Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101625\
Data File : VL043128.D
Acq On : 16 Oct 2025 11:50
Operator : SY/MD
Sample : QC101525 CAN10332
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC101525 CAN10332

Quant Time: Oct 17 01:13:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101425AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Wed Oct 15 02:12:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	2.793	49	92921	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	292448	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	246812	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	198585	10.352	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 103.500%			
Target Compounds						Qvalue
13) Ethanol	1.729	45	200	0.085	ppbv	# 38
15) Acetone	1.839	43	2893	0.231	ppbv	# 74
19) Isopropyl Alcohol	1.890	45	390	0.050	ppbv	# 1
20) Methylene Chloride	2.065	84	1750	0.353	ppbv	# 64
38) Trichloroethene	4.554	130	504	0.044	ppbv	# 49
39) 1,2-Dichloropropane	3.962	63	72858	7.235	ppbv	# 26
52) Tetrachloroethene	8.231	164	331	0.033	ppbv	# 54
66) Benzyl Chloride	11.532	91	179	0.030	ppbv	# 75

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

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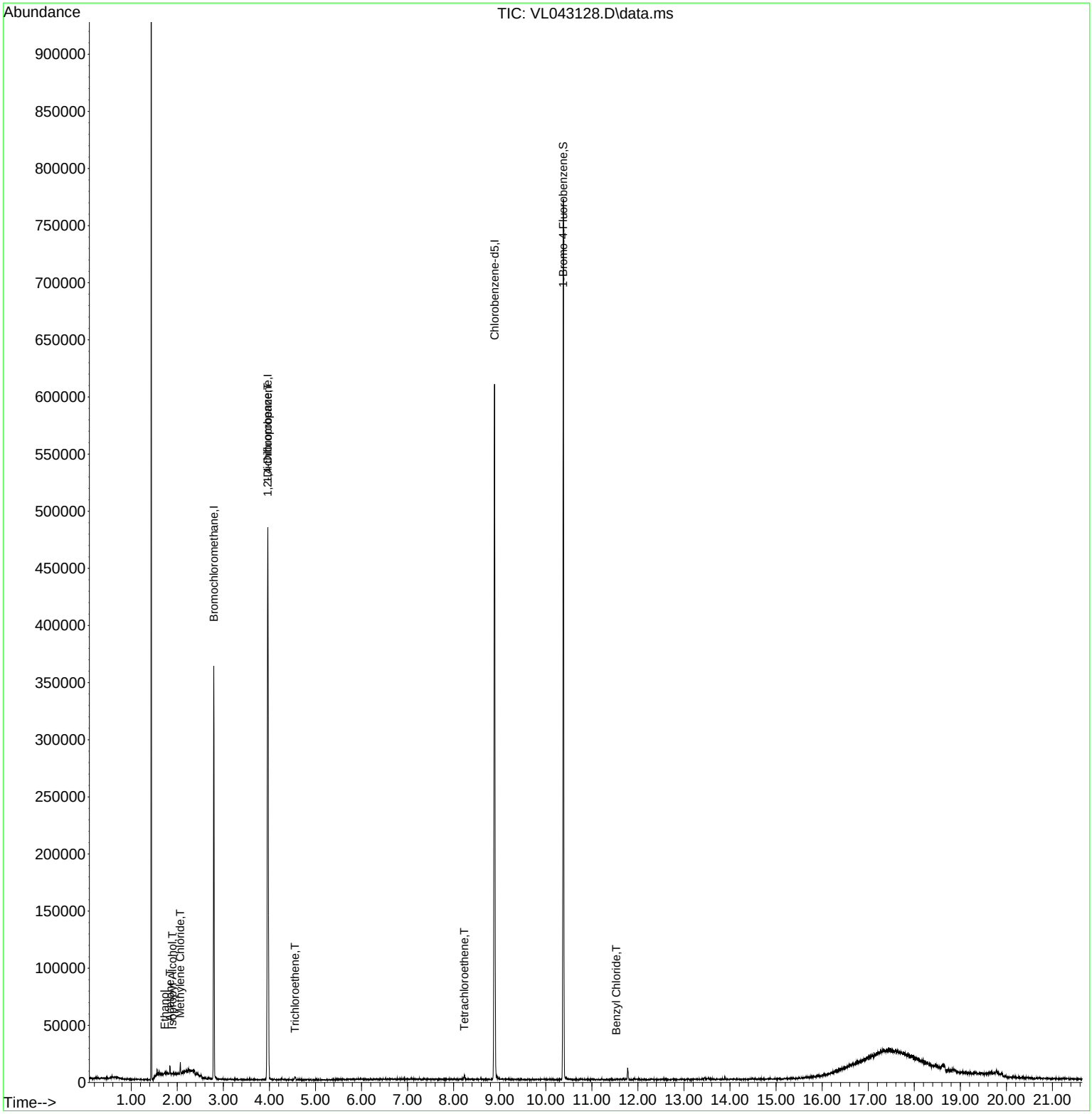
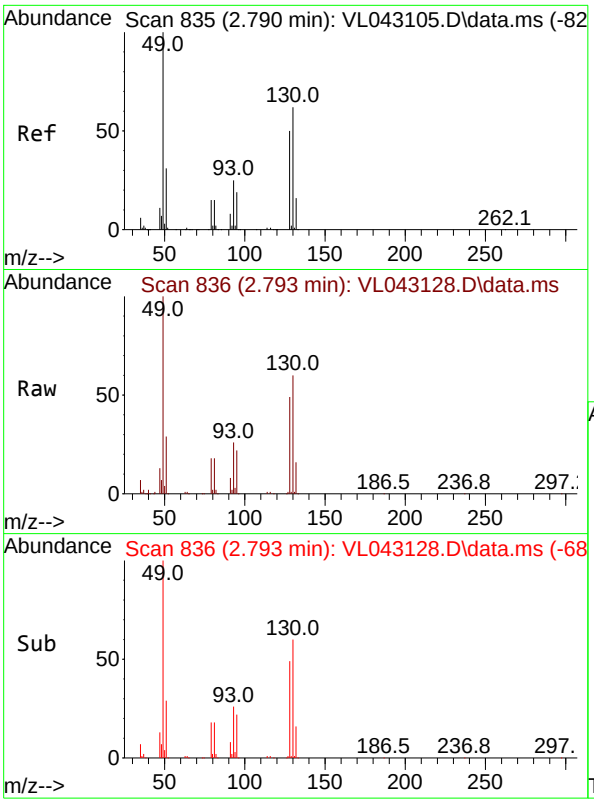


