Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111022\
Data File : VL039873.D
Acq On : 10 Nov 2022 21:14
Operator : SY/AP
Sample : N5584-03DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Nov 11 05:03:11 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	5.192	49	948438	10.000	ppbv		0.00
33) 1,4-Difluorobenzene	6.648	114	2160974	10.000	ppbv	#	0.00
55) Chlorobenzene-d5	11.455	117	1871296	10.000	ppbv	#	0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	13.761	95	1557188	11.118	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 111.200%				
Target Compounds							Qvalue
3) Chlorodifluoromethane	2.690	51	6696	0.059	ppbv	#	86
9) Propene	3.025	41	5645	0.096	ppbv		96
13) Ethanol	3.263	45	72434	17.397	ppbv		73
15) Acetone	3.491	43	72287	0.626	ppbv		100
20) Methylene Chloride	3.941	84	83411	2.020	ppbv		96
25) Ethyl Acetate	5.214	43	26139	0.110	ppbv	#	81
26) Hexane	5.214	57	30422	0.287	ppbv	#	41
39) 1,2-Dichloropropane	6.645	63	626118	8.816	ppbv	#	27

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

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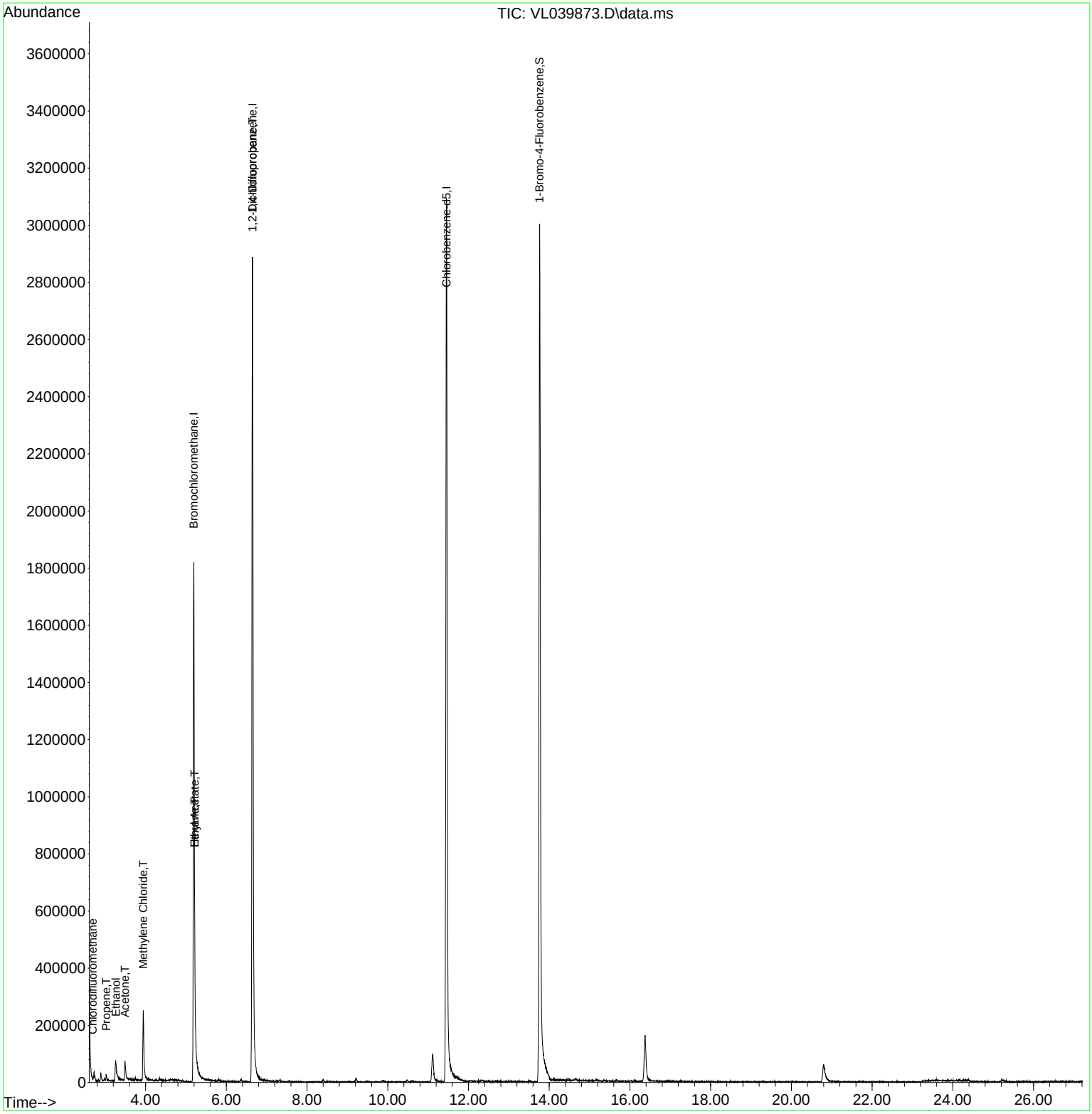
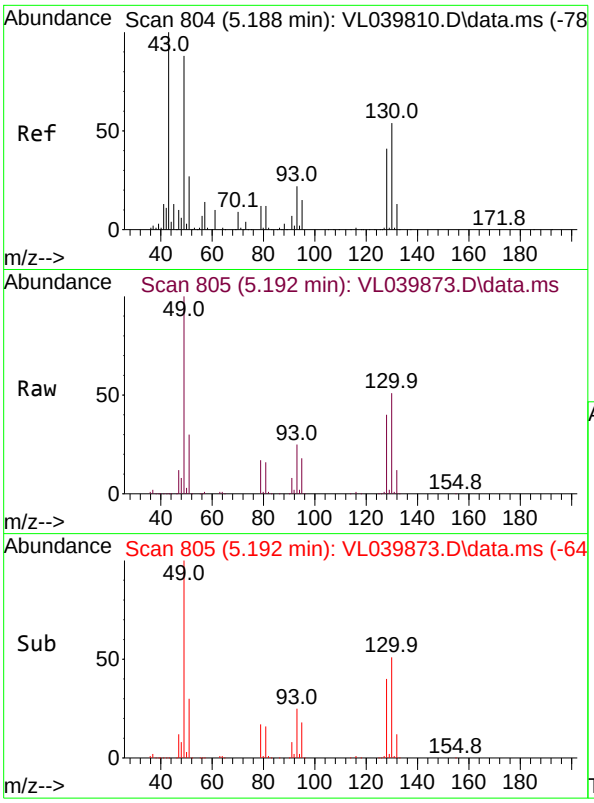


