Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110724\
Data File : VL041693.D
Acq On : 8 Nov 2024 1:00
Operator : SY/MD
Sample : CAN 10297
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
CAN 10297

Quant Time: Nov 08 03:55:36 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110724AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Fri Nov 08 01:01:00 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.189	49	850875	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.645	114	2494152	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	2154687	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	1561545	9.836	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.400%			
Target Compounds						Qvalue
4) Chloromethane	2.816	50	1844	0.031	ppbv	# 44
9) Propene	2.697	41	1966	0.041	ppbv	# 40
13) Ethanol	3.263	45	1073	0.363	ppbv	79
15) Acetone	3.491	43	3531	0.034	ppbv	# 48
20) Methylene Chloride	3.925	84	2706	0.070	ppbv	# 86
30) Cyclohexane	6.642	84	4853	0.068	ppbv	# 1
39) 1,2-Dichloropropane	6.645	63	617570	8.456	ppbv	# 23

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

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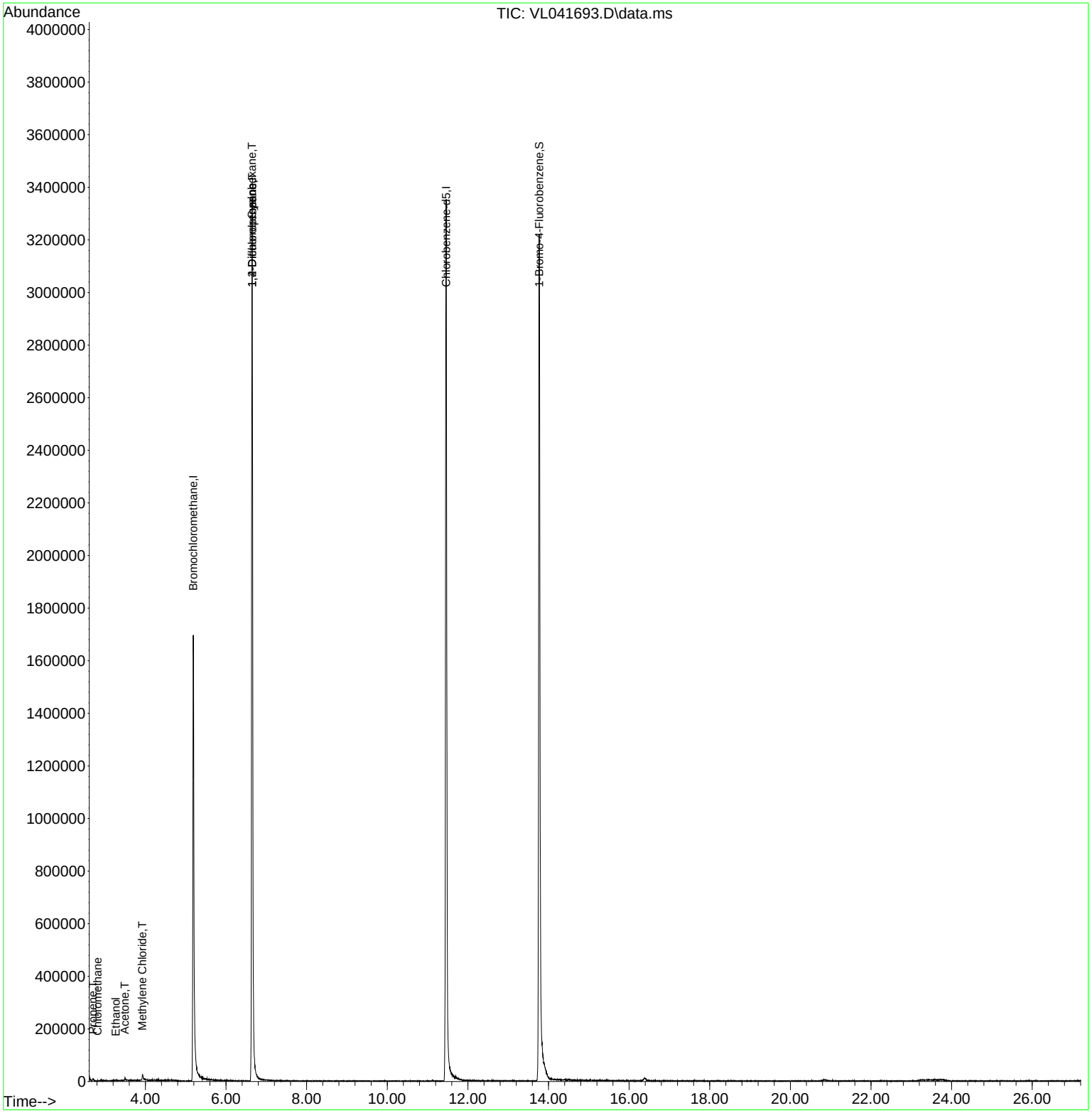
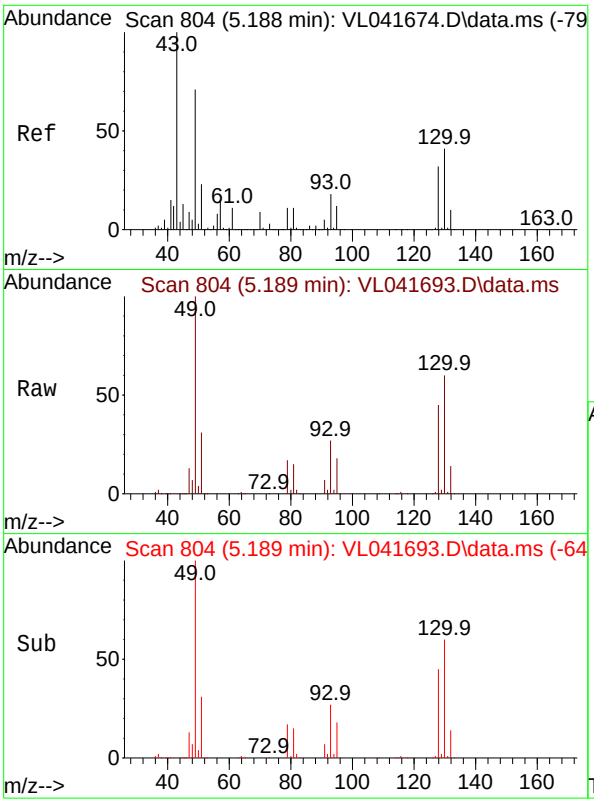


