Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031425\
Data File : VL042145.D
Acq On : 14 Mar 2025 11:11
Operator : SY/MD
Sample : QC031325 CAN 10266
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC031325 CAN 10266

Quant Time: Mar 14 23:18:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL022525AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Wed Feb 26 01:08:36 2025
Response via : Initial Calibration

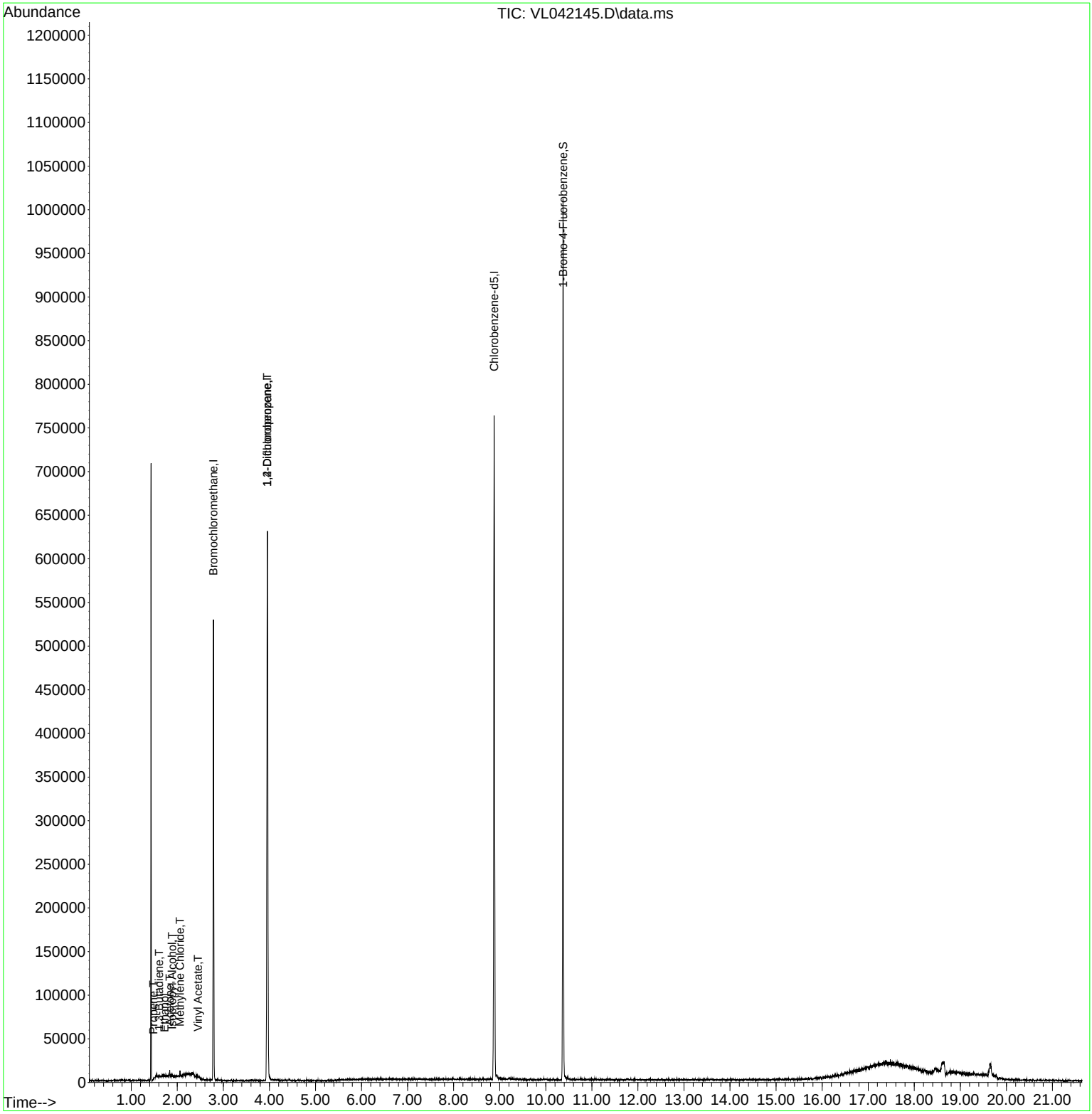
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	2.784	49	156307	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	3.955	114	350286	10.000	ppbv	-0.02
55) Chlorobenzene-d5	8.878	117	303615	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.374	95	230207	9.855	ppbv	-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.600%			
Target Compounds						Qvalue
9) Propene	1.483	41	352	0.038	ppbv	88
13) Ethanol	1.725	45	342	0.582	ppbv #	33
15) Acetone	1.835	43	2556	0.185	ppbv	100
16) 1,3-Butadiene	1.606	39	249	0.039	ppbv	98
19) Isopropyl Alcohol	1.887	45	503	0.063	ppbv #	32
20) Methylene Chloride	2.059	84	1064	0.204	ppbv #	76
23) Vinyl Acetate	2.447	43	395	0.041	ppbv #	1
39) 1,2-Dichloropropane	3.955	63	89406	6.424	ppbv #	24

