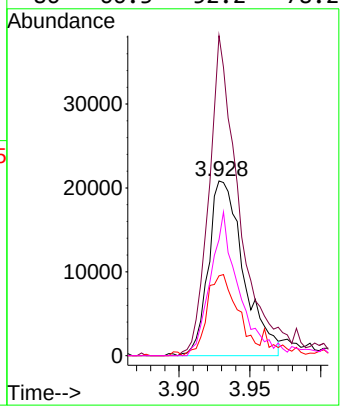


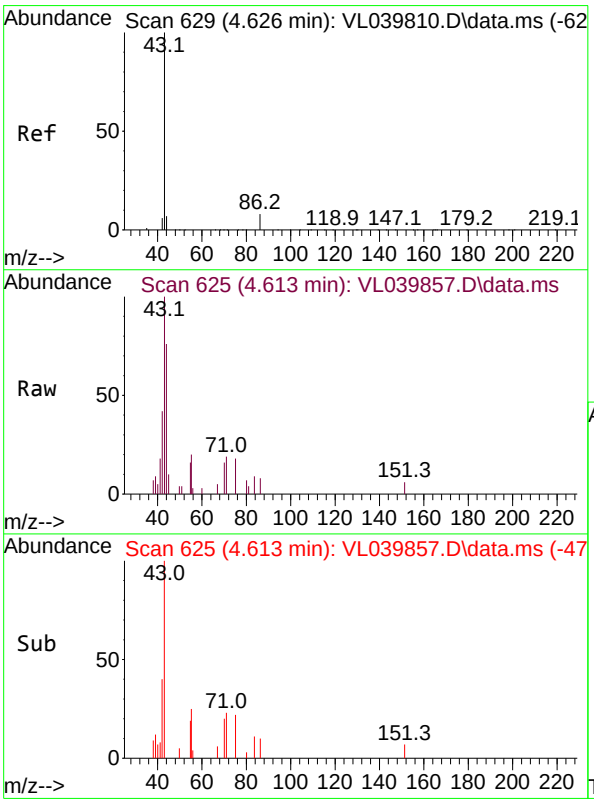
#20
Methylene Chloride
Concen: 0.839 ppbv
RT: 3.928 min Scan# 41
Delta R.T. -0.010 min
Lab File: VL039857.D
Acq: 9 Nov 2022 20:50

Instrument :
MSVOA_L
ClientSampleId :
10605-BASEMENT-NEAR-SINKDL

Tgt Ion: 84 Resp: 35845

Ion	Ratio	Lower	Upper
84	100		
49	183.1	128.6	192.8
51	43.7	40.2	60.4
86	66.3	52.2	78.2

