Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042825\
Data File : VL042429.D
Acq On : 28 Apr 2025 16:50
Operator : SY/MD
Sample : Q1880-10
Misc : 400mL/MSVOA_L
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
EBR-P16-SC-AA01-20250422

Quant Time: Apr 29 01:40:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Fri Apr 18 02:14:00 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	2.784	49	126248	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.956	114	347099	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.879	117	291241	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.374	95	255913	10.693	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 106.900%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	10161	0.456	ppbv	94
3) Chlorodifluoromethane	1.531	51	656	0.031	ppbv	93
4) Chloromethane	1.531	50	5240	0.594	ppbv	92
6) Bromomethane	1.664	94	158	0.038	ppbv #	8
9) Propene	1.619	41	4604	0.476	ppbv	93
11) Trichlorofluoromethane	1.878	101	5511	0.260	ppbv	91
12) 1,1,2-Trichlorotrifluo...	2.140	101	1147	0.066	ppbv #	69
13) Ethanol	1.719	45	11666	7.588	ppbv #	24
15) Acetone	1.836	43	68450	3.312	ppbv	98
16) 1,3-Butadiene	1.599	39	1088	0.110	ppbv #	26
17) tert-Butyl alcohol	2.043	59	1212	0.047	ppbv #	44
19) Isopropyl Alcohol	1.887	45	8781	0.765	ppbv #	1
20) Methylene Chloride	2.062	84	8715	1.077	ppbv #	81
23) Vinyl Acetate	2.451	43	5810	0.695	ppbv #	75
26) Hexane	2.823	57	10435	0.506	ppbv #	36
34) 2-Butanone	2.561	43	8080	0.294	ppbv	97
35) Carbon Tetrachloride	3.758	117	1361	0.043	ppbv #	86
36) Benzene	3.655	78	4175	0.112	ppbv #	72
39) 1,2-Dichloropropane	3.956	63	97726	7.005	ppbv #	23
41) Tetrahydrofuran	3.062	42	653	0.041	ppbv	98
53) Toluene	6.930	91	3755	0.084	ppbv #	18
58) Ethyl Benzene	9.523	91	5348	0.093	ppbv	100
60) o-Xylene	9.963	91	2489	0.053	ppbv	84
72) 4-Ethyltoluene	11.128	105	1787	0.031	ppbv #	59
73) 1,3,5-Trimethylbenzene	11.209	105	1554	0.031	ppbv #	51
74) 1,2,4-Trimethylbenzene	11.536	105	4974	0.084	ppbv #	74

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042825\
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EBR-P16-SC-AA01-20250422