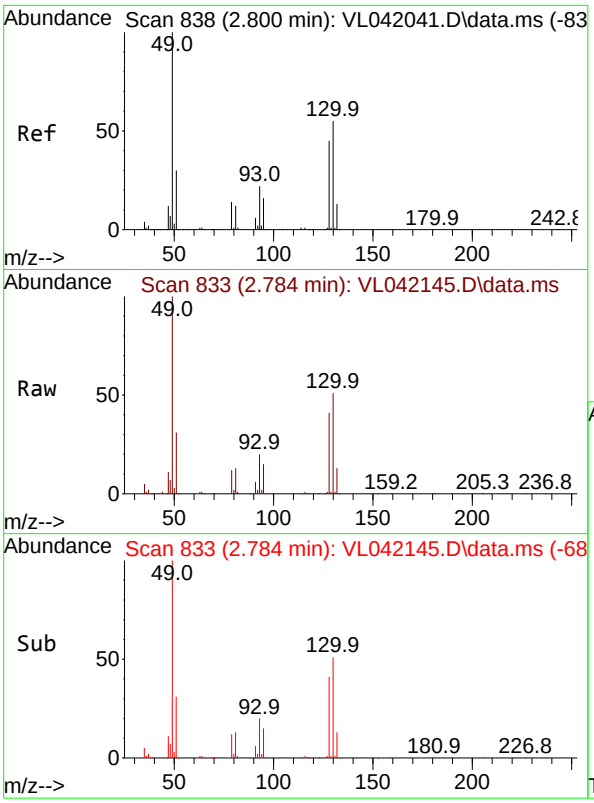
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031425\
Data File : VL042145.D
Acq On : 14 Mar 2025 11:11
Operator : SY/MD
Sample : QC031325 CAN 10266
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC031325 CAN 10266

Quant Time: Mar 14 23:18:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL022525AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Wed Feb 26 01:08:36 2025
Response via : Initial Calibration



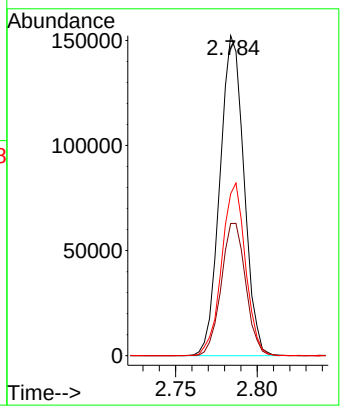


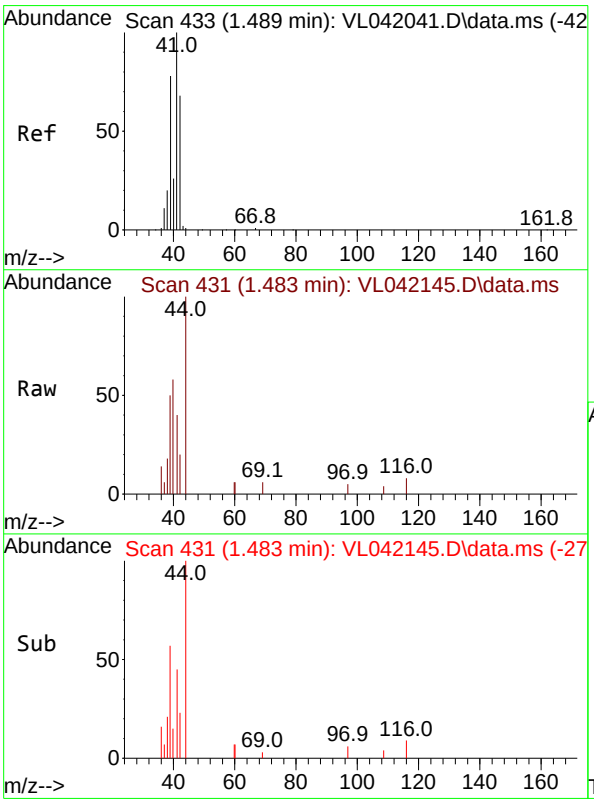
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.784 min Scan# 8
Delta R.T. -0.016 min
Lab File: VL042145.D
Acq: 14 Mar 2025 11:11