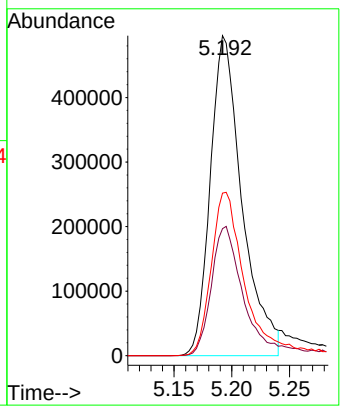


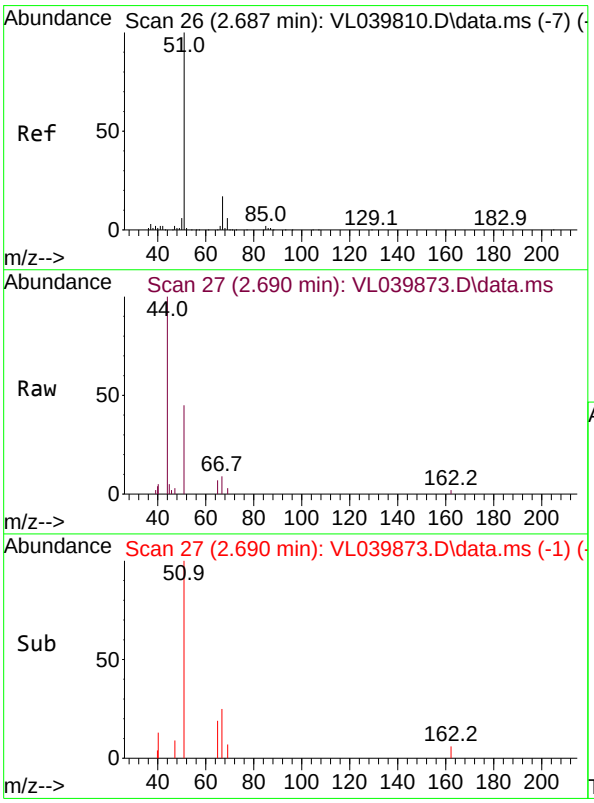
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 8
Delta R.T. 0.004 min
Lab File: VL039873.D
Acq: 10 Nov 2022 21:14