Quant Time: Apr 29 01:40:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M
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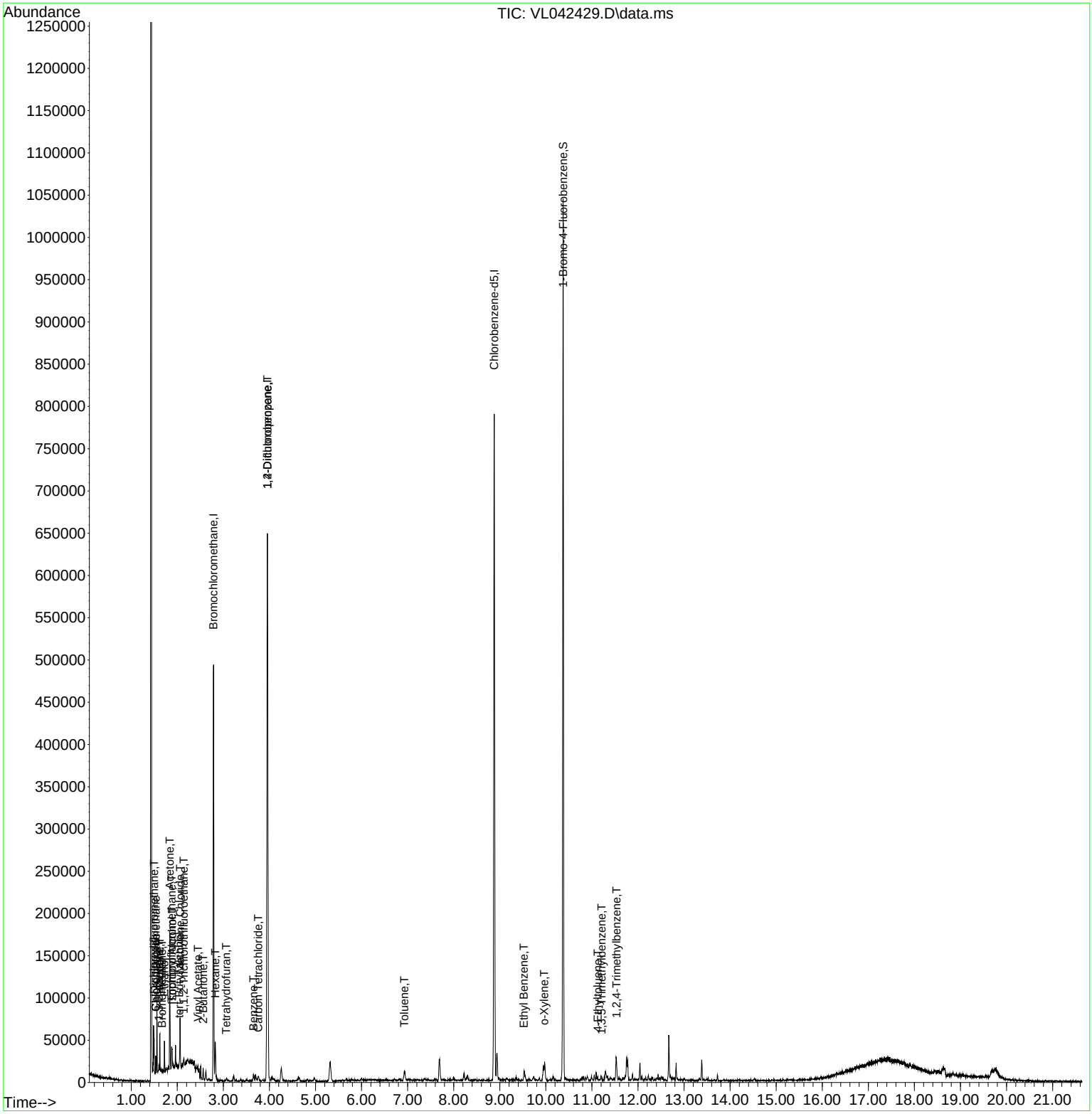
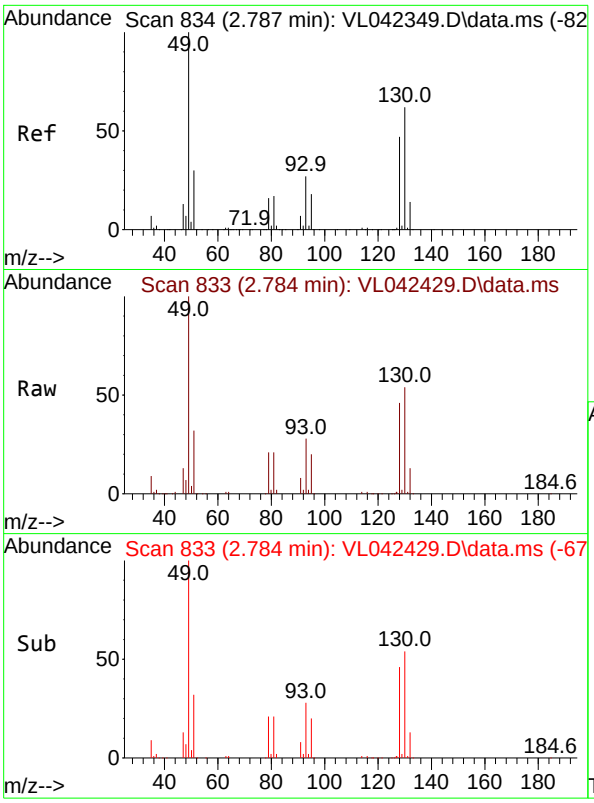