Instrument :
MSVOA_L
ClientSampleId :
QC031325 CAN 10266

Tgt Ion: 49 Resp: 156307

Ion	Ratio	Lower	Upper
49	100		
128	42.1	21.6	64.8
130	53.2	27.8	83.4

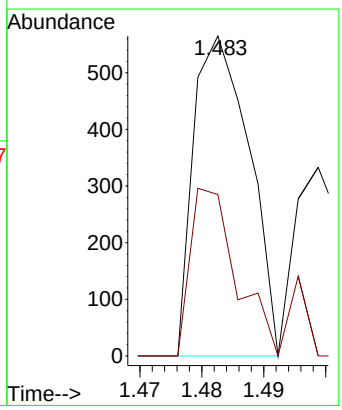


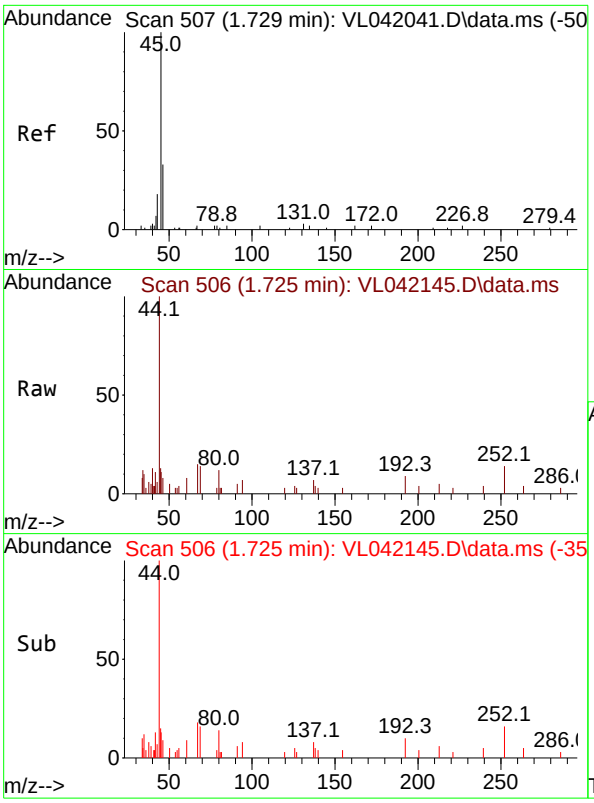


#9
Propene
Concen: 0.038 ppbv
RT: 1.483 min Scan# 431
Delta R.T. -0.007 min
Lab File: VL042145.D
Acq: 14 Mar 2025 11:11