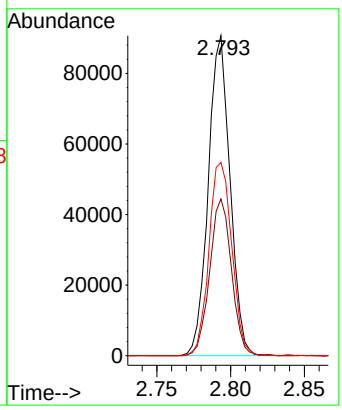


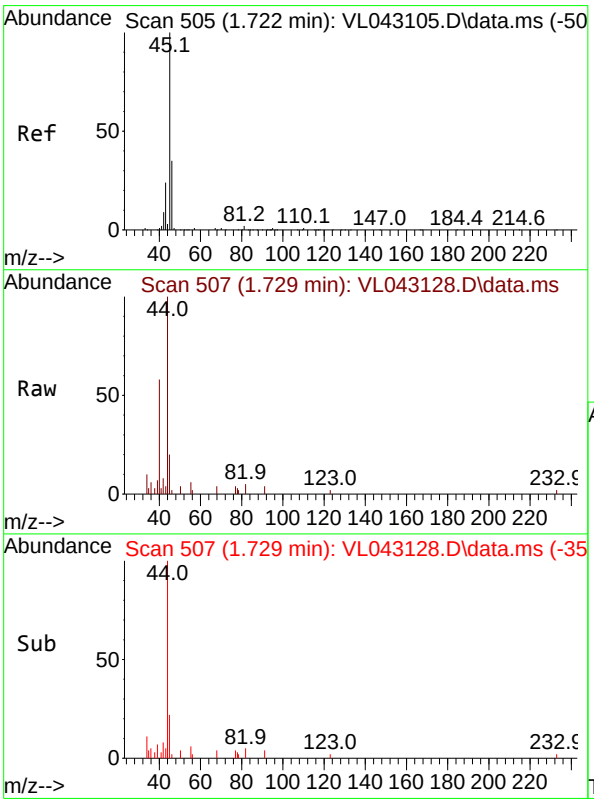
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.793 min Scan# 8
Delta R.T. 0.003 min
Lab File: VL043128.D
Acq: 16 Oct 2025 11:50