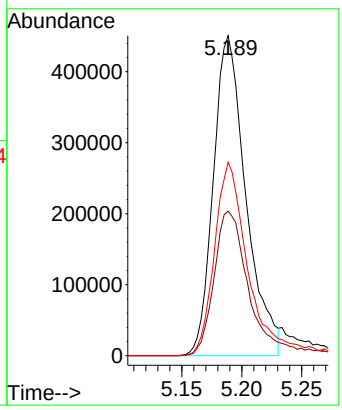


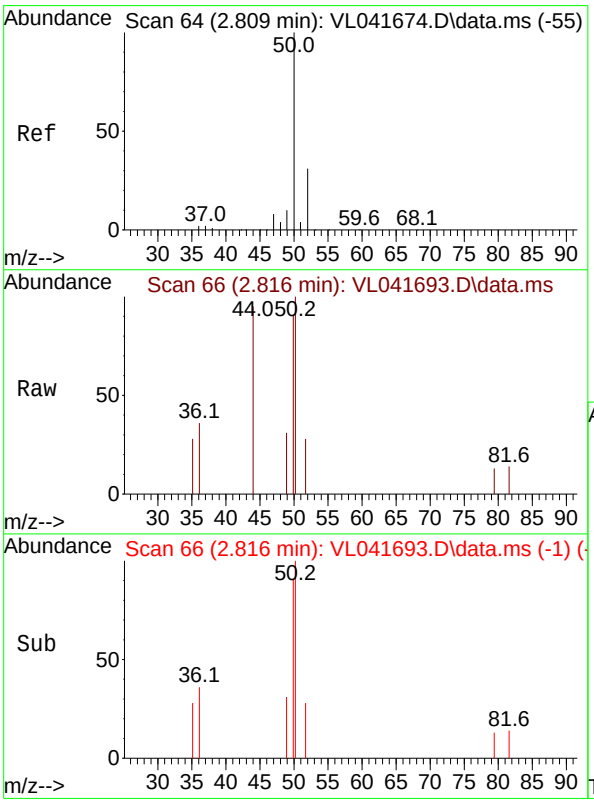
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 8
Delta R.T. 0.001 min
Lab File: VL041693.D
Acq: 8 Nov 2024 1:00