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 948438

Ion	Ratio	Lower	Upper
49	100		
128	43.5	24.6	73.6
130	56.8	31.1	93.2

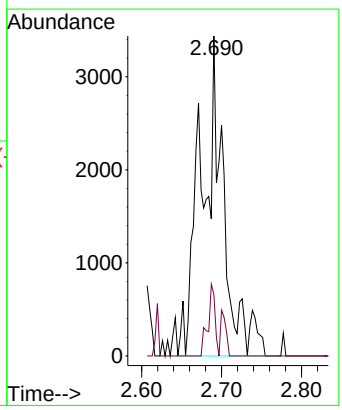


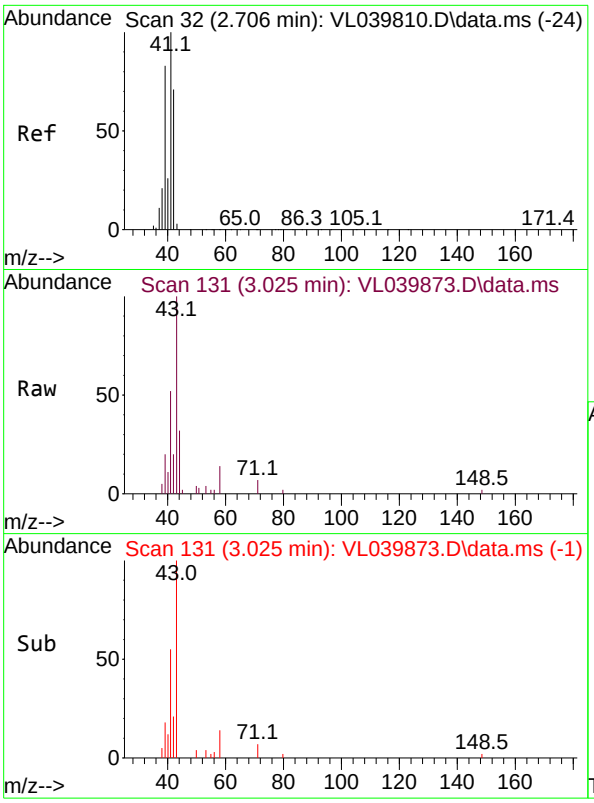


#3
Chlorodifluoromethane
Concen: 0.059 ppbv
RT: 2.690 min Scan# 27
Delta R.T. 0.003 min
Lab File: VL039873.D
Acq: 10 Nov 2022 21:14