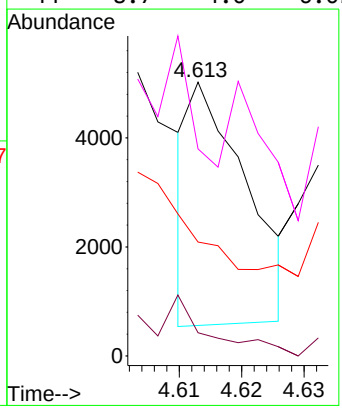


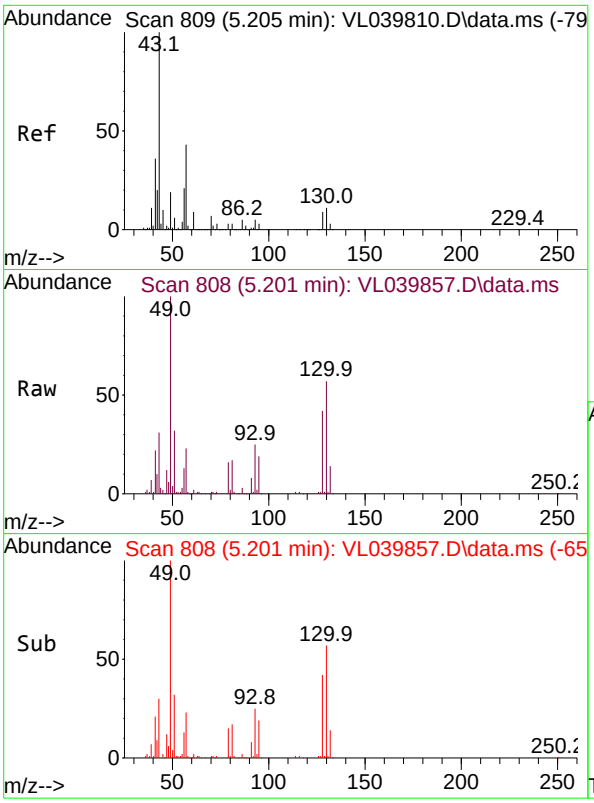


#23
Vinyl Acetate
Concen: 0.059 ppbv
RT: 4.613 min Scan# 625
Delta R.T. -0.013 min
Lab File: VL039857.D
Acq: 9 Nov 2022 20:50

Tgt Ion: 43 Resp: 2823

Ion	Ratio	Lower	Upper
43	100		
86	9.1	5.0	7.4#
42	14.9	6.8	10.2#
44	8.7	4.0	6.0#



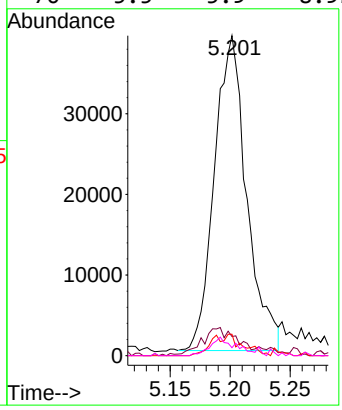


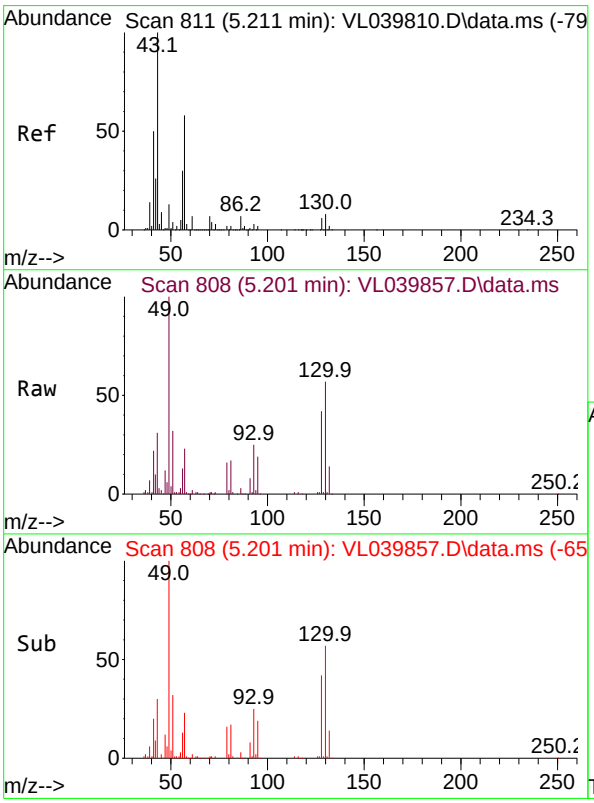
#25
Ethyl Acetate
Concen: 0.297 ppbv
RT: 5.201 min Scan# 8
Delta R.T. -0.003 min
Lab File: VL039857.D
Acq: 9 Nov 2022 20:50

Instrument :
MSVOA_L
ClientSampleId :
10605-BASEMENT-NEAR-SINKDL

Tgt Ion: 43 Resp: 73012

Ion	Ratio	Lower	Upper
43	100		
45	12.8	8.2	12.2#
61	7.3	8.1	12.1#
70	5.5	5.9	8.9#