Instrument :
MSVOA_L
ClientSampleId :
CAN 10297

Tgt Ion: 49 Resp: 850875

Ion	Ratio	Lower	Upper
49	100		
128	51.0	23.8	71.2
130	65.8	30.1	90.5

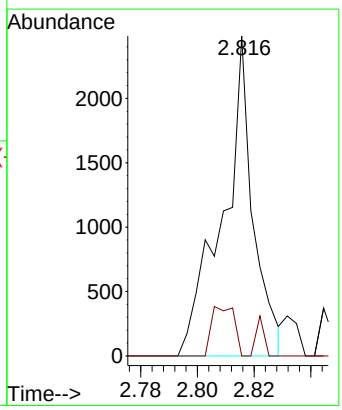


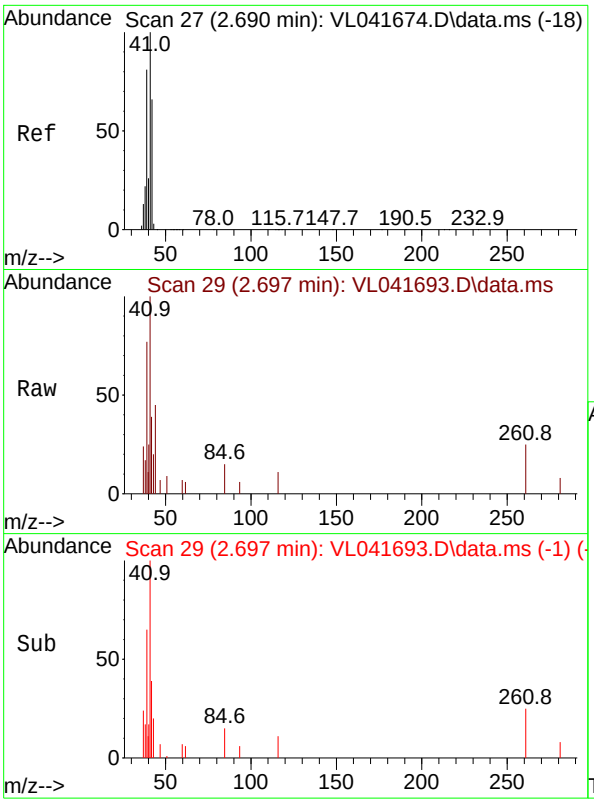


#4
Chloromethane
Concen: 0.031 ppbv
RT: 2.816 min Scan# 66
Delta R.T. 0.006 min
Lab File: VL041693.D
Acq: 8 Nov 2024 1:00