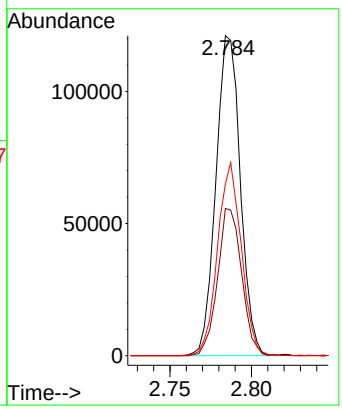


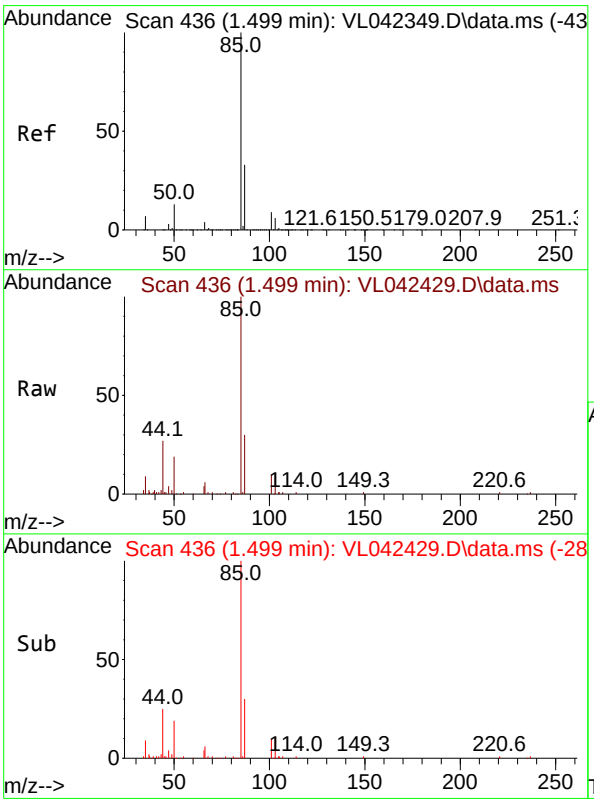
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.784 min Scan# 8
Delta R.T. -0.003 min
Lab File: VL042429.D
Acq: 28 Apr 2025 16:50

Instrument :
MSVOA_L
ClientSampleId :
EBR-P16-SC-AA01-20250422

Tgt Ion: 49 Resp: 126248

Ion	Ratio	Lower	Upper
49	100		
128	45.3	22.8	68.4
130	58.6	29.3	88.0

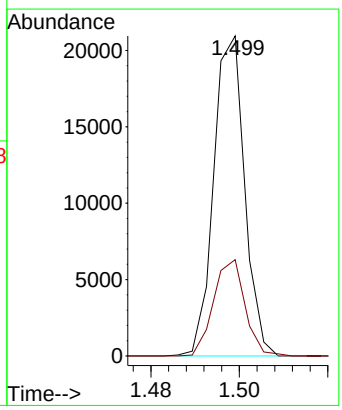


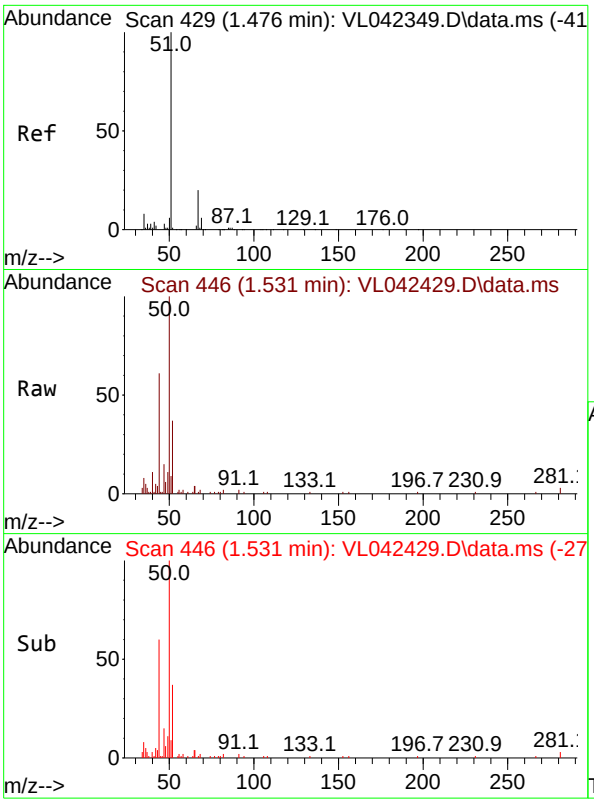


#2
Dichlorodifluoromethane
Concen: 0.456 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.000 min
Lab File: VL042429.D
Acq: 28 Apr 2025 16:50