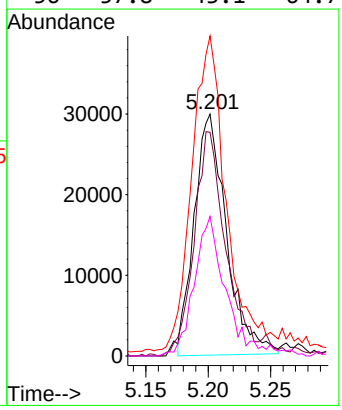


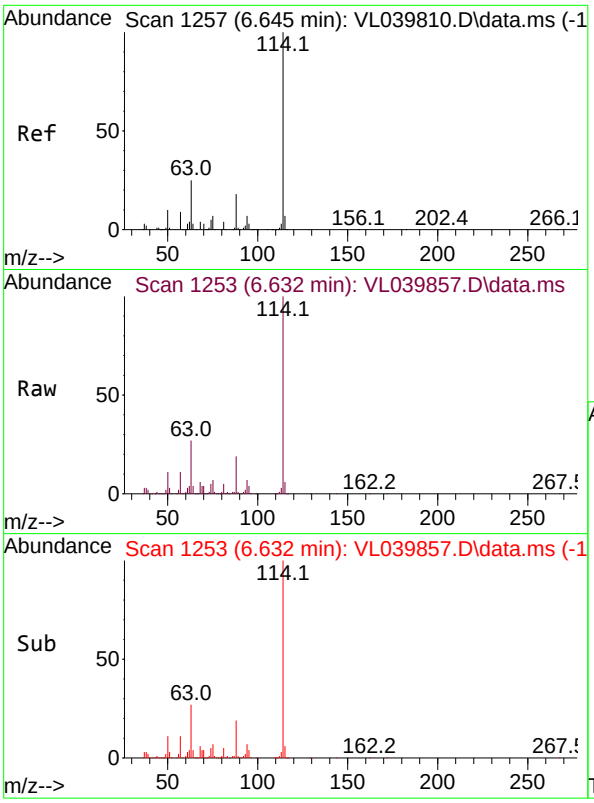


#26
Hexane
Concen: 0.491 ppbv
RT: 5.201 min Scan# 808
Delta R.T. -0.010 min
Lab File: VL039857.D
Acq: 9 Nov 2022 20:50

Tgt Ion: 57 Resp: 53802

Ion	Ratio	Lower	Upper
57	100		
41	96.3	73.7	110.5
43	149.8	189.8	284.8#
56	57.8	43.1	64.7



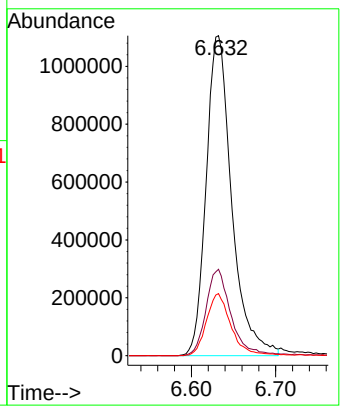


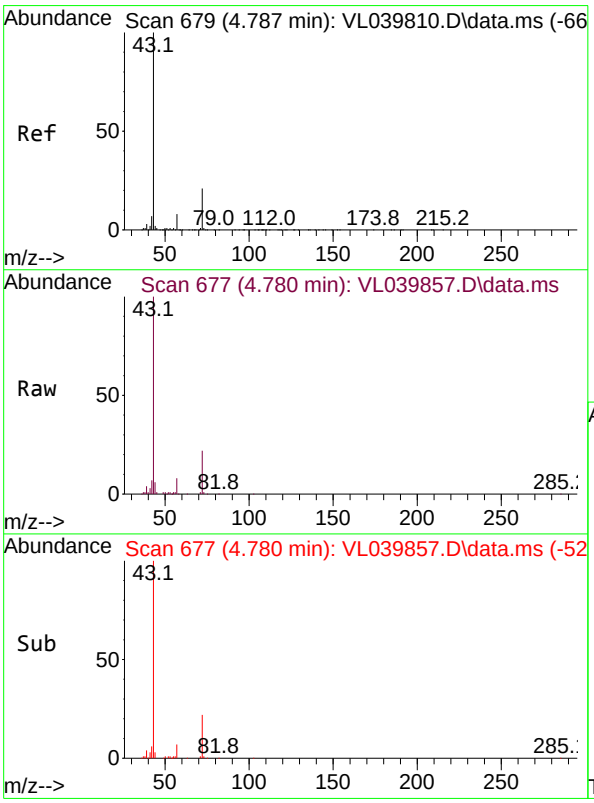
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.632 min Scan# 1
Delta R.T. -0.013 min
Lab File: VL039857.D
Acq: 9 Nov 2022 20:50