Tgt Ion: 51 Resp: 6696

Ion	Ratio	Lower	Upper
51	100		
67	10.4	13.2	19.8#



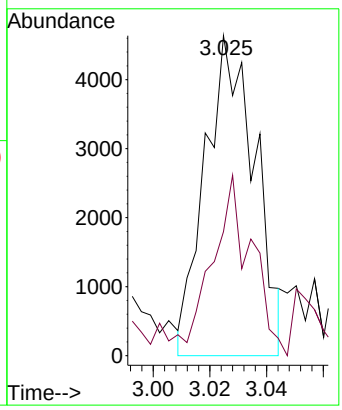


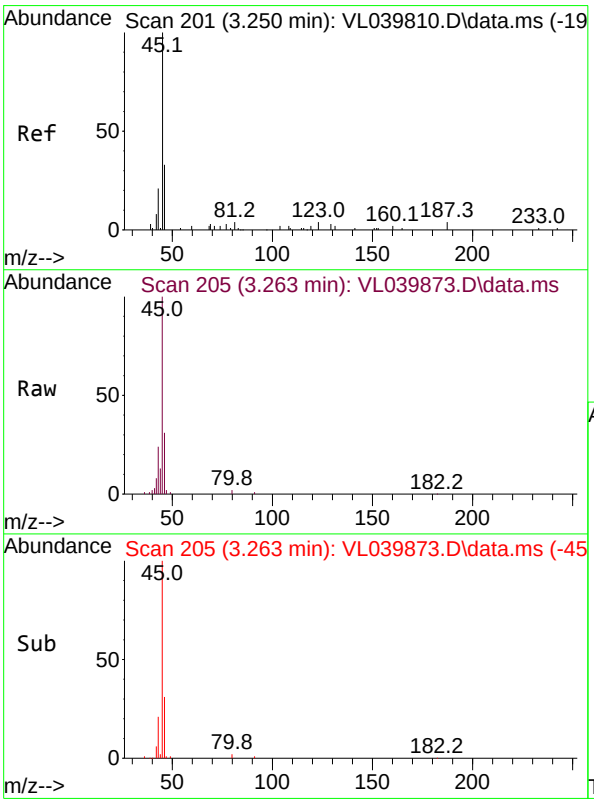
#9
Propene
Concen: 0.096 ppbv
RT: 3.025 min Scan# 1
Delta R.T. 0.319 min
Lab File: VL039873.D
Acq: 10 Nov 2022 21:14

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 41 Resp: 5645

Ion	Ratio	Lower	Upper
41	100		
42	66.8	56.3	84.5

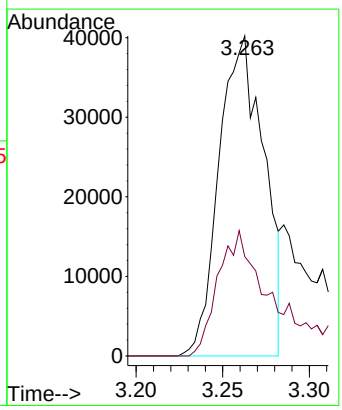


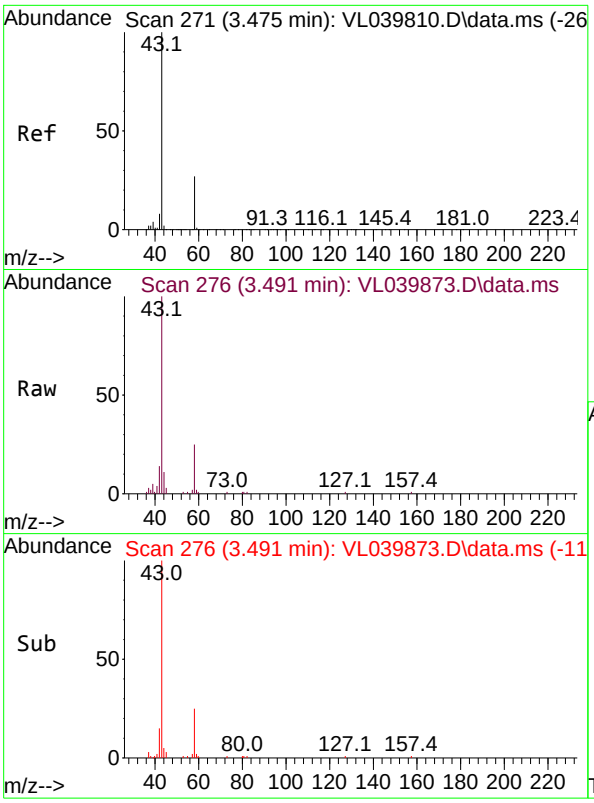


#13
Ethanol
Concen: 17.397 ppbv
RT: 3.263 min Scan# 205
Delta R.T. 0.013 min
Lab File: VL039873.D
Acq: 10 Nov 2022 21:14

