Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100625\
Data File : VL043049.D
Acq On : 06 Oct 2025 11:56
Operator : SY/MD
Sample : CAN 10296
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
CAN 10296

Quant Time: Oct 07 01:34:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL100225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Fri Oct 03 08:23:34 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	2.780	49	168373	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.949	114	462896	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.875	117	377616	10.000	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.370	95	259062	9.523	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 95.200%			
Target Compounds						Qvalue
13) Ethanol	1.428	45	15029	36.199	ppbv	89
15) Acetone	1.835	43	2659	0.113	ppbv #	55
20) Methylene Chloride	2.059	84	2914	0.283	ppbv #	77
30) Cyclohexane	3.942	84	2488	0.133	ppbv #	1
34) 2-Butanone	2.560	43	1075	0.034	ppbv	91
39) 1,2-Dichloropropane	3.949	63	116390	7.100	ppbv #	22
79) Naphthalene	13.513	128	98	0.236	ppbv #	69
80) Naphthalene,2-methyl-	14.458	142	184	0.670	ppbv #	66

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

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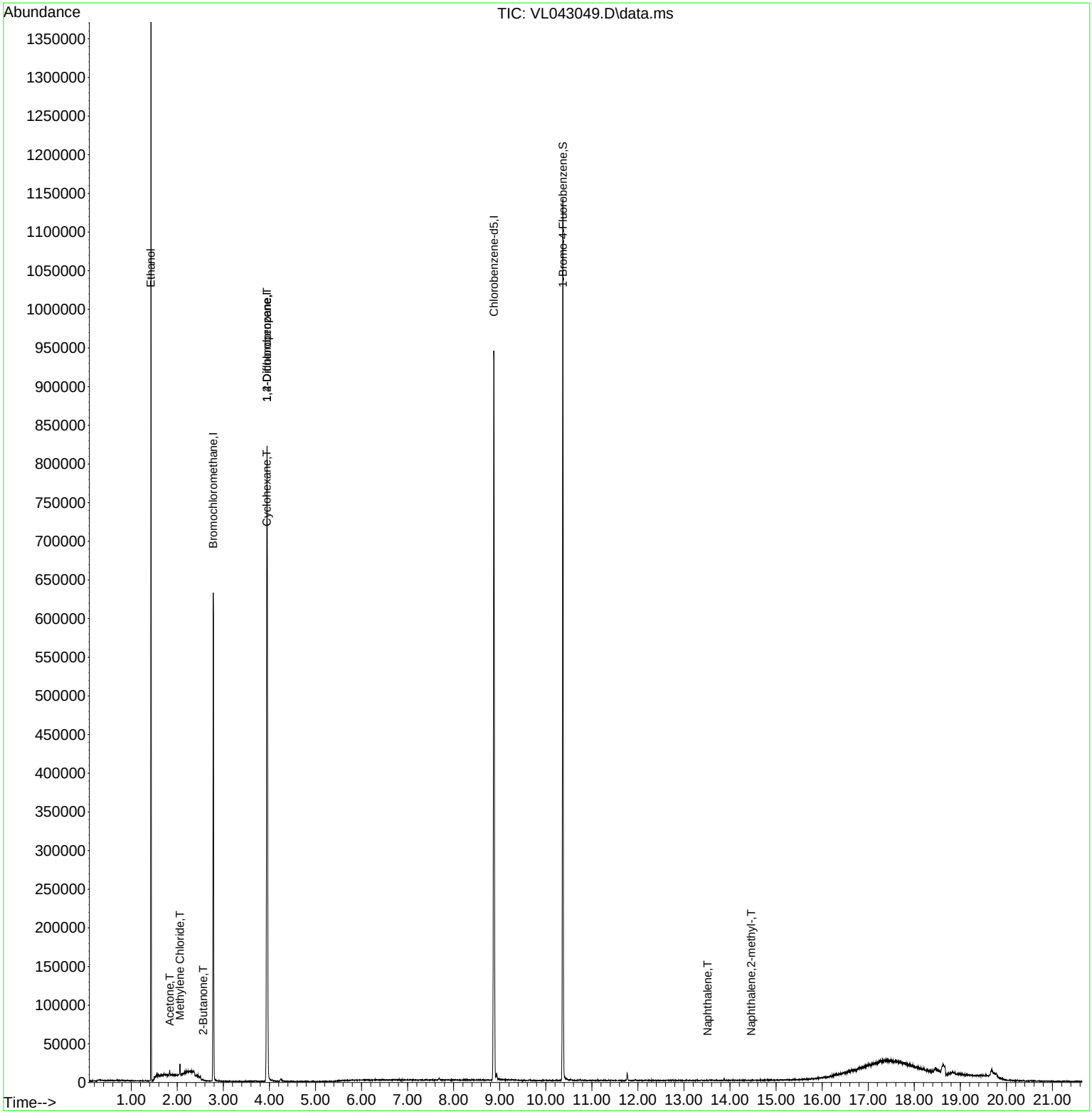
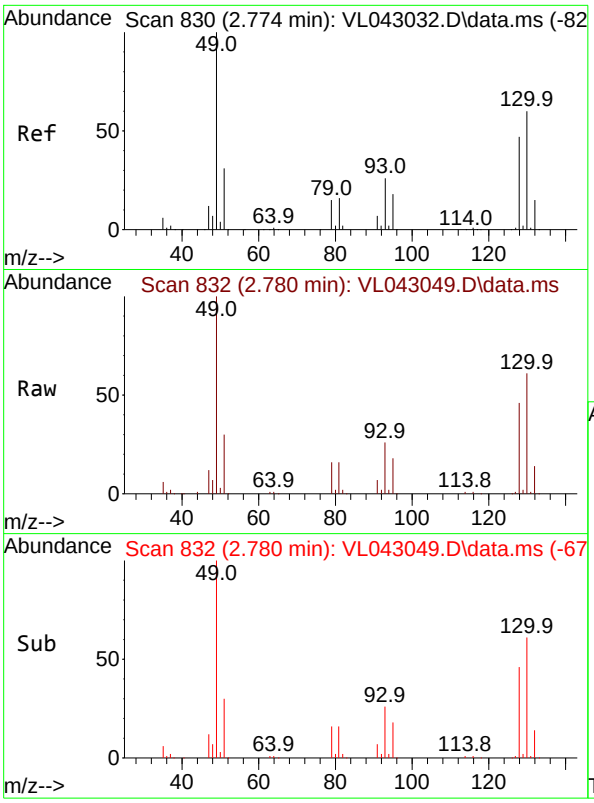