Instrument :
MSVOA_L
ClientSampleId :
10605-BASEMENT-NEAR-SINKDL

Tgt Ion:114 Resp: 2332219

Ion	Ratio	Lower	Upper
114	100		
63	26.8	19.8	29.6
88	18.8	14.4	21.6

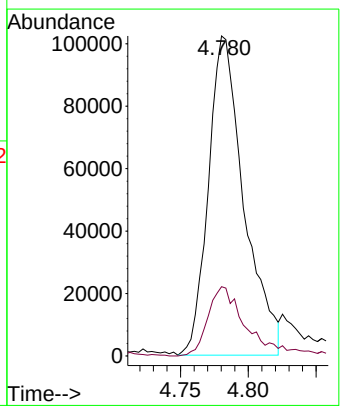


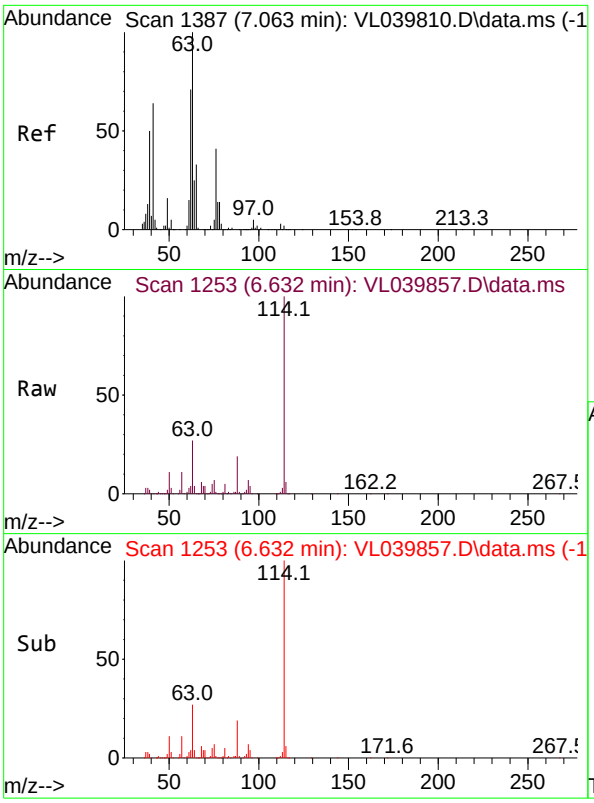


#34
2-Butanone
Concen: 1.940 ppbv
RT: 4.780 min Scan# 677
Delta R.T. -0.006 min
Lab File: VL039857.D
Acq: 9 Nov 2022 20:50

Tgt Ion: 43 Resp: 186701

Ion	Ratio	Lower	Upper
43	100		
72	25.2	17.5	26.3



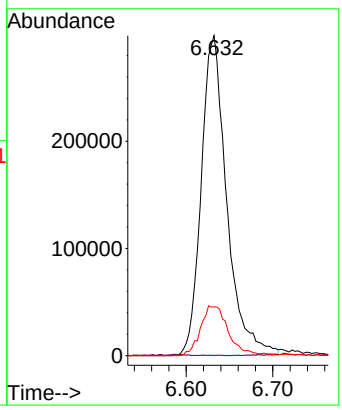


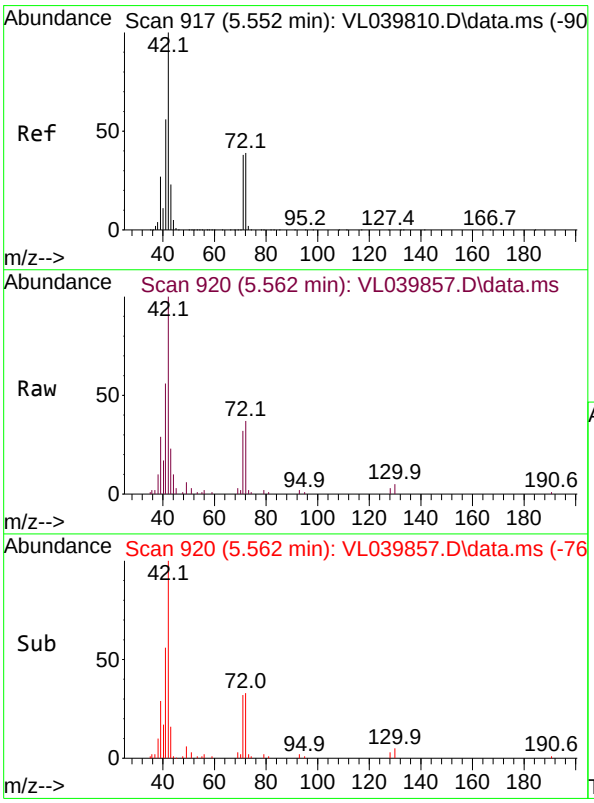
#39
1,2-Dichloropropane
Concen: 7.968 ppbv
RT: 6.632 min Scan# 1
Delta R.T. -0.431 min
Lab File: VL039857.D
Acq: 9 Nov 2022 20:50