Tgt Ion: 45 Resp: 72434

Ion	Ratio	Lower	Upper
45	100		
46	58.0	16.5	65.9



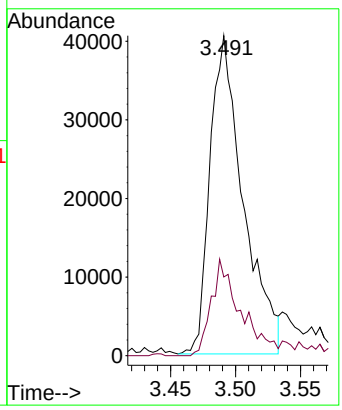


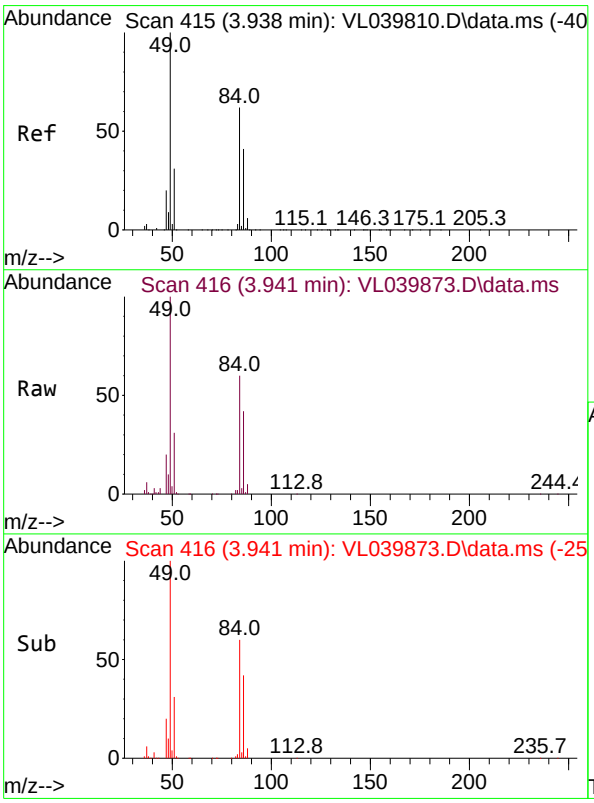
#15
Acetone
Concen: 0.626 ppbv
RT: 3.491 min Scan# 2
Delta R.T. 0.016 min
Lab File: VL039873.D
Acq: 10 Nov 2022 21:14

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 72287

Ion	Ratio	Lower	Upper
43	100		
58	29.1	23.2	34.8

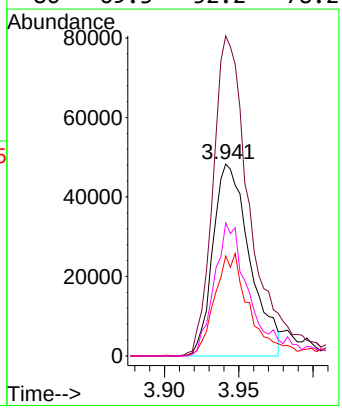


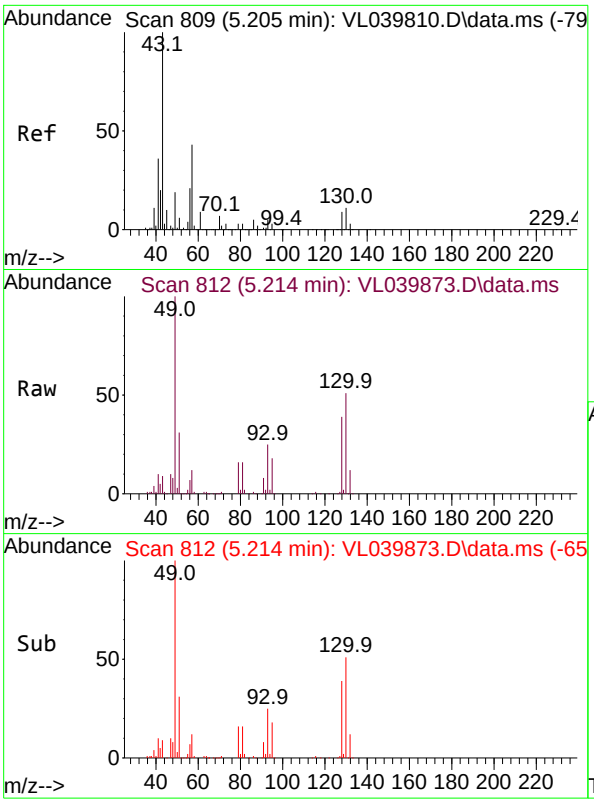


#20
Methylene Chloride
Concen: 2.020 ppbv
RT: 3.941 min Scan# 416
Delta R.T. 0.003 min
Lab File: VL039873.D
Acq: 10 Nov 2022 21:14

Tgt Ion: 84 Resp: 83411

Ion	Ratio	Lower	Upper
84	100		
49	166.8	128.6	192.8
51	52.1	40.2	60.4
86	69.3	52.2	78.2