Tgt Ion: 50 Resp: 1844

Ion	Ratio	Lower	Upper
50	100		
52	0.0	24.9	37.3#



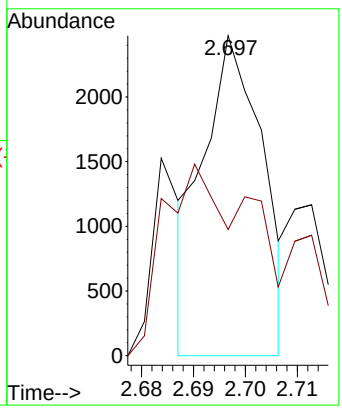


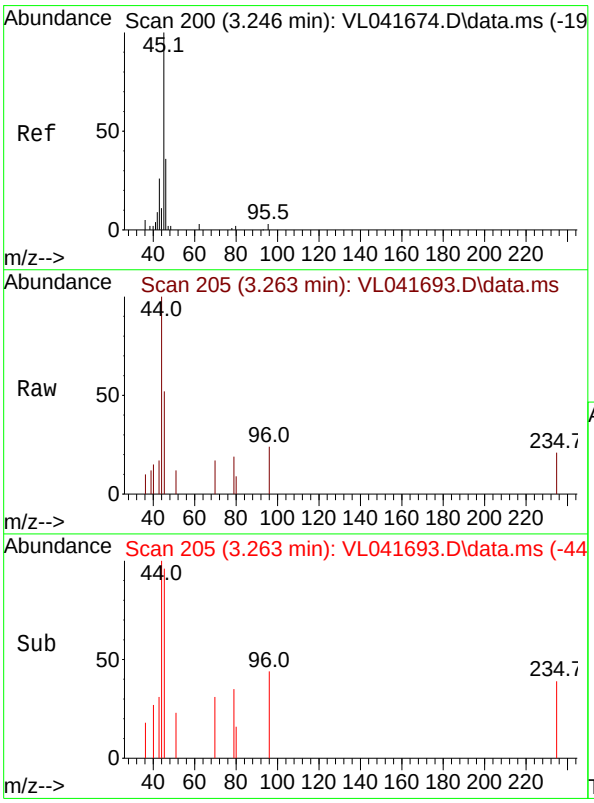
#9
Propene
Concen: 0.041 ppbv
RT: 2.697 min Scan# 2
Delta R.T. 0.006 min
Lab File: VL041693.D
Acq: 8 Nov 2024 1:00

Instrument :
MSVOA_L
ClientSampleId :
CAN 10297

Tgt Ion: 41 Resp: 1966

Ion	Ratio	Lower	Upper
41	100		
42	117.4	55.0	82.4#

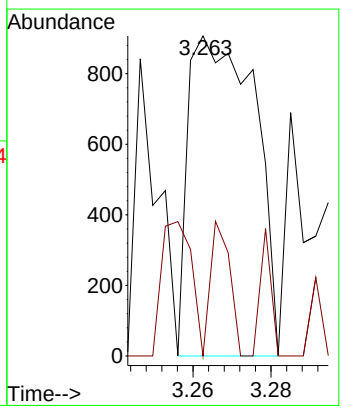


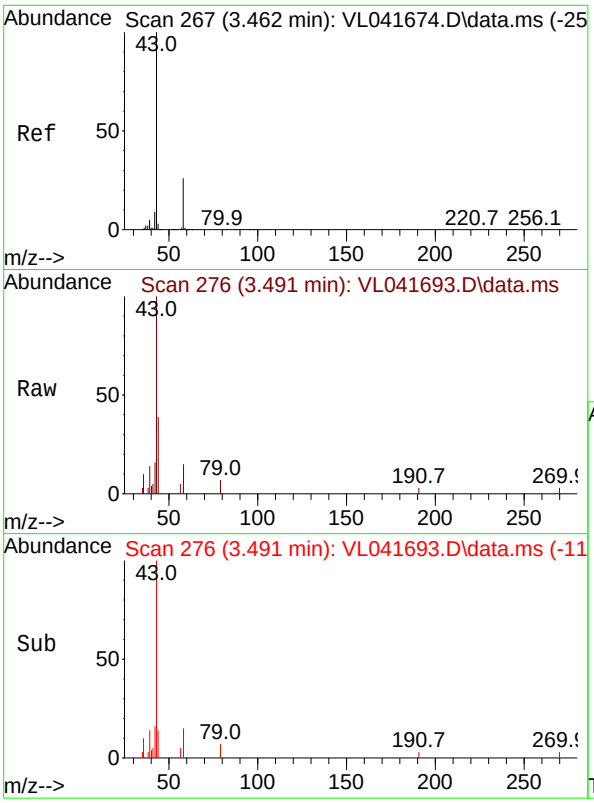


#13
Ethanol
Concen: 0.363 ppbv
RT: 3.263 min Scan# 205
Delta R.T. 0.016 min
Lab File: VL041693.D
Acq: 8 Nov 2024 1:00