Instrument :
MSVOA_L
ClientSampleId :
10605-BASEMENT-NEAR-SINKDL

Tgt Ion: 63 Resp: 610725

Ion	Ratio	Lower	Upper
63	100		
41	0.0	51.0	76.4#
62	15.3	56.6	85.0#

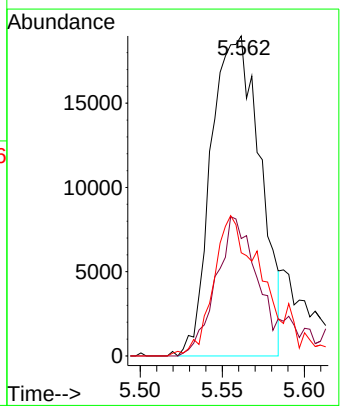


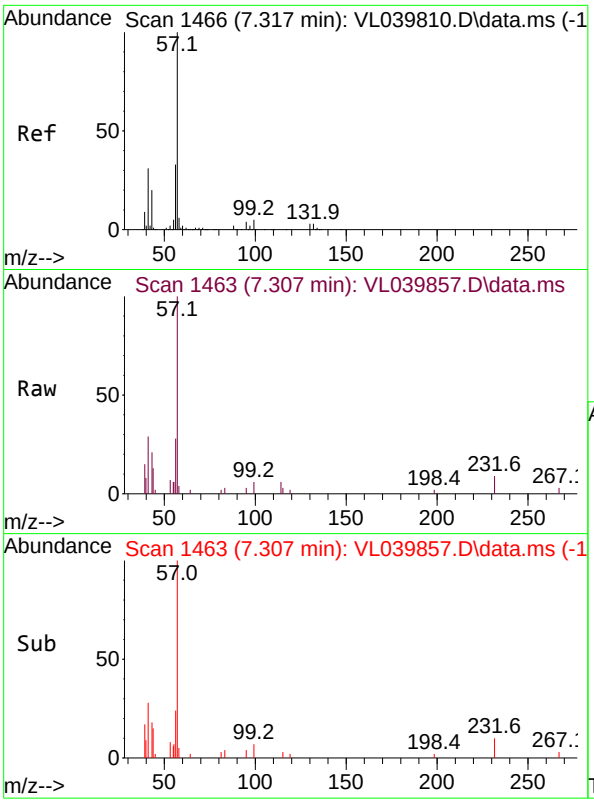


#41
Tetrahydrofuran
Concen: 0.488 ppbv
RT: 5.562 min Scan# 920
Delta R.T. 0.010 min
Lab File: VL039857.D
Acq: 9 Nov 2022 20:50