Instrument :
MSVOA_L
ClientSampleId :
QC101525 CAN10332

Tgt Ion: 49 Resp: 92921

Ion	Ratio	Lower	Upper
49	100		
128	49.2	24.4	73.4
130	63.5	31.0	93.0

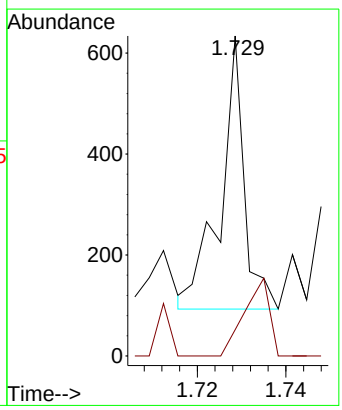


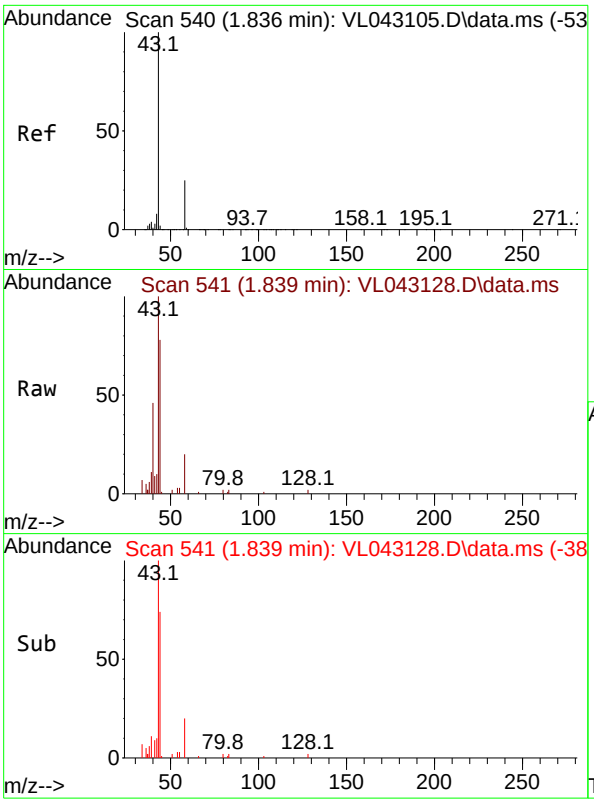


#13
Ethanol
Concen: 0.085 ppbv
RT: 1.729 min Scan# 507
Delta R.T. 0.006 min
Lab File: VL043128.D
Acq: 16 Oct 2025 11:50

Tgt Ion: 45 Resp: 200

Ion	Ratio	Lower	Upper
45	100		
46	0.0	14.7	58.9#



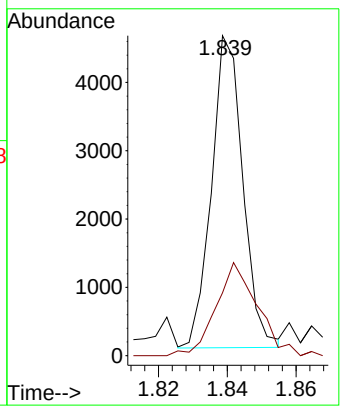


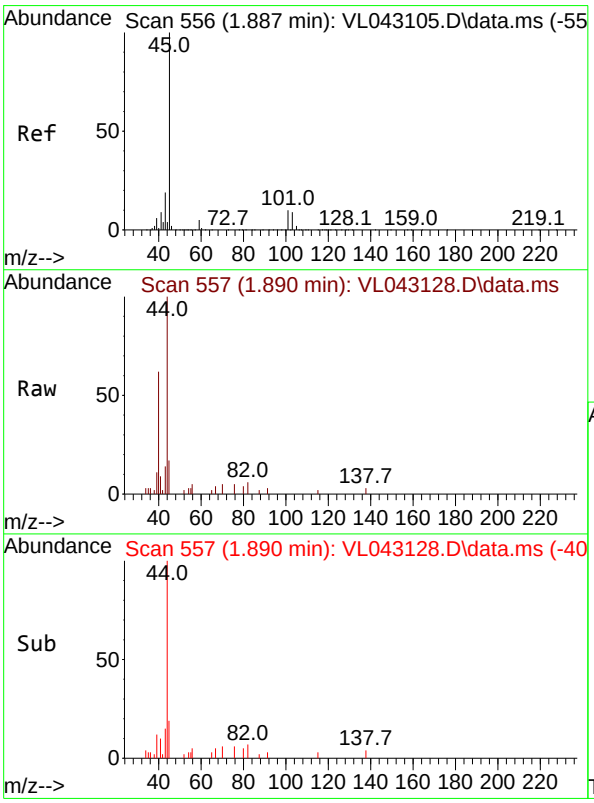
#15
Acetone
Concen: 0.231 ppbv
RT: 1.839 min Scan# 54
Delta R.T. 0.003 min
Lab File: VL043128.D
Acq: 16 Oct 2025 11:50