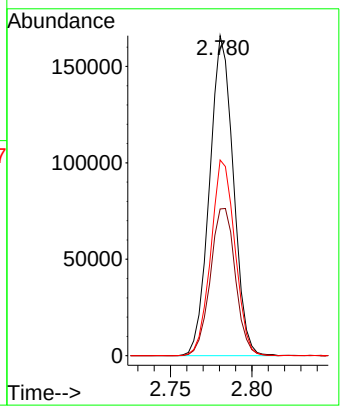


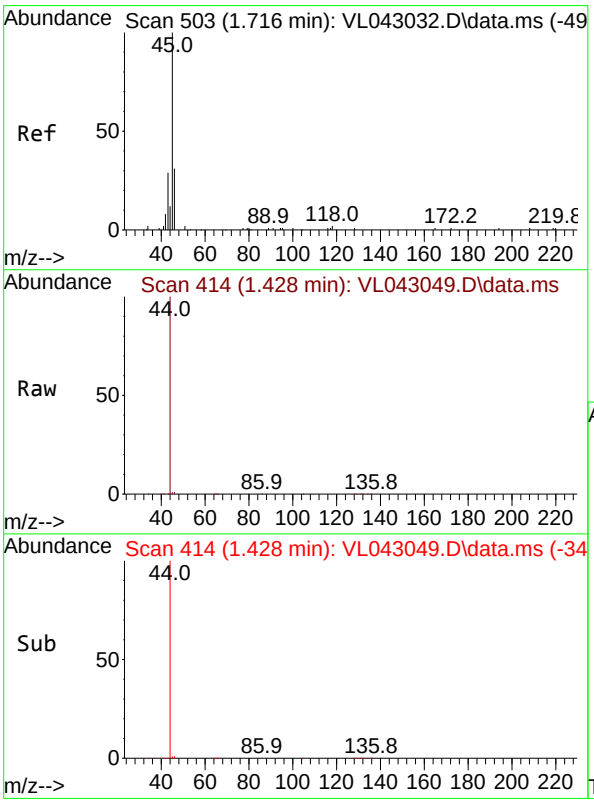
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.780 min Scan# 8
Delta R.T. 0.006 min
Lab File: VL043049.D
Acq: 06 Oct 2025 11:56