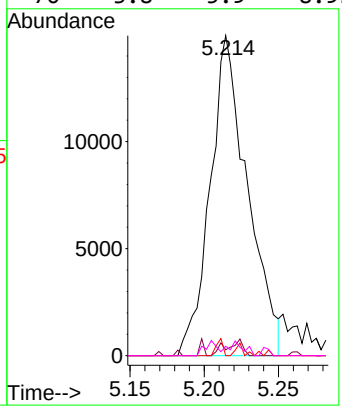


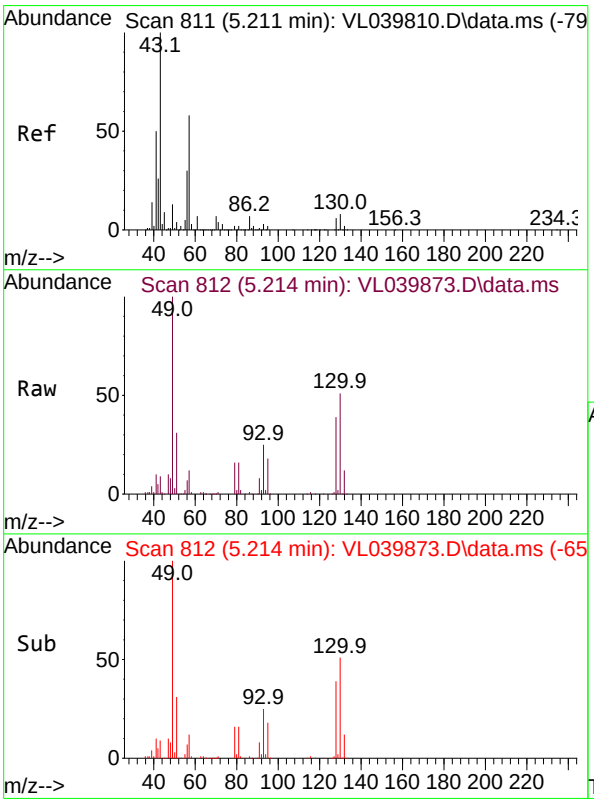
#25
Ethyl Acetate
Concen: 0.110 ppbv
RT: 5.214 min Scan# 81
Delta R.T. 0.010 min
Lab File: VL039873.D
Acq: 10 Nov 2022 21:14

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 26139

Ion	Ratio	Lower	Upper
43	100		
45	2.2	8.2	12.2#
61	2.0	8.1	12.1#
70	3.8	5.9	8.9#

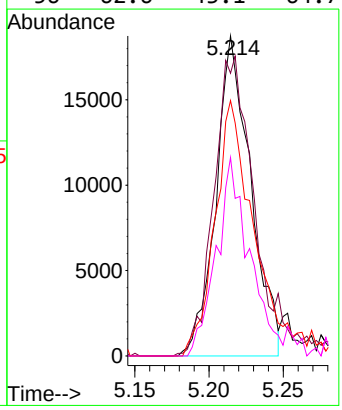


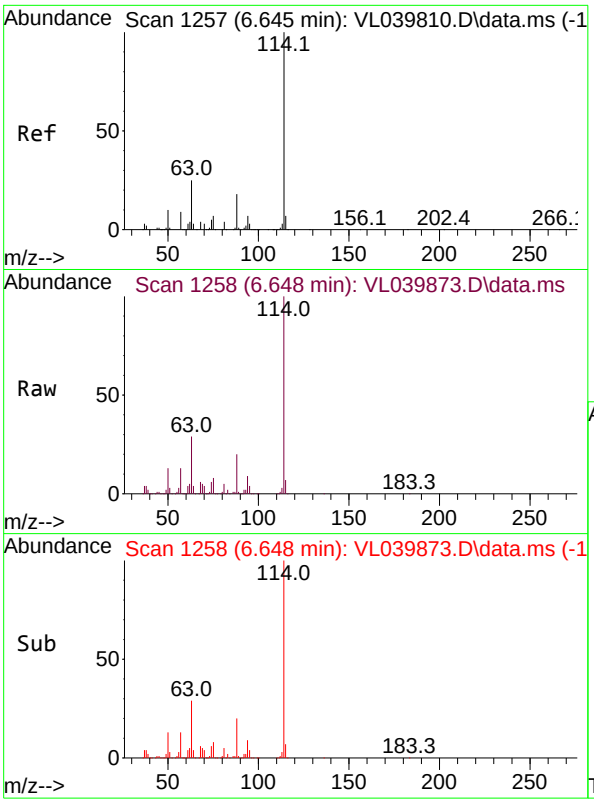


#26
Hexane
Concen: 0.287 ppbv
RT: 5.214 min Scan# 812
Delta R.T. 0.003 min
Lab File: VL039873.D
Acq: 10 Nov 2022 21:14