Instrument :
MSVOA_L
ClientSampleId :
QC101525 CAN10332

Tgt Ion: 43 Resp: 2893

Ion	Ratio	Lower	Upper
43	100		
58	39.5	20.8	31.2#

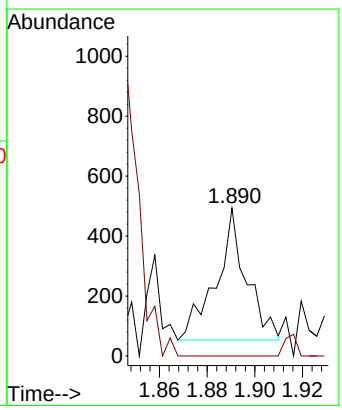


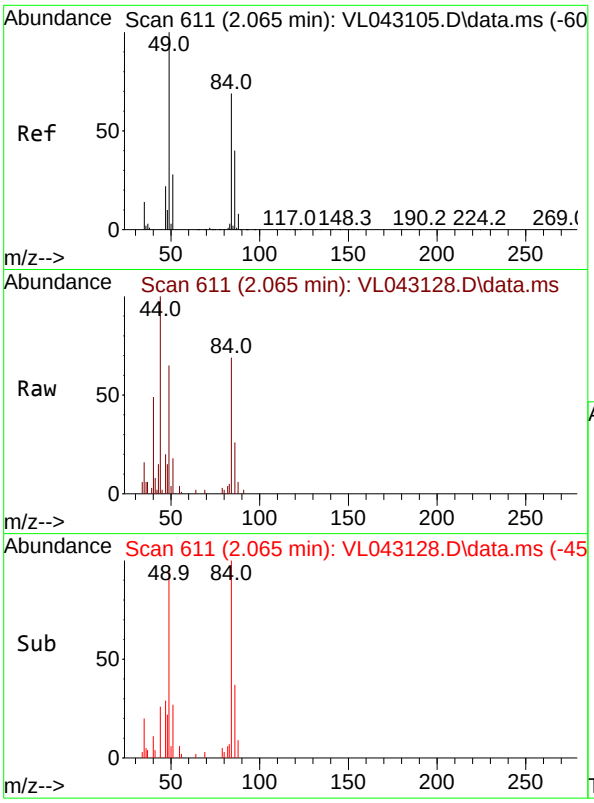


#19
Isopropyl Alcohol
Concen: 0.050 ppbv
RT: 1.890 min Scan# 557
Delta R.T. 0.003 min
Lab File: VL043128.D
Acq: 16 Oct 2025 11:50