Instrument :
MSVOA_L
ClientSampleId :
CAN 10296

Tgt Ion: 49 Resp: 168373

Ion	Ratio	Lower	Upper
49	100		
128	48.4	24.1	72.2
130	62.1	31.4	94.3

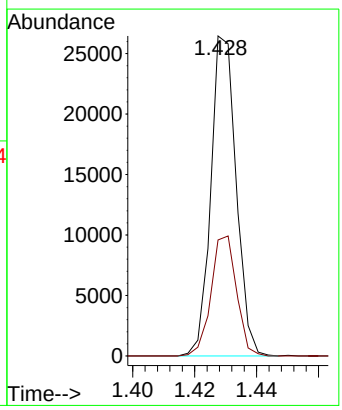


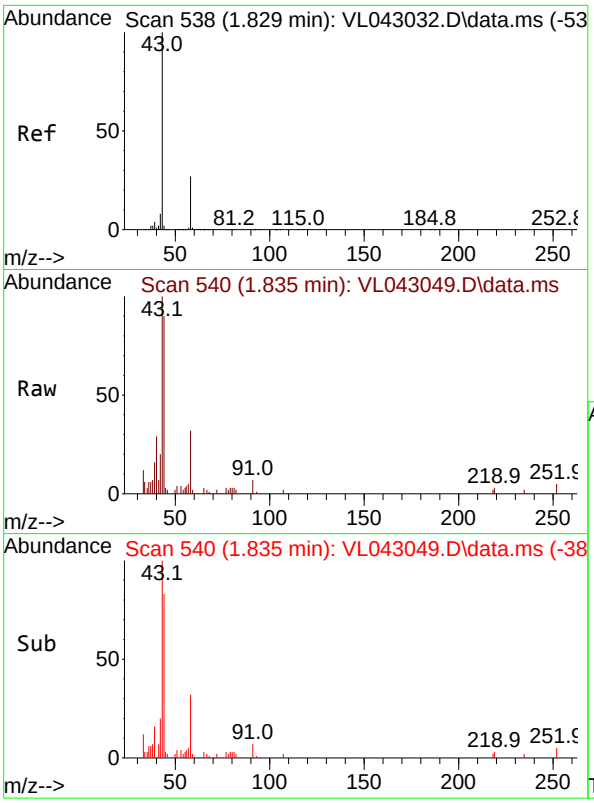


#13
Ethanol
Concen: 36.199 ppbv
RT: 1.428 min Scan# 414
Delta R.T. -0.288 min
Lab File: VL043049.D
Acq: 06 Oct 2025 11:56

Tgt Ion: 45 Resp: 15029

Ion	Ratio	Lower	Upper
45	100		
46	37.7	17.8	71.4



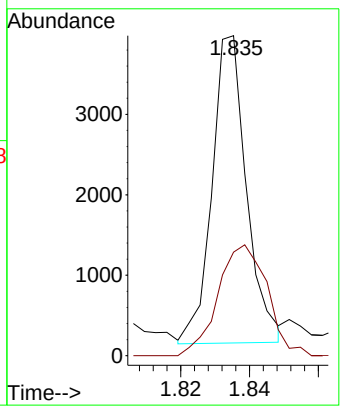


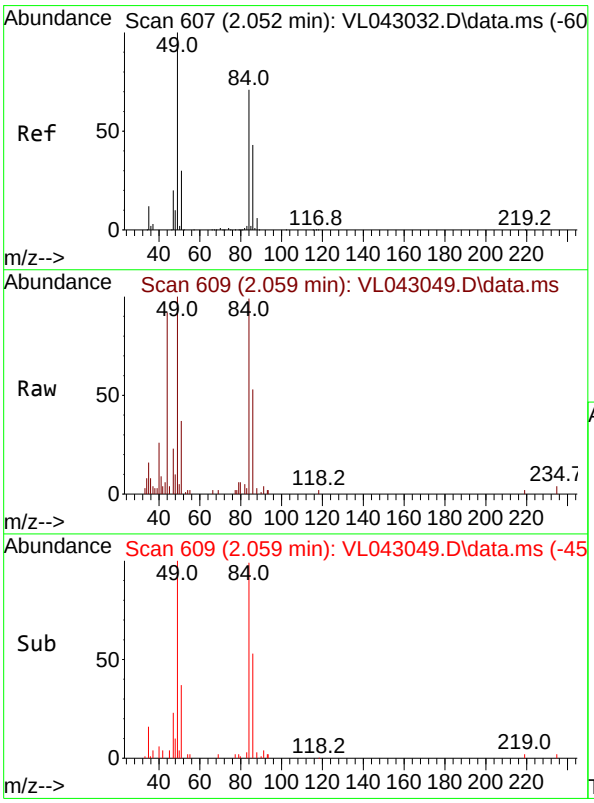
#15
Acetone
Concen: 0.113 ppbv
RT: 1.835 min Scan# 54
Delta R.T. 0.006 min
Lab File: VL043049.D
Acq: 06 Oct 2025 11:56