Tgt Ion: 41 Resp: 352

Ion	Ratio	Lower	Upper
41	100		
42	59.7	55.8	83.6



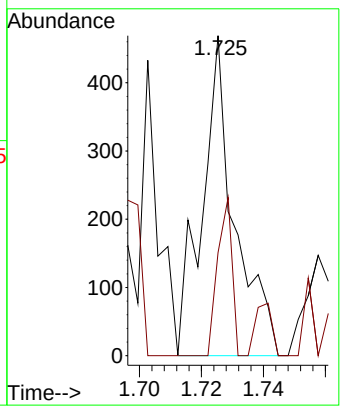


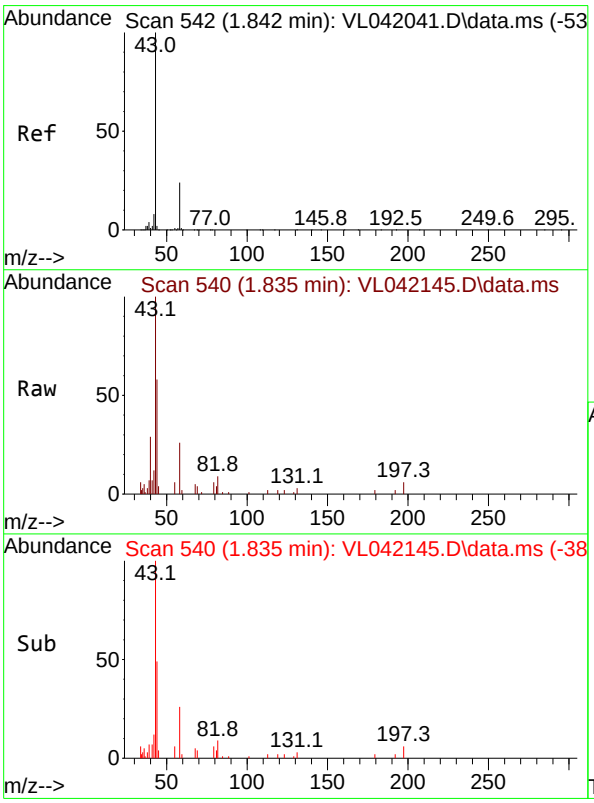
#13
Ethanol
Concen: 0.582 ppbv
RT: 1.725 min Scan# 5(
Delta R.T. -0.003 min
Lab File: VL042145.D
Acq: 14 Mar 2025 11:11

Instrument :
MSVOA_L
ClientSampleId :
QC031325 CAN 10266

Tgt Ion: 45 Resp: 342

Ion	Ratio	Lower	Upper
45	100		
46	0.0	17.1	68.3#

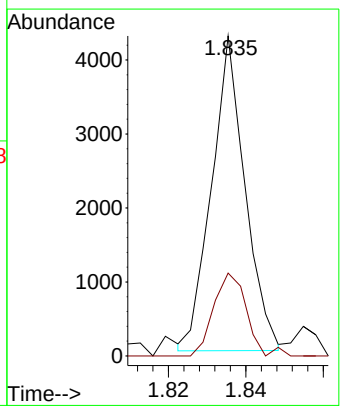


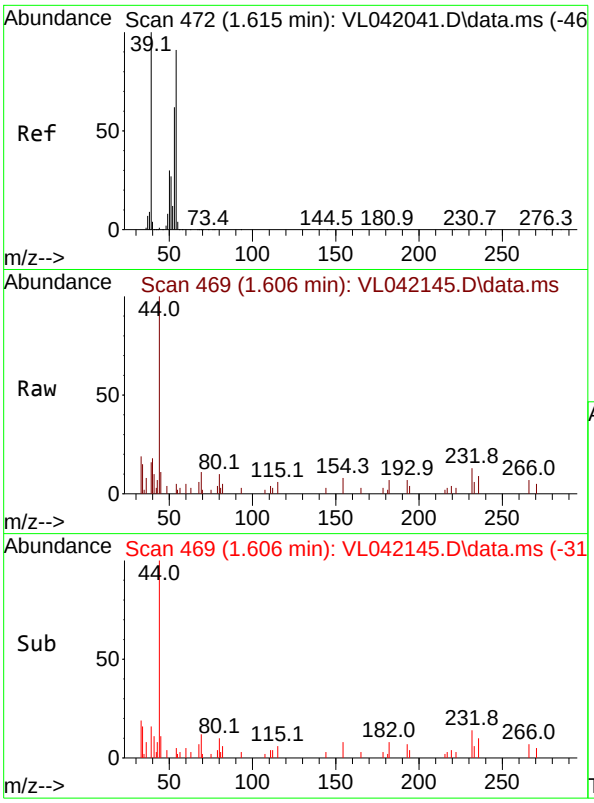


#15
Acetone
Concen: 0.185 ppbv
RT: 1.835 min Scan# 540
Delta R.T. -0.007 min
Lab File: VL042145.D
Acq: 14 Mar 2025 11:11