Tgt Ion: 45 Resp: 390

Ion	Ratio	Lower	Upper
45	100		
58	292.8	31.3	46.9#



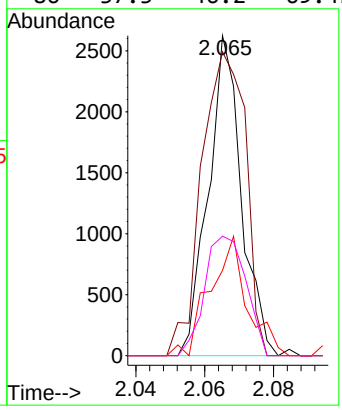


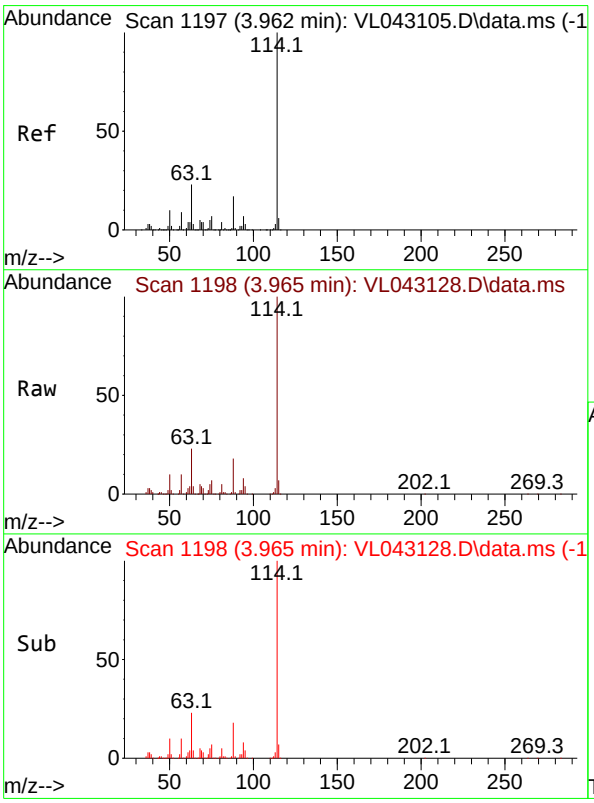
#20
Methylene Chloride
Concen: 0.353 ppbv
RT: 2.065 min Scan# 61
Delta R.T. -0.000 min
Lab File: VL043128.D
Acq: 16 Oct 2025 11:50

Instrument :
MSVOA_L
ClientSampleId :
QC101525 CAN10332

Tgt Ion: 84 Resp: 1750

Ion	Ratio	Lower	Upper
84	100		
49	94.9	116.6	175.0#
51	24.1	34.8	52.2#
86	37.3	46.2	69.4#

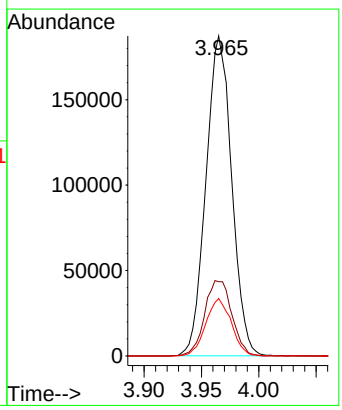


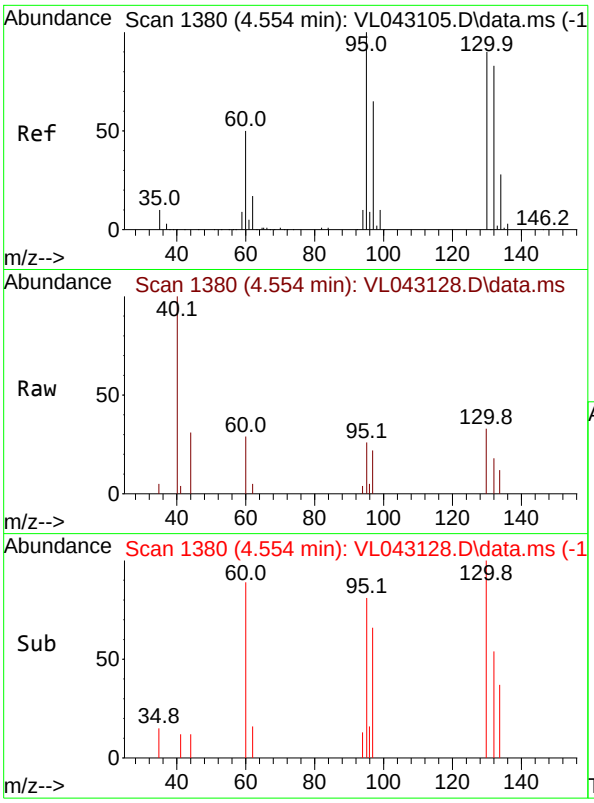


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.965 min Scan# 1198
Delta R.T. 0.003 min
Lab File: VL043128.D
Acq: 16 Oct 2025 11:50