Tgt Ion: 42 Resp: 39251

Ion	Ratio	Lower	Upper
42	100		
72	44.5	31.4	47.2
71	46.4	31.5	47.3



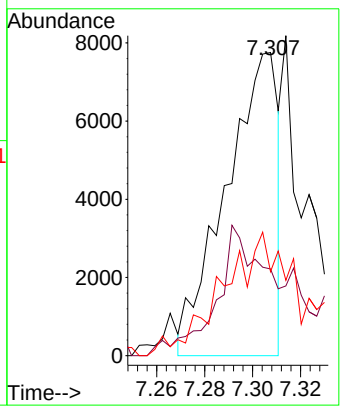


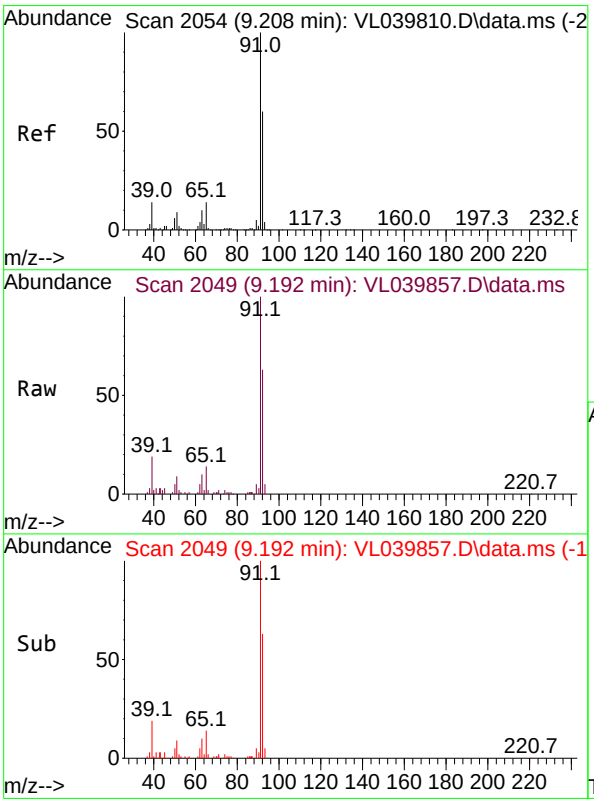
#44
2,2,4-Trimethylpentane
Concen: 0.035 ppbv
RT: 7.307 min Scan# 14
Delta R.T. -0.010 min
Lab File: VL039857.D
Acq: 9 Nov 2022 20:50

Instrument :
MSVOA_L
ClientSampleId :
10605-BASEMENT-NEAR-SINKDL

Tgt Ion: 57 Resp: 11674

Ion	Ratio	Lower	Upper
57	100		
41	51.1	24.6	36.8#
56	52.7	25.4	38.0#

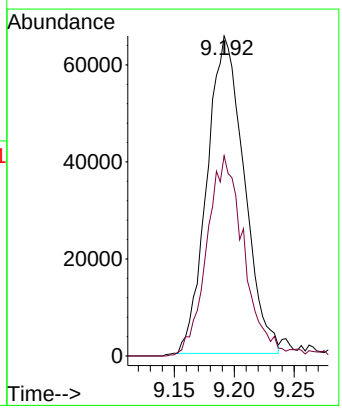


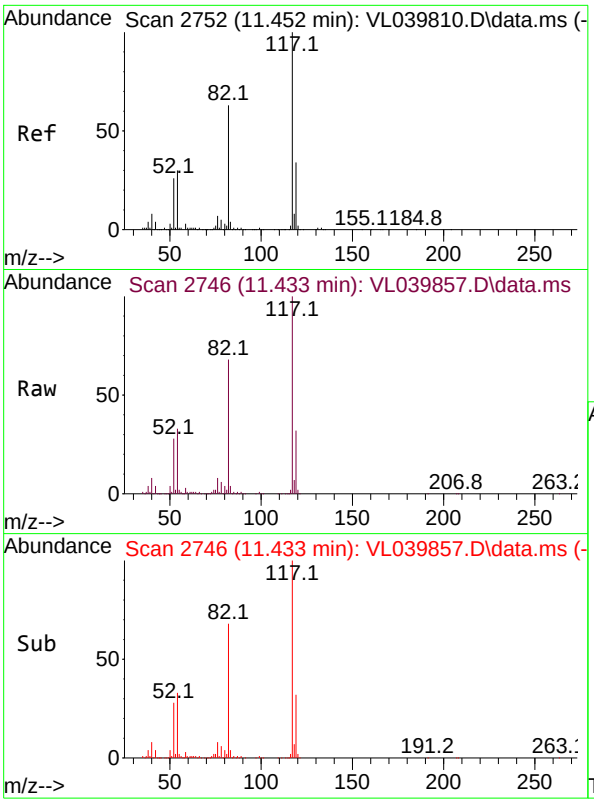


#53
Toluene
Concen: 0.624 ppbv
RT: 9.192 min Scan# 2049
Delta R.T. -0.016 min
Lab File: VL039857.D
Acq: 9 Nov 2022 20:50