Tgt Ion: 43 Resp: 2556

Ion	Ratio	Lower	Upper
43	100		
58	25.9	20.7	31.1



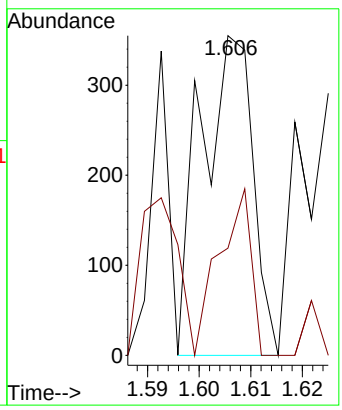


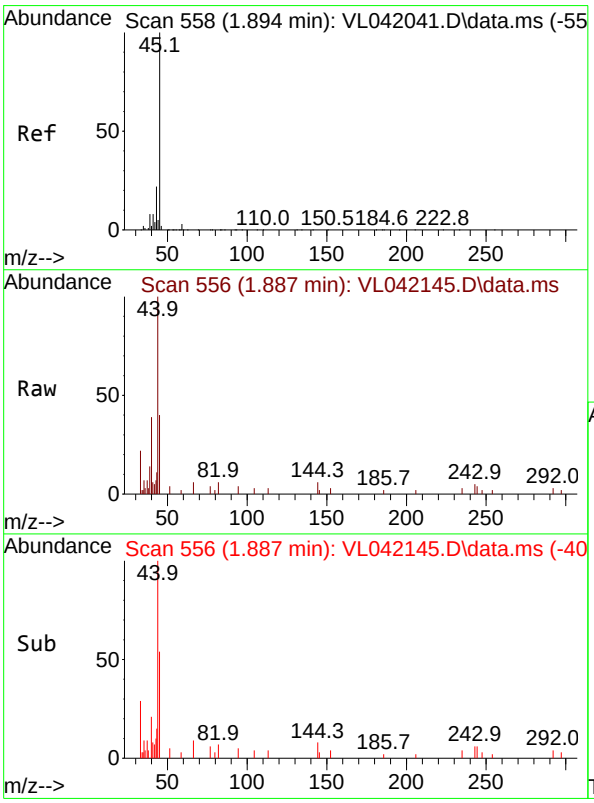
#16
1,3-Butadiene
Concen: 0.039 ppbv
RT: 1.606 min Scan# 4
Delta R.T. -0.010 min
Lab File: VL042145.D
Acq: 14 Mar 2025 11:11

Instrument :
MSVOA_L
ClientSampleId :
QC031325 CAN 10266

Tgt Ion: 39 Resp: 249

Ion	Ratio	Lower	Upper
39	100		
54	72.7	59.6	89.4

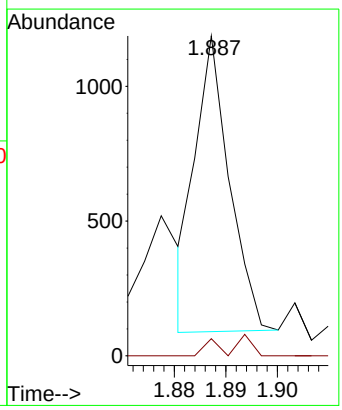


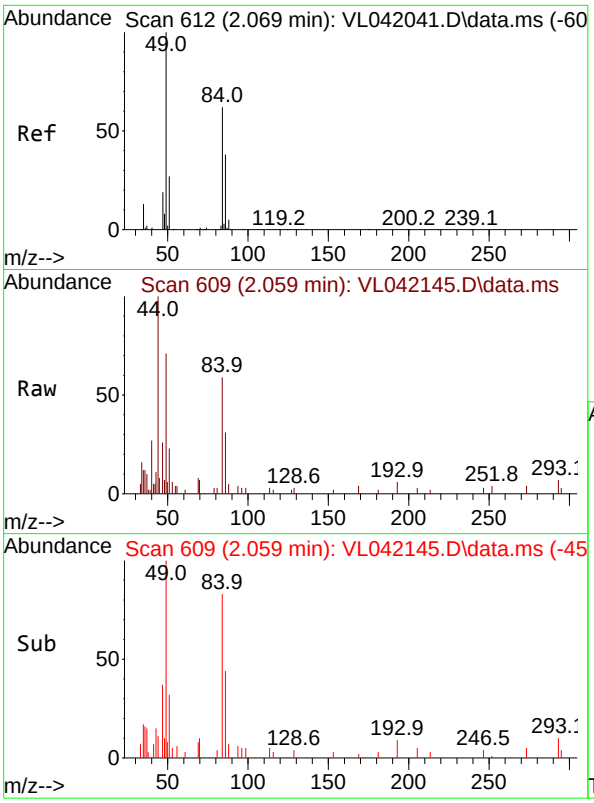


#19
Isopropyl Alcohol
Concen: 0.063 ppbv
RT: 1.887 min Scan# 556
Delta R.T. -0.007 min
Lab File: VL042145.D
Acq: 14 Mar 2025 11:11