Tgt Ion:114 Resp: 292448

Ion	Ratio	Lower	Upper
114	100		
63	24.9	19.3	28.9
88	17.8	13.9	20.9



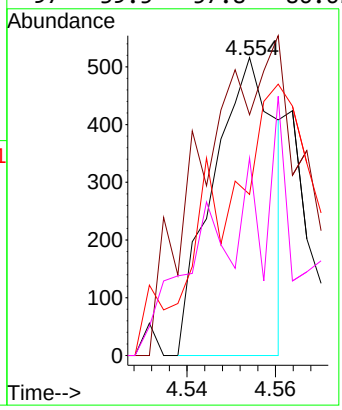


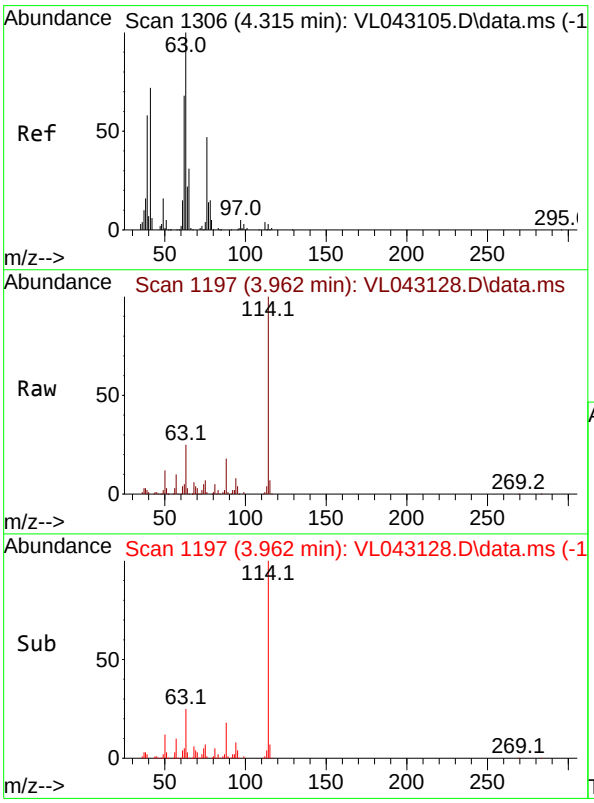
#38
Trichloroethene
Concen: 0.044 ppbv
RT: 4.554 min Scan# 1
Delta R.T. -0.000 min
Lab File: VL043128.D
Acq: 16 Oct 2025 11:50

Instrument :
MSVOA_L
ClientSampleId :
QC101525 CAN10332

Tgt Ion:130 Resp: 504

Ion	Ratio	Lower	Upper
130	100		
95	53.9	88.6	133.0#
132	36.6	73.4	110.0#
97	39.5	57.8	86.6#

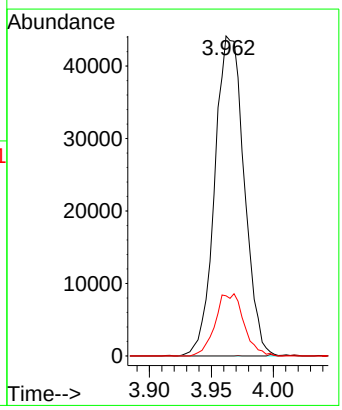


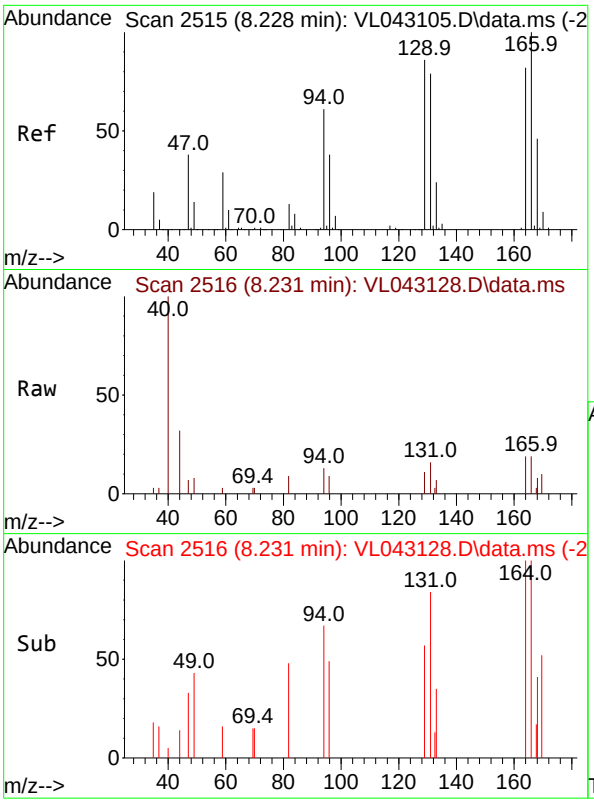


#39
1,2-Dichloropropane
Concen: 7.235 ppbv
RT: 3.962 min Scan# 1197
Delta R.T. -0.353 min
Lab File: VL043128.D
Acq: 16 Oct 2025 11:50