Instrument :
MSVOA_L
ClientSampleId :
CAN 10296

Tgt Ion: 43 Resp: 2659

Ion	Ratio	Lower	Upper
43	100		
58	51.4	22.2	33.4#

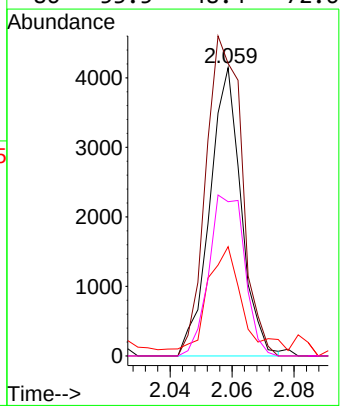


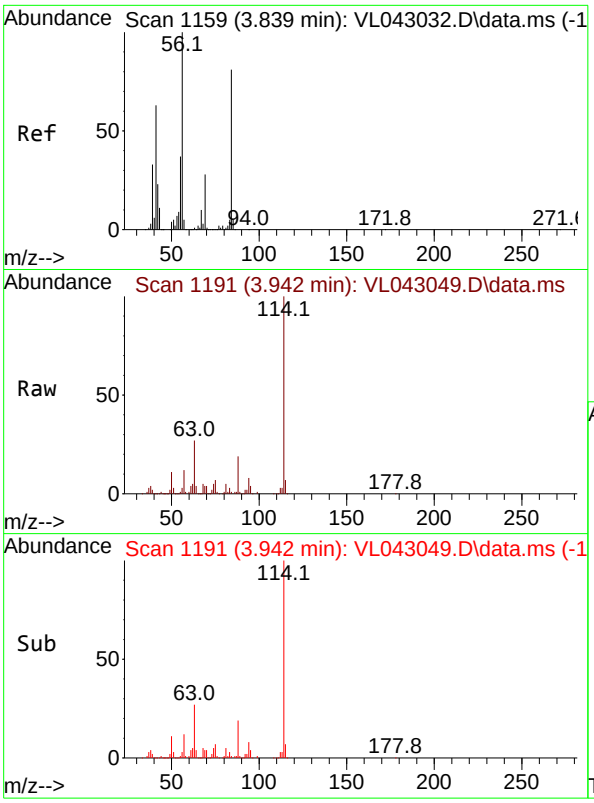


#20
Methylene Chloride
Concen: 0.283 ppbv
RT: 2.059 min Scan# 609
Delta R.T. 0.006 min
Lab File: VL043049.D
Acq: 06 Oct 2025 11:56

Tgt Ion: 84 Resp: 2914

Ion	Ratio	Lower	Upper
84	100		
49	101.4	112.5	168.7#
51	35.4	34.2	51.2
86	53.5	48.4	72.6