Tgt Ion: 57 Resp: 30422

Ion	Ratio	Lower	Upper
57	100		
41	114.9	73.7	110.5#
43	96.8	189.8	284.8#
56	62.6	43.1	64.7



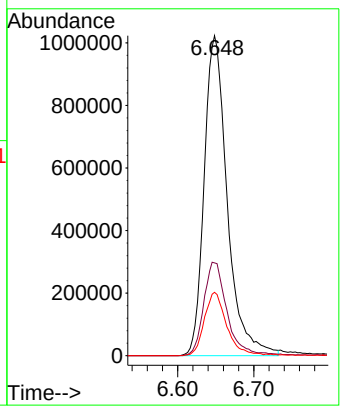


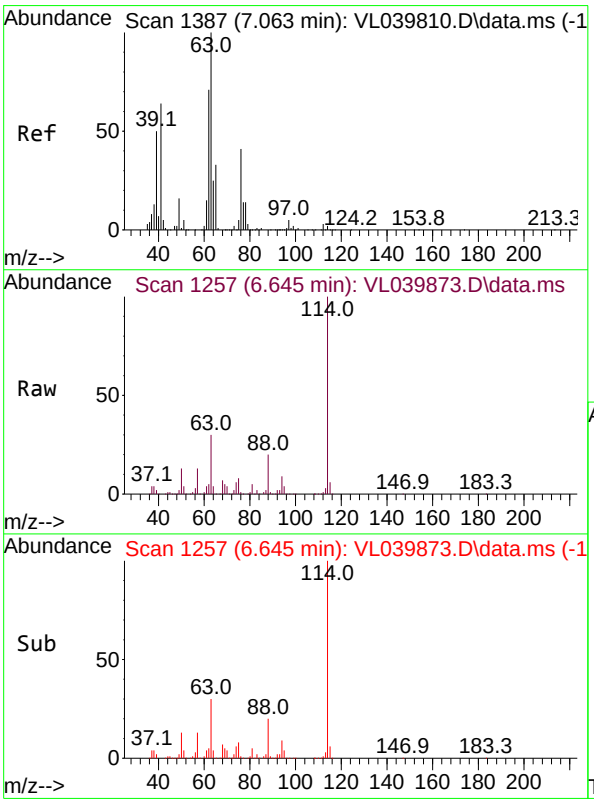
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.648 min Scan# 1
Delta R.T. 0.003 min
Lab File: VL039873.D
Acq: 10 Nov 2022 21:14