Tgt Ion: 45 Resp: 1073

Ion	Ratio	Lower	Upper
45	100		
46	46.4	13.8	55.2



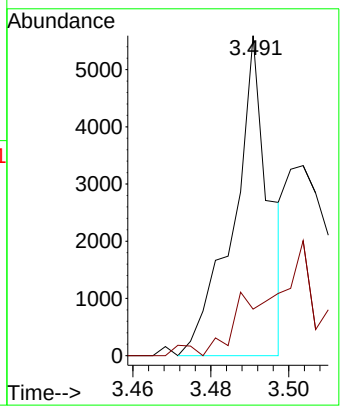


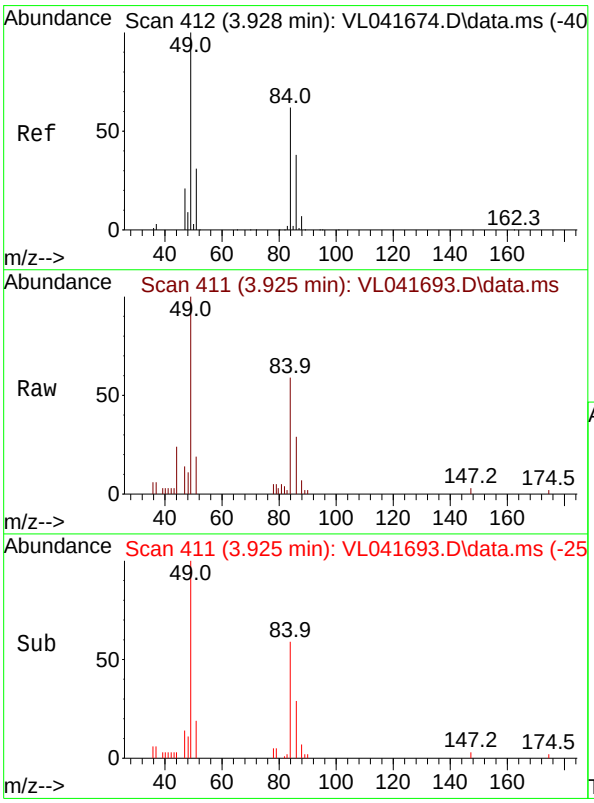
#15
Acetone
Concen: 0.034 ppbv
RT: 3.491 min Scan# 2
Delta R.T. 0.029 min
Lab File: VL041693.D
Acq: 8 Nov 2024 1:00