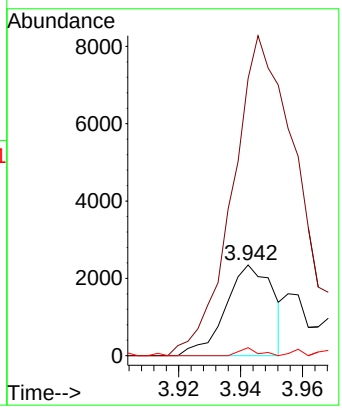


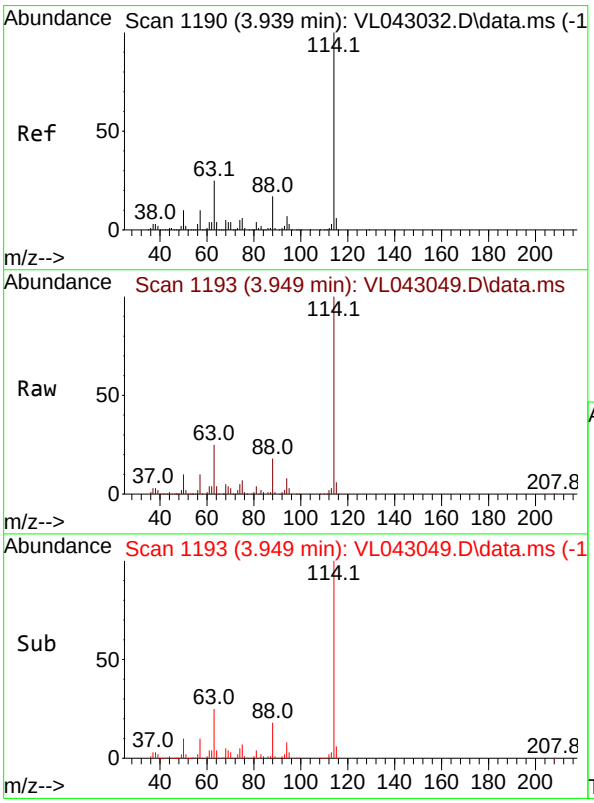
#30
Cyclohexane
Concen: 0.133 ppbv
RT: 3.942 min Scan# 11
Delta R.T. 0.104 min
Lab File: VL043049.D
Acq: 06 Oct 2025 11:56

Instrument :
MSVOA_L
ClientSampleId :
CAN 10296

Tgt Ion: 84 Resp: 2488

Ion	Ratio	Lower	Upper
84	100		
56	493.8	99.9	149.9#
41	8.8	64.2	96.4#

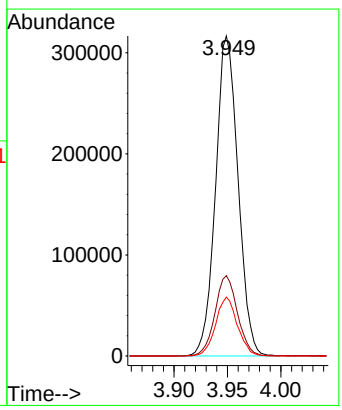


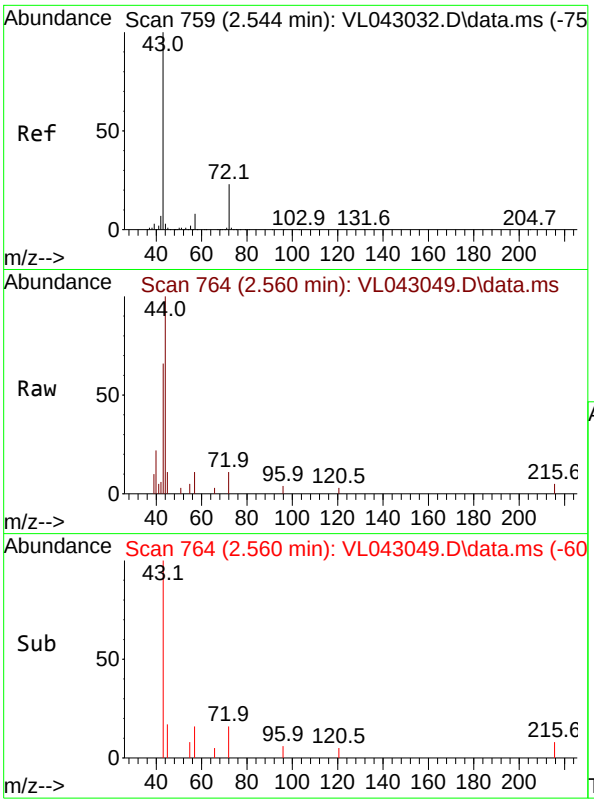


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.949 min Scan# 1193
Delta R.T. 0.010 min
Lab File: VL043049.D
Acq: 06 Oct 2025 11:56