Tgt Ion: 63 Resp: 72858

Ion	Ratio	Lower	Upper
63	100		
41	0.0	58.0	87.0#
62	18.8	54.7	82.1#



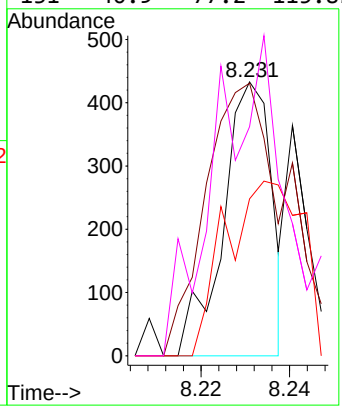


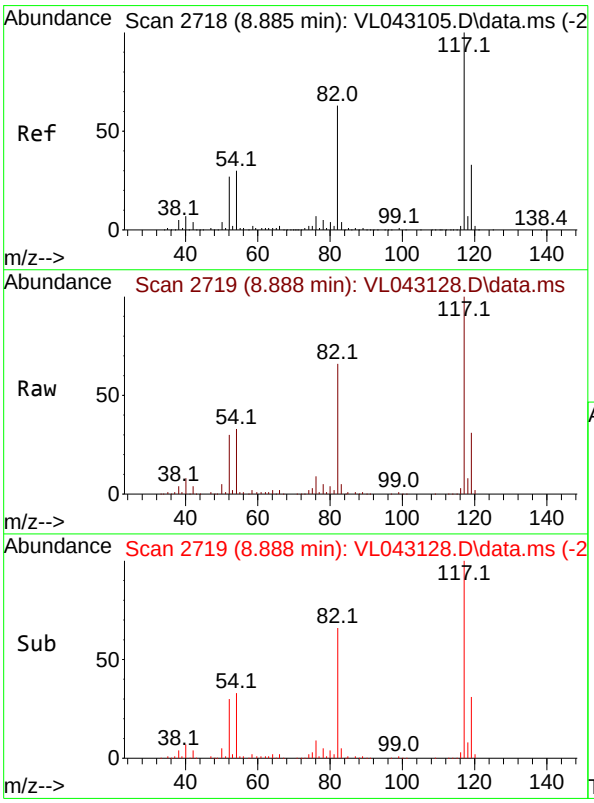
#52
Tetrachloroethene
Concen: 0.033 ppbv
RT: 8.231 min Scan# 2
Delta R.T. 0.003 min
Lab File: VL043128.D
Acq: 16 Oct 2025 11:50

Instrument :
MSVOA_L
ClientSampleId :
QC101525 CAN10332

Tgt Ion:164 Resp: 331

Ion	Ratio	Lower	Upper
164	100		
166	81.3	97.6	146.4#
129	57.3	84.5	126.7#
131	40.9	77.2	115.8#