Tgt Ion: 45 Resp: 503

Ion	Ratio	Lower	Upper
45	100		
58	0.0	35.3	52.9#



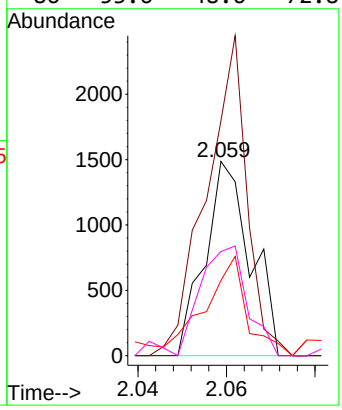


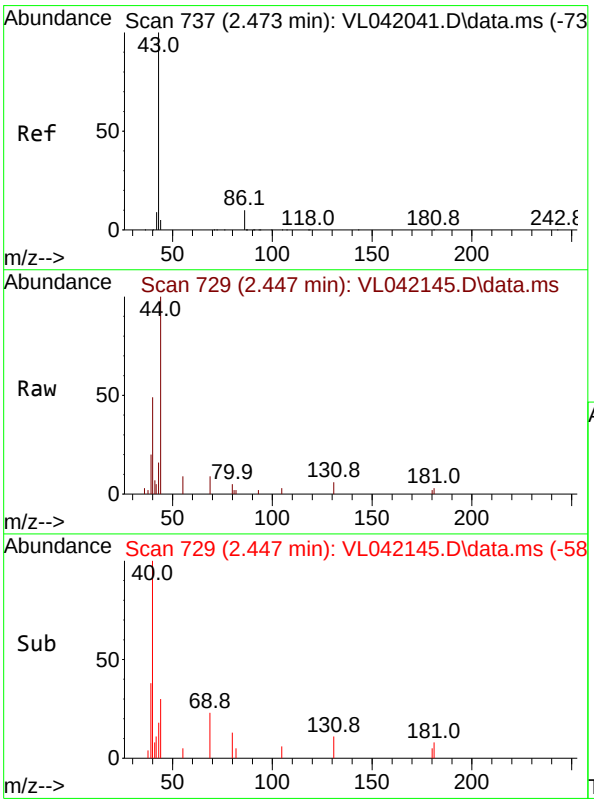
#20
Methylene Chloride
Concen: 0.204 ppbv
RT: 2.059 min Scan# 6
Delta R.T. -0.010 min
Lab File: VL042145.D
Acq: 14 Mar 2025 11:11

Instrument :
MSVOA_L
ClientSampleId :
QC031325 CAN 10266

Tgt Ion: 84 Resp: 1064

Ion	Ratio	Lower	Upper
84	100		
49	122.8	130.0	195.0#
51	32.5	37.4	56.0#
86	53.6	48.6	72.8

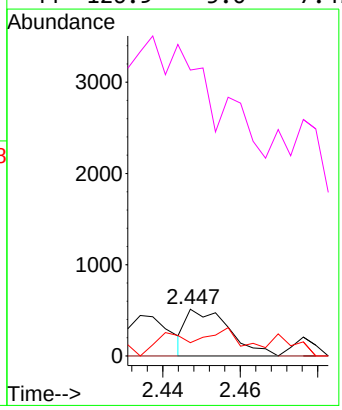


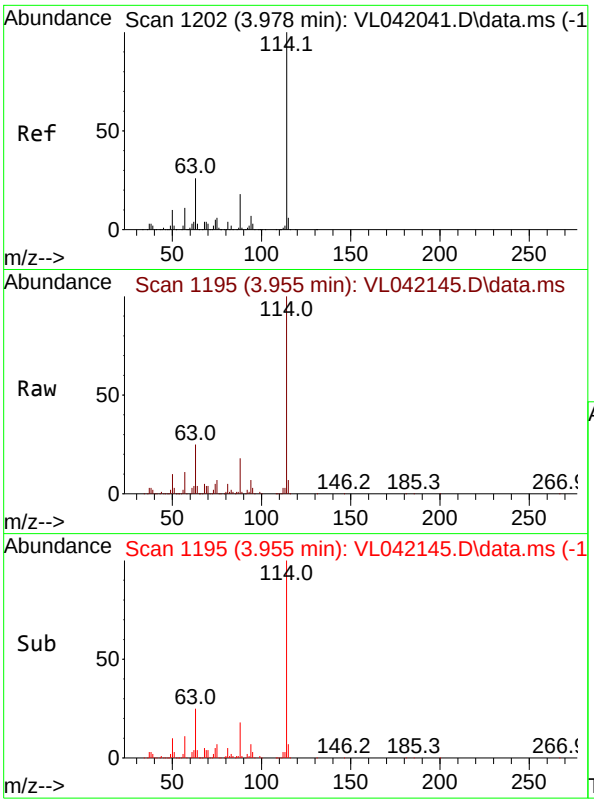


#23
Vinyl Acetate
Concen: 0.041 ppbv
RT: 2.447 min Scan# 729
Delta R.T. -0.026 min
Lab File: VL042145.D
Acq: 14 Mar 2025 11:11