Tgt Ion:114 Resp: 462896

Ion	Ratio	Lower	Upper
114	100		
63	25.2	19.4	29.2
88	17.8	13.9	20.9



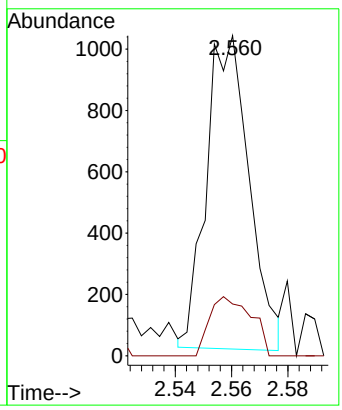


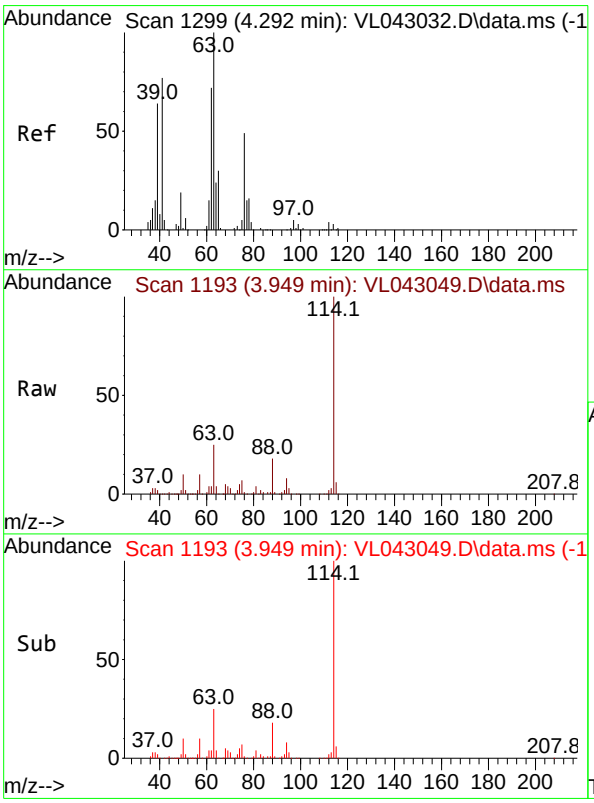
#34
2-Butanone
Concen: 0.034 ppbv
RT: 2.560 min Scan# 7
Delta R.T. 0.016 min
Lab File: VL043049.D
Acq: 06 Oct 2025 11:56

Instrument :
MSVOA_L
ClientSampleId :
CAN 10296

Tgt Ion: 43 Resp: 1075

Ion	Ratio	Lower	Upper
43	100		
72	18.5	18.4	27.6

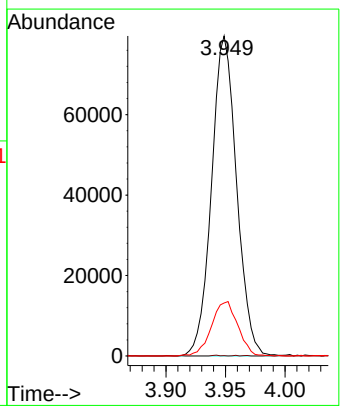


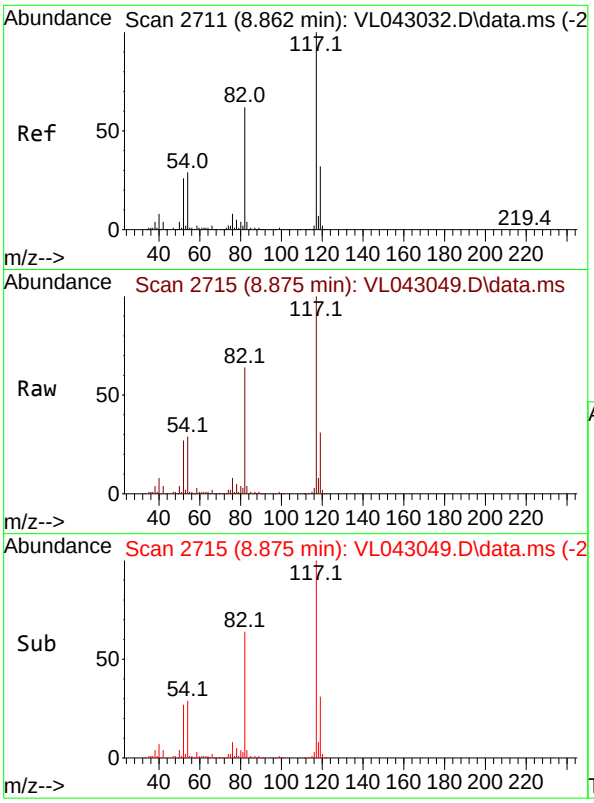


#39
1,2-Dichloropropane
Concen: 7.100 ppbv
RT: 3.949 min Scan# 1193
Delta R.T. -0.343 min
Lab File: VL043049.D
Acq: 06 Oct 2025 11:56