Tgt Ion: 91 Resp: 140864

Ion	Ratio	Lower	Upper
91	100		
92	64.4	49.6	74.4



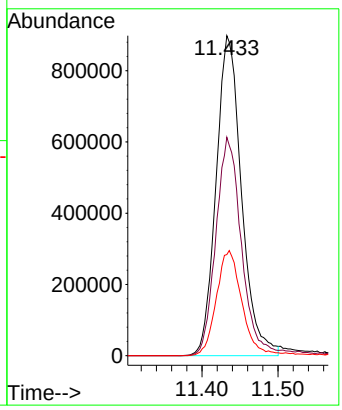


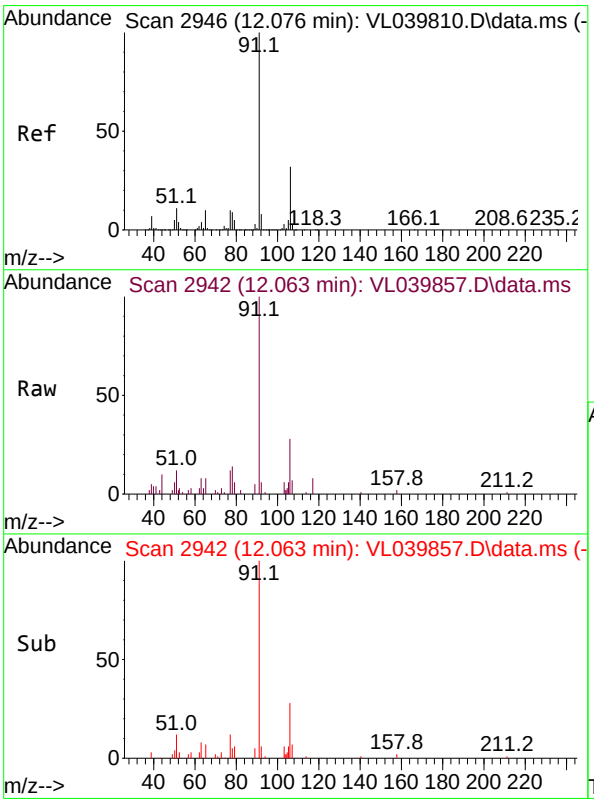
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.433 min Scan# 2
Delta R.T. -0.019 min
Lab File: VL039857.D
Acq: 9 Nov 2022 20:50