Instrument :
MSVOA_L
ClientSampleId :
CAN 10297

Tgt Ion: 43 Resp: 3531

Ion	Ratio	Lower	Upper
43	100		
58	0.0	21.4	32.0#

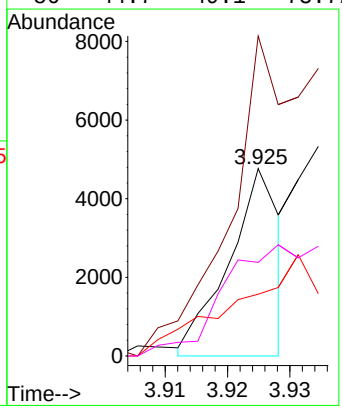


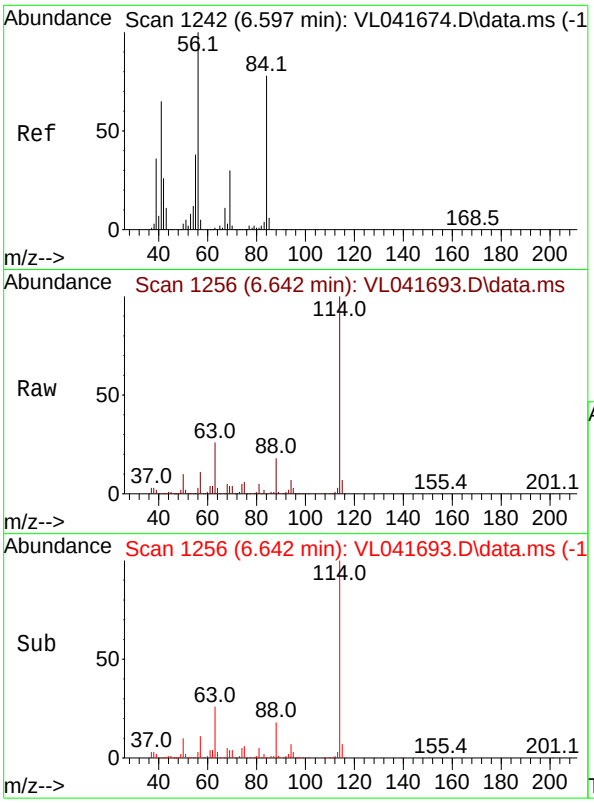


#20
Methylene Chloride
Concen: 0.070 ppbv
RT: 3.925 min Scan# 411
Delta R.T. -0.003 min
Lab File: VL041693.D
Acq: 8 Nov 2024 1:00

Tgt Ion: 84 Resp: 2706

Ion	Ratio	Lower	Upper
84	100		
49	159.1	129.7	194.5
51	19.5	39.8	59.6#
86	44.7	49.1	73.7#



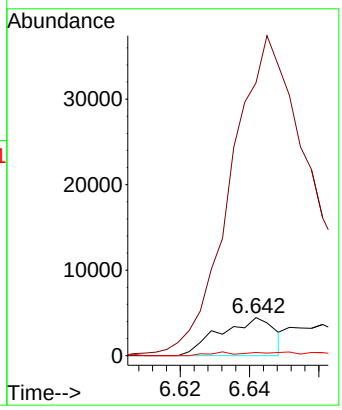


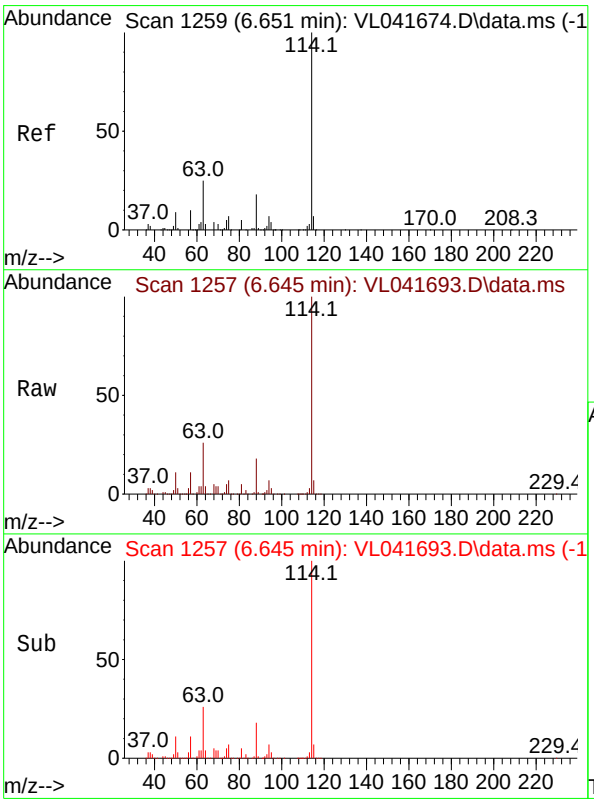
#30
Cyclohexane
Concen: 0.068 ppbv
RT: 6.642 min Scan# 1
Delta R.T. 0.045 min
Lab File: VL041693.D
Acq: 8 Nov 2024 1:00