Tgt Ion: 63 Resp: 116390

Ion	Ratio	Lower	Upper
63	100		
41	0.1	61.6	92.4#
62	16.5	58.1	87.1#



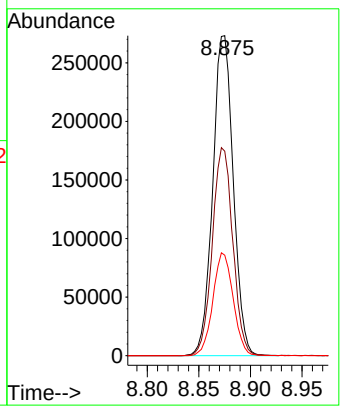


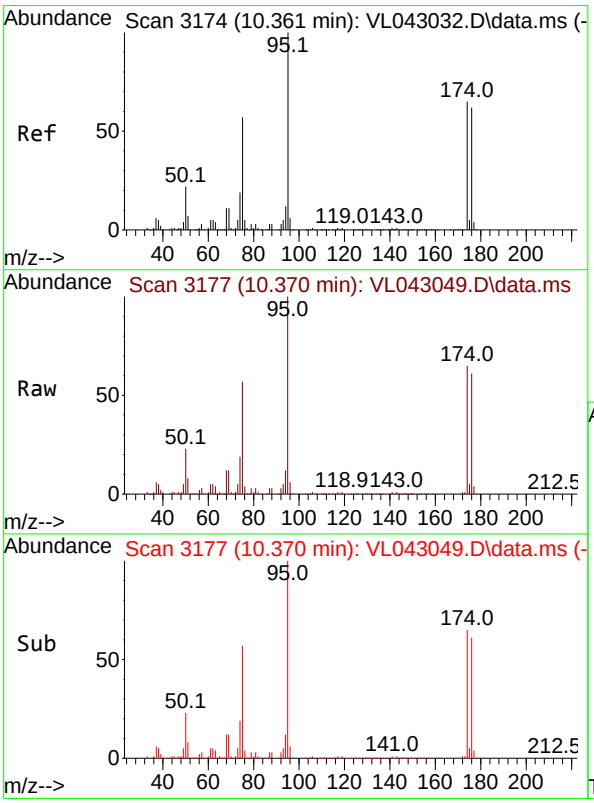
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.875 min Scan# 2
Delta R.T. 0.013 min
Lab File: VL043049.D
Acq: 06 Oct 2025 11:56