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:114 Resp: 2160974

Ion	Ratio	Lower	Upper
114	100		
63	30.0	19.8	29.6#
88	19.4	14.4	21.6

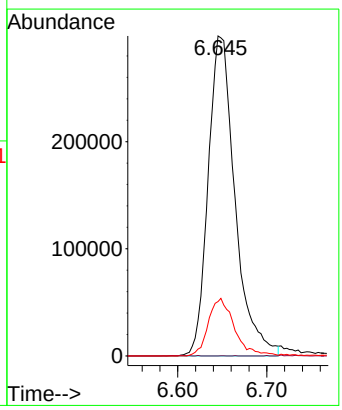


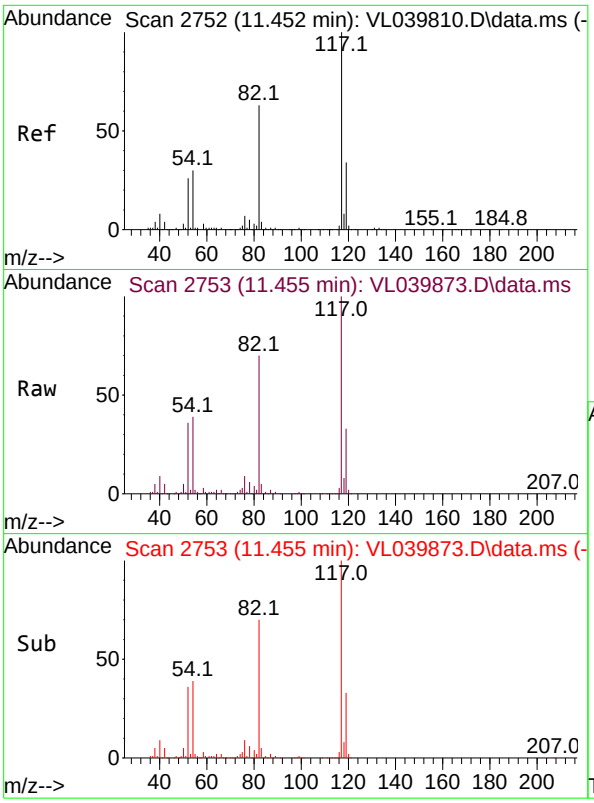


#39
1,2-Dichloropropane
Concen: 8.816 ppbv
RT: 6.645 min Scan# 1257
Delta R.T. -0.418 min
Lab File: VL039873.D
Acq: 10 Nov 2022 21:14

Tgt Ion: 63 Resp: 626118

Ion	Ratio	Lower	Upper
63	100		
41	0.0	51.0	76.4#
62	17.0	56.6	85.0#



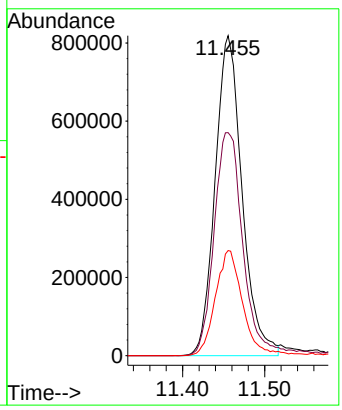


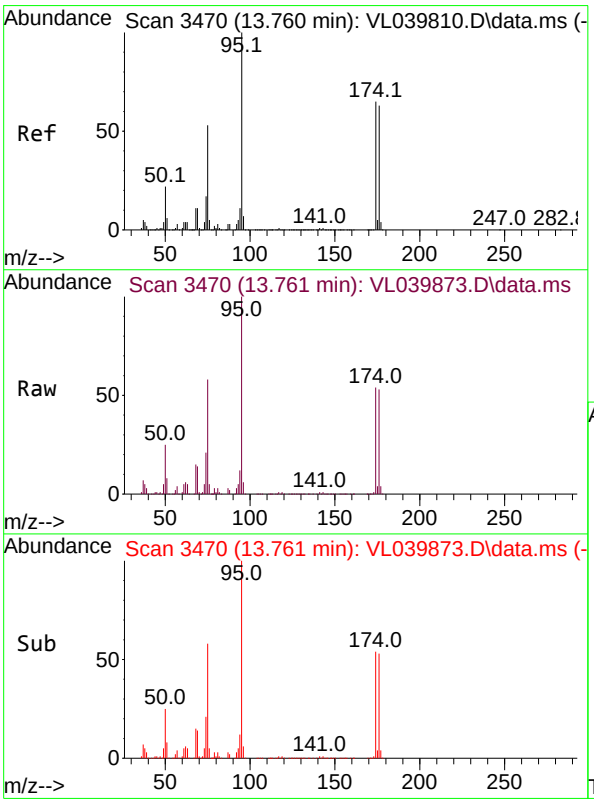
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.455 min Scan# 2
Delta R.T. 0.003 min
Lab File: VL039873.D
Acq: 10 Nov 2022 21:14

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 1871296

Ion	Ratio	Lower	Upper
117	100		
82	77.0	51.0	76.6#
119	34.2	24.7	37.1





#68
1-Bromo-4-Fluorobenzene
Concen: 11.118 ppbv
RT: 13.761 min Scan# 3470
Delta R.T. 0.000 min
Lab File: VL039873.D
Acq: 10 Nov 2022 21:14

Tgt Ion: 95 Resp: 1557188

Ion	Ratio	Lower	Upper
95	100		
174	59.0	53.4	80.0
175	4.2	4.1	6.1