Tgt Ion: 85 Resp: 10161

Ion	Ratio	Lower	Upper
85	100		
87	30.1	26.6	39.8



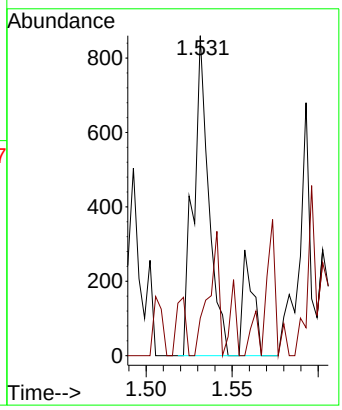


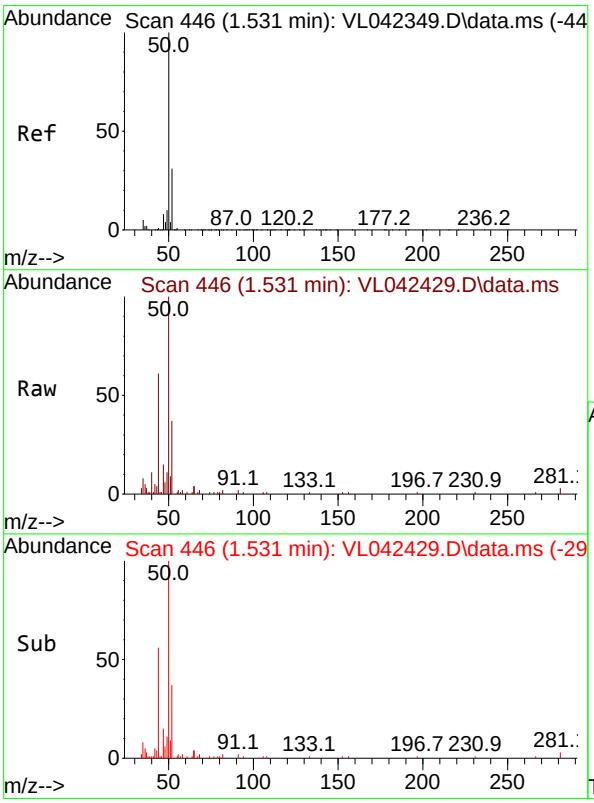
#3
Chlorodifluoromethane
Concen: 0.031 ppbv
RT: 1.531 min Scan# 44
Delta R.T. 0.055 min
Lab File: VL042429.D
Acq: 28 Apr 2025 16:50

Instrument :
MSVOA_L
ClientSampleId :
EBR-P16-SC-AA01-20250422

Tgt Ion: 51 Resp: 656

Ion	Ratio	Lower	Upper
51	100		
67	17.2	16.2	24.4

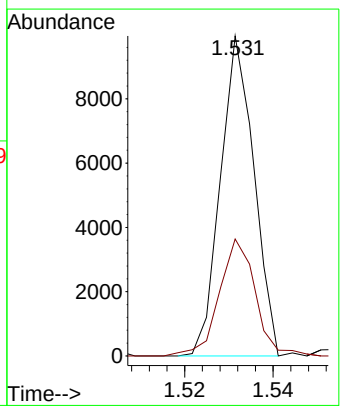


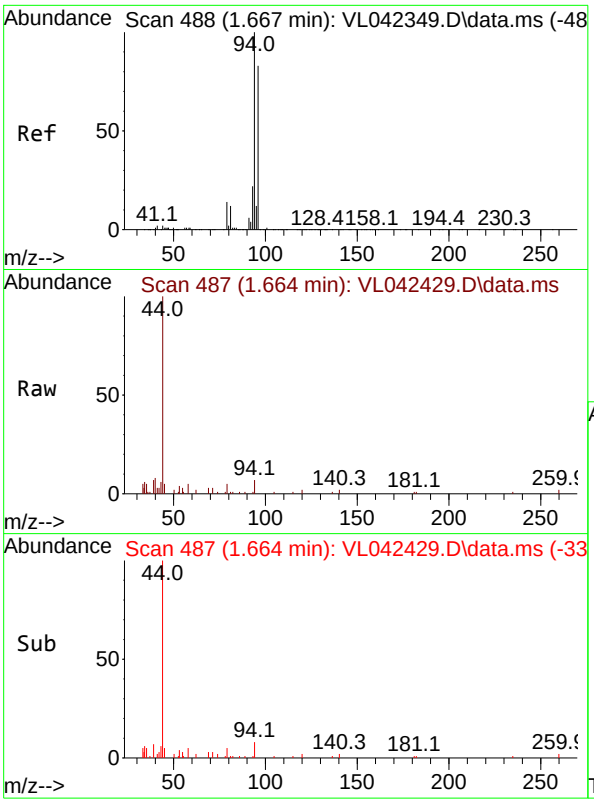


#4
Chloromethane
Concen: 0.594 ppbv
RT: 1.531 min Scan# 446
Delta R.T. 0.000 min
Lab File: VL042429.D
Acq: 28 Apr 2025 16:50

Tgt Ion: 50 Resp: 5240

Ion	Ratio	Lower	Upper
50	100		
52	35.5	24.7	37.1



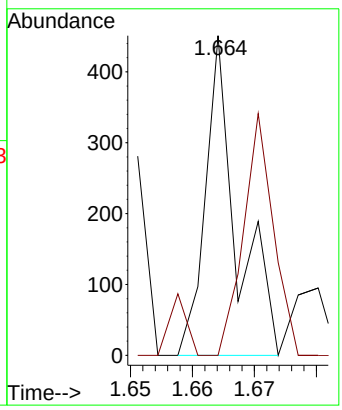