Tgt Ion: 43 Resp: 395

Ion	Ratio	Lower	Upper
43	100		
86	0.0	7.0	10.4#
42	0.0	7.6	11.4#
44	126.9	5.0	7.4#



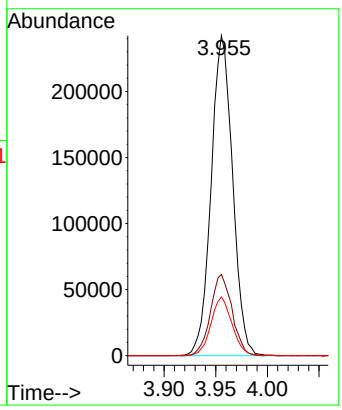


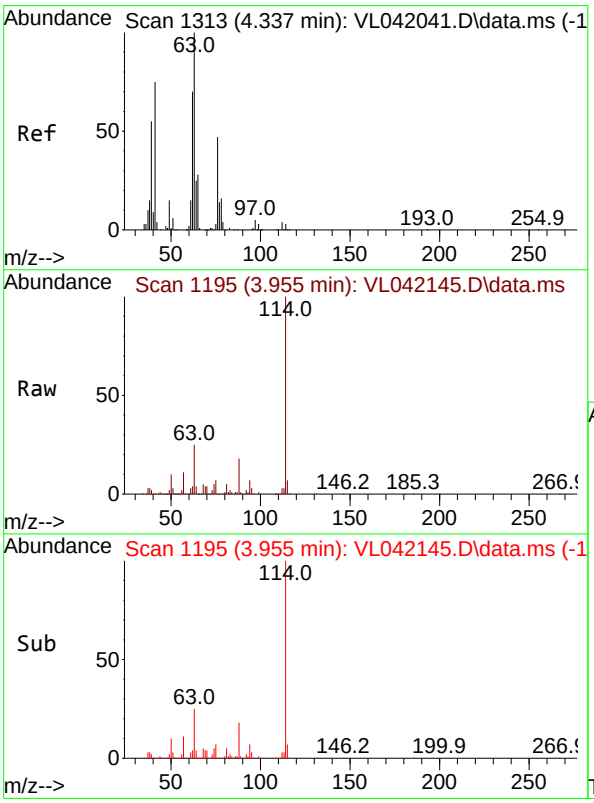
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.955 min Scan# 11
Delta R.T. -0.023 min
Lab File: VL042145.D
Acq: 14 Mar 2025 11:11