Instrument :
MSVOA_L
ClientSampleId :
10605-BASEMENT-NEAR-SINKDL

Tgt Ion:117 Resp: 2086812

Ion	Ratio	Lower	Upper
117	100		
82	69.6	51.0	76.6
119	33.7	24.7	37.1

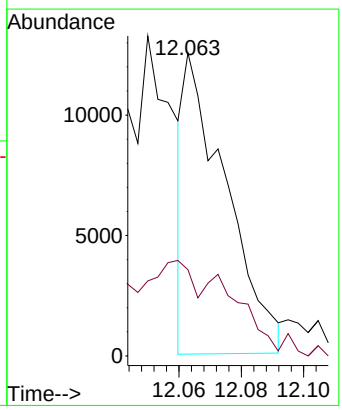


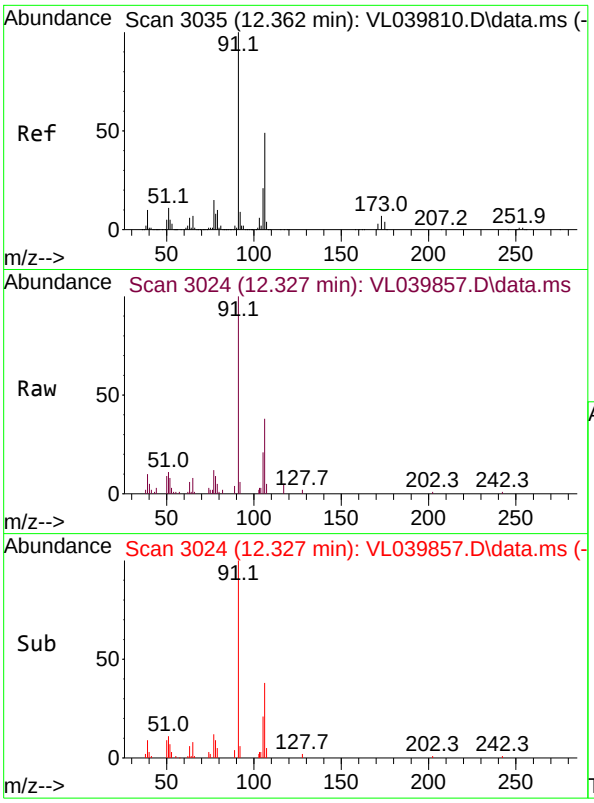


#58
Ethyl Benzene
Concen: 0.041 ppbv
RT: 12.063 min Scan# 2942
Delta R.T. -0.013 min
Lab File: VL039857.D
Acq: 9 Nov 2022 20:50

Tgt Ion: 91 Resp: 11698

Ion	Ratio	Lower	Upper
91	100		
106	30.1	25.9	38.9



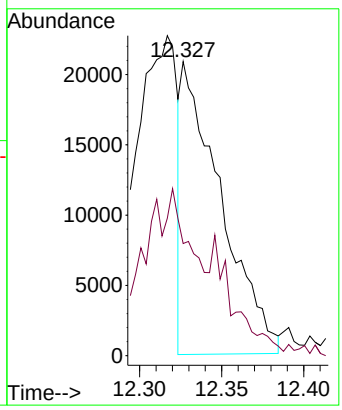


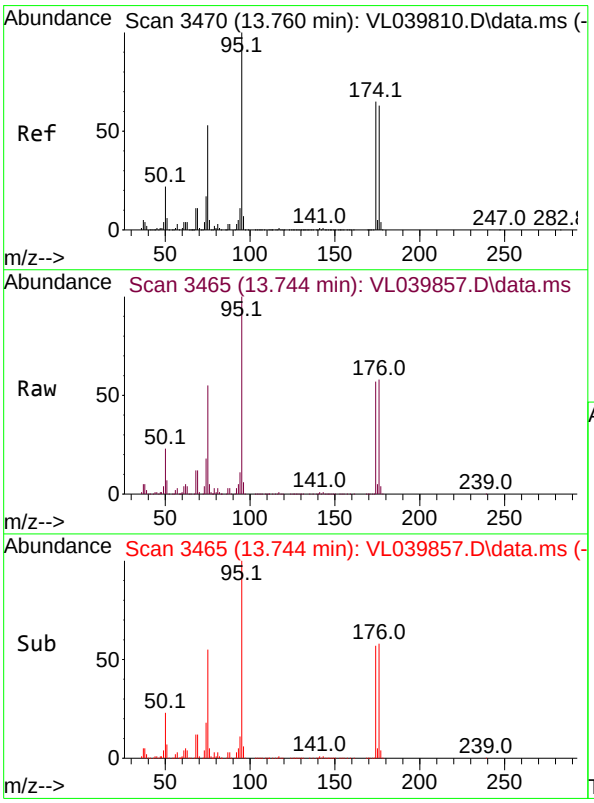
#59
m/p-Xylene
Concen: 0.147 ppbv
RT: 12.327 min Scan# 3
Delta R.T. -0.035 min
Lab File: VL039857.D
Acq: 9 Nov 2022 20:50

Instrument :
MSVOA_L
ClientSampleId :
10605-BASEMENT-NEAR-SINKDL

Tgt Ion: 91 Resp: 34715

Ion	Ratio	Lower	Upper
91	100		
106	0.0	37.6	56.4#





#68
1-Bromo-4-Fluorobenzene
Concen: 10.835 ppbv
RT: 13.744 min Scan# 3465
Delta R.T. -0.016 min
Lab File: VL039857.D
Acq: 9 Nov 2022 20:50

Tgt Ion: 95 Resp: 1692361

Ion	Ratio	Lower	Upper
95	100		
174	63.3	53.4	80.0
175	4.4	4.1	6.1