Instrument :
MSVOA_L
ClientSampleId :
CAN 10297

Tgt Ion: 84 Resp: 4853

Ion	Ratio	Lower	Upper
84	100		
56	1362.4	110.8	166.2#
41	15.6	70.0	105.0#

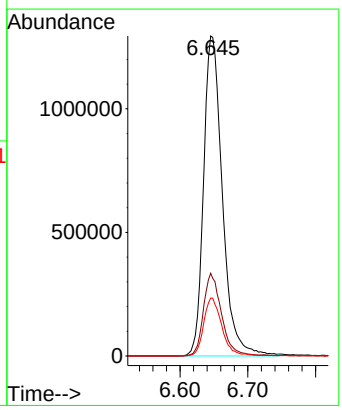


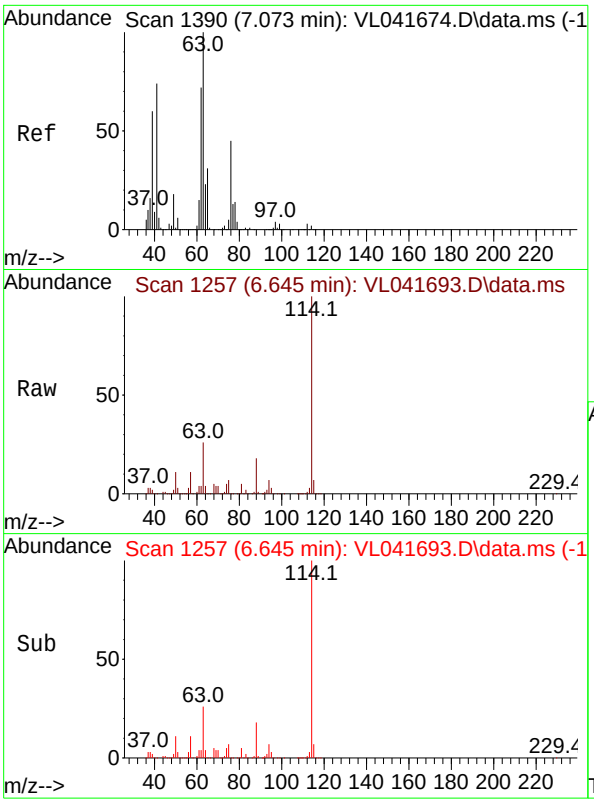


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.645 min Scan# 1257
Delta R.T. -0.006 min
Lab File: VL041693.D
Acq: 8 Nov 2024 1:00

Tgt Ion:114 Resp: 2494152

Ion	Ratio	Lower	Upper
114	100		
63	25.1	20.3	30.5
88	17.7	14.2	21.4



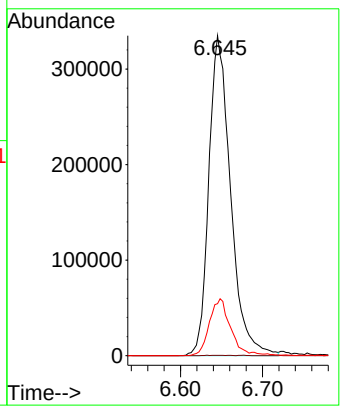


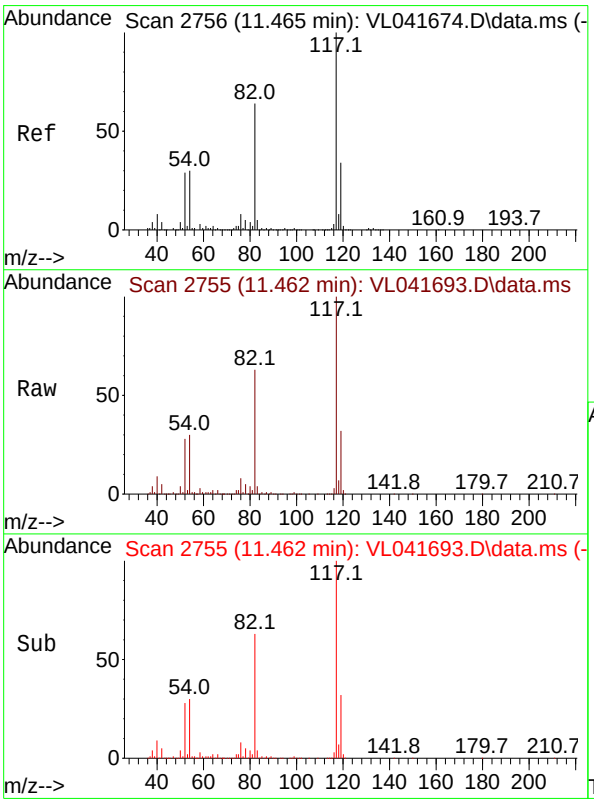
#39
1,2-Dichloropropane
Concen: 8.456 ppbv
RT: 6.645 min Scan# 1
Delta R.T. -0.428 min
Lab File: VL041693.D
Acq: 8 Nov 2024 1:00