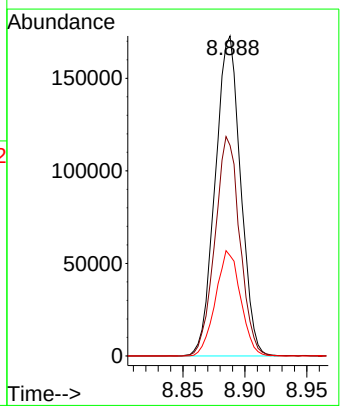


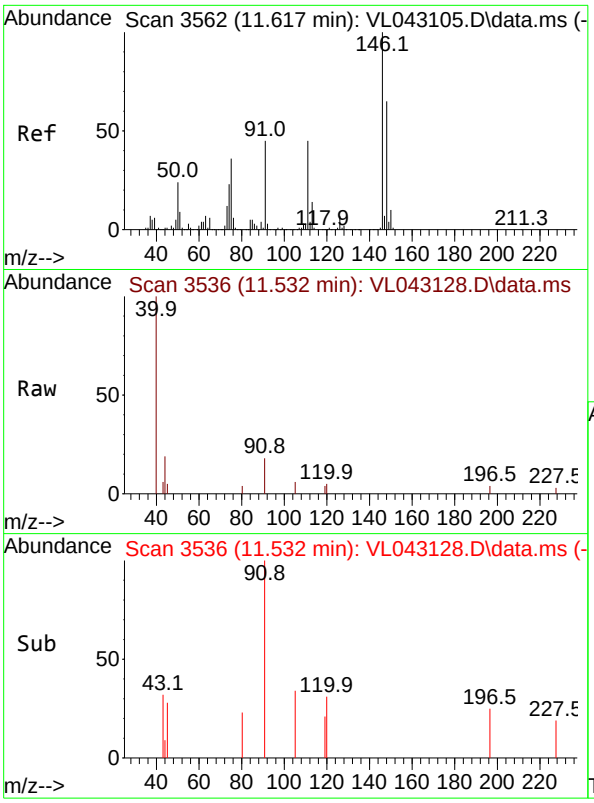


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.888 min Scan# 2719
Delta R.T. 0.003 min
Lab File: VL043128.D
Acq: 16 Oct 2025 11:50

Tgt Ion:117 Resp: 246812

Ion	Ratio	Lower	Upper
117	100		
82	67.3	53.8	80.8
119	32.5	25.4	38.0



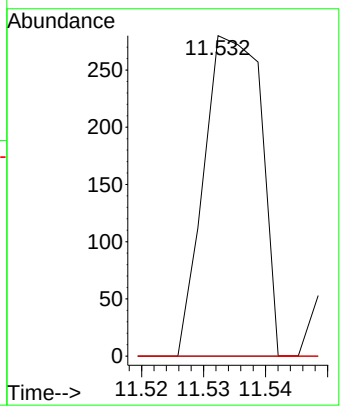


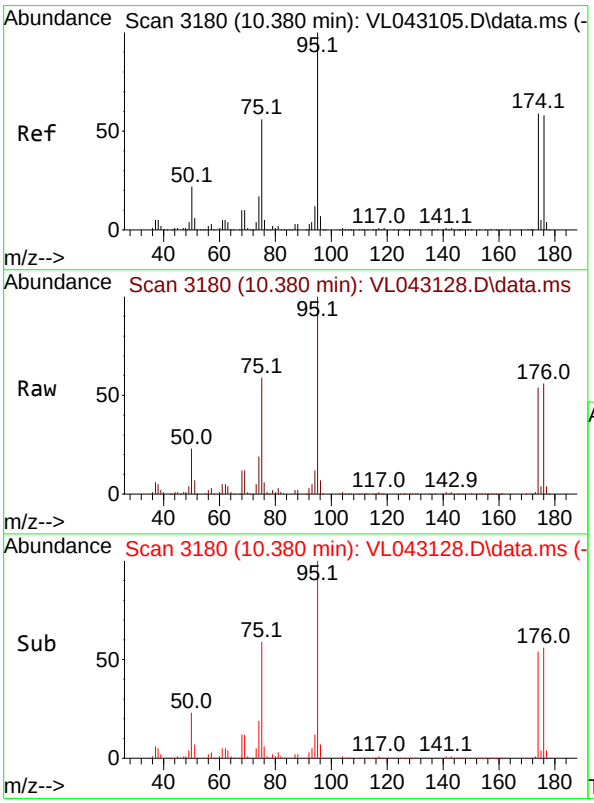
#66
Benzyl Chloride
Concen: 0.030 ppbv
RT: 11.532 min Scan# 3
Delta R.T. -0.084 min
Lab File: VL043128.D
Acq: 16 Oct 2025 11:50

Instrument :
MSVOA_L
ClientSampleId :
QC101525 CAN10332

Tgt Ion: 91 Resp: 179

Ion	Ratio	Lower	Upper
91	100		
126	6.1	14.6	22.0#
128	0.0	4.6	6.8#





#68
1-Bromo-4-Fluorobenzene
Concen: 10.352 ppbv
RT: 10.380 min Scan# 3180
Delta R.T. -0.000 min
Lab File: VL043128.D
Acq: 16 Oct 2025 11:50

Tgt Ion: 95 Resp: 198585

Ion	Ratio	Lower	Upper
95	100		
174	56.9	48.3	72.5
175	4.3	3.8	5.8