Instrument :
MSVOA_L
ClientSampleId :
CAN 10296

Tgt Ion:117 Resp: 377616

Ion	Ratio	Lower	Upper
117	100		
82	64.9	53.0	79.6
119	31.8	25.4	38.2

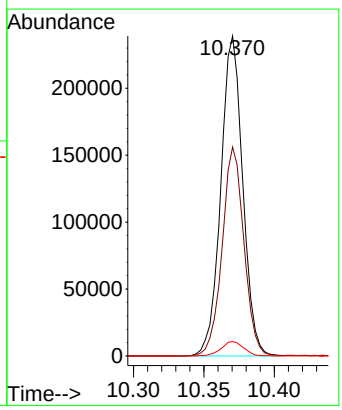


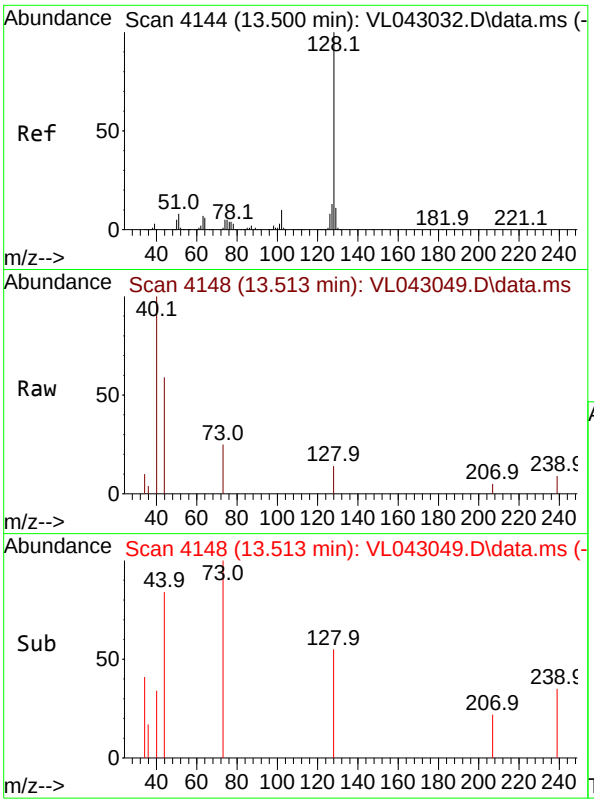


#68
1-Bromo-4-Fluorobenzene
Concen: 9.523 ppbv
RT: 10.370 min Scan# 3177
Delta R.T. 0.010 min
Lab File: VL043049.D
Acq: 06 Oct 2025 11:56

Tgt Ion: 95 Resp: 259062

Ion	Ratio	Lower	Upper
95	100		
174	64.9	52.3	78.5
175	4.7	3.8	5.8



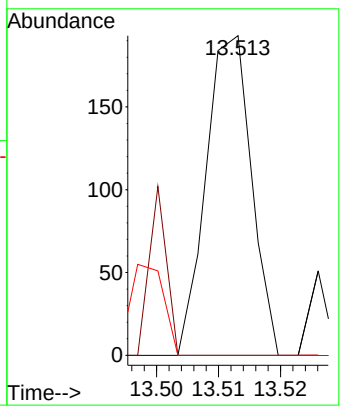


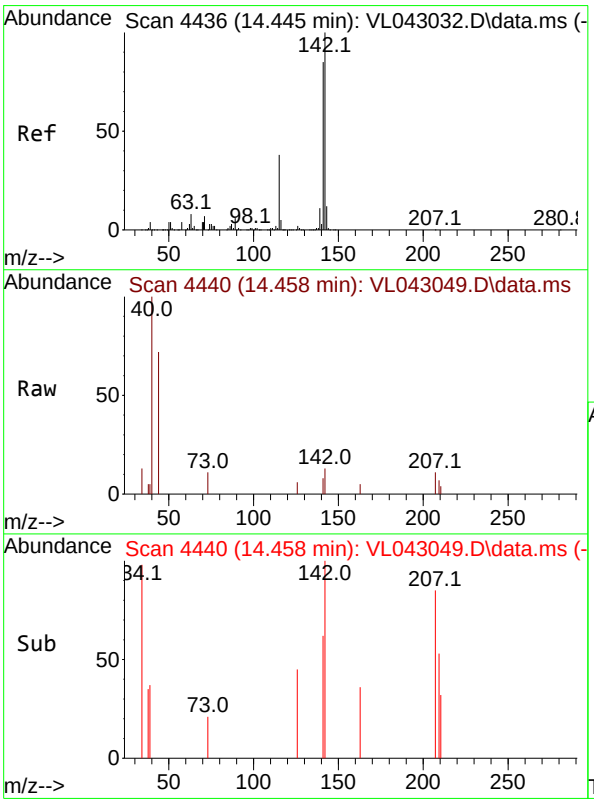
#79
Naphthalene
Concen: 0.236 ppbv
RT: 13.513 min Scan# 4
Delta R.T. 0.013 min
Lab File: VL043049.D
Acq: 06 Oct 2025 11:56

Instrument :
MSVOA_L
ClientSampleId :
CAN 10296

Tgt Ion:128 Resp: 98

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	16.0#
129	0.0	8.8	13.2#





#80
Naphthalene,2-methyl-
Concen: 0.670 ppbv
RT: 14.458 min Scan# 4440
Delta R.T. 0.013 min
Lab File: VL043049.D
Acq: 06 Oct 2025 11:56

Tgt Ion:142 Resp: 184

Ion	Ratio	Lower	Upper
142	100		
141	64.1	66.6	100.0#
115	0.0	30.1	45.1#