Instrument :
MSVOA_L
ClientSampleId :
CAN 10297

Tgt Ion: 63 Resp: 617570

Ion	Ratio	Lower	Upper
63	100		
41	0.1	59.1	88.7#
62	16.3	57.7	86.5#

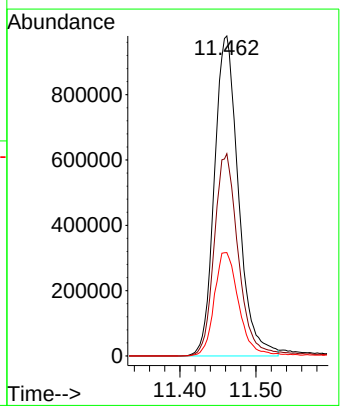


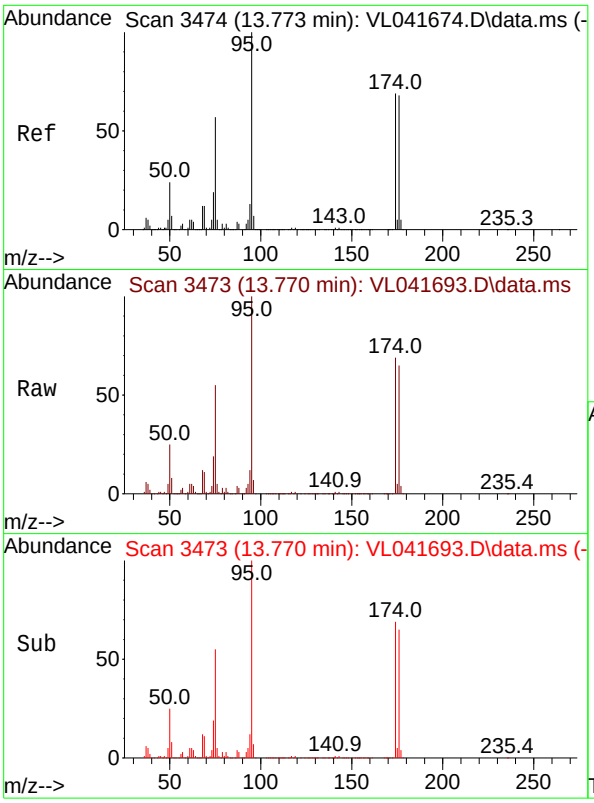


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.462 min Scan# 2755
Delta R.T. -0.003 min
Lab File: VL041693.D
Acq: 8 Nov 2024 1:00

Tgt Ion:117 Resp: 2154687

Ion	Ratio	Lower	Upper
117	100		
82	64.6	49.8	74.8
119	33.4	24.2	36.4





#68
1-Bromo-4-Fluorobenzene
Concen: 9.836 ppbv
RT: 13.770 min Scan# 3
Delta R.T. -0.003 min
Lab File: VL041693.D
Acq: 8 Nov 2024 1:00

Instrument :
MSVOA_L
ClientSampleId :
CAN 10297

Tgt Ion: 95 Resp: 1561545

Ion	Ratio	Lower	Upper
95	100		
174	71.7	55.6	83.4
175	5.1	4.2	6.2