Instrument :
MSVOA_L
ClientSampleId :
QC031325 CAN 10266

Tgt Ion:114 Resp: 350286

Ion	Ratio	Lower	Upper
114	100		
63	25.6	20.1	30.1
88	18.0	14.3	21.5

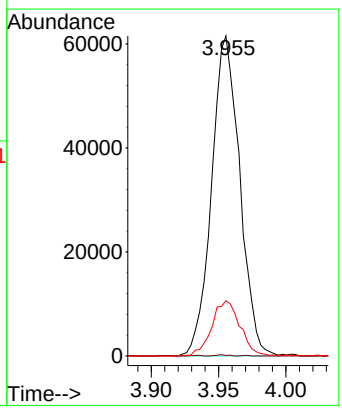


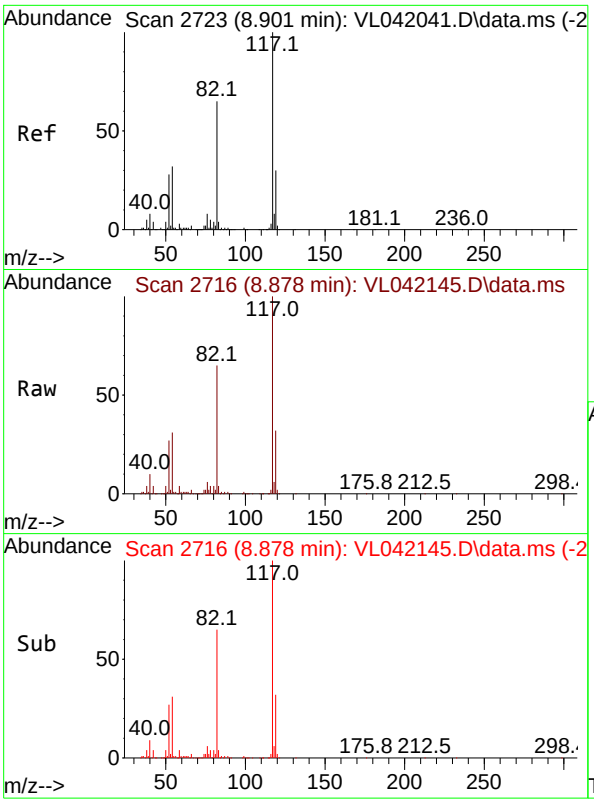


#39
1,2-Dichloropropane
Concen: 6.424 ppbv
RT: 3.955 min Scan# 1195
Delta R.T. -0.382 min
Lab File: VL042145.D
Acq: 14 Mar 2025 11:11

Tgt Ion: 63 Resp: 89406

Ion	Ratio	Lower	Upper
63	100		
41	0.1	60.1	90.1#
62	17.2	55.8	83.8#



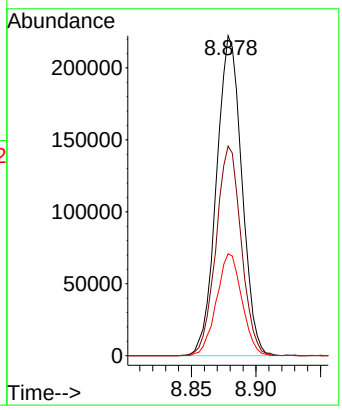


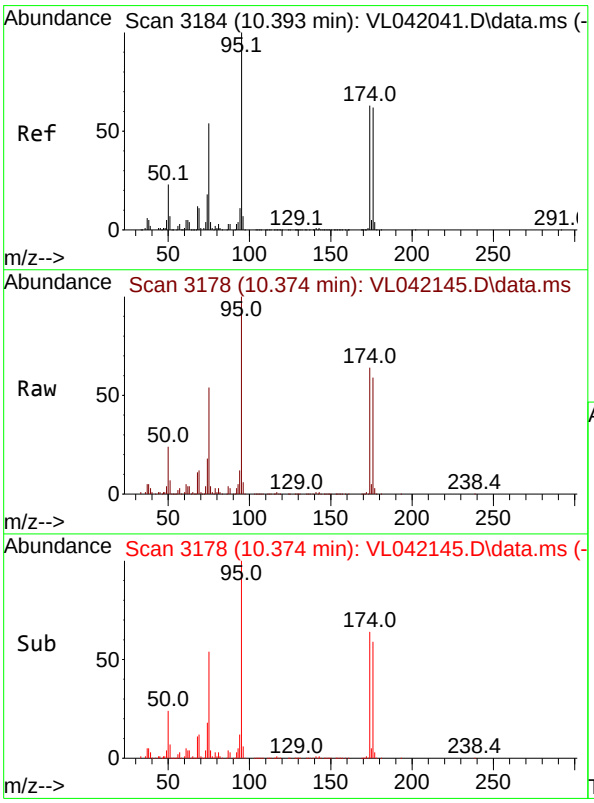
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.878 min Scan# 2
Delta R.T. -0.023 min
Lab File: VL042145.D
Acq: 14 Mar 2025 11:11

Instrument :
MSVOA_L
ClientSampleId :
QC031325 CAN 10266

Tgt Ion:117 Resp: 303615

Ion	Ratio	Lower	Upper
117	100		
82	65.1	55.0	82.6
119	32.0	25.9	38.9





#68
1-Bromo-4-Fluorobenzene
Concen: 9.855 ppbv
RT: 10.374 min Scan# 3178
Delta R.T. -0.020 min
Lab File: VL042145.D
Acq: 14 Mar 2025 11:11

Tgt Ion: 95 Resp: 230207

Ion	Ratio	Lower	Upper
95	100		
174	65.3	51.8	77.6
175	4.9	3.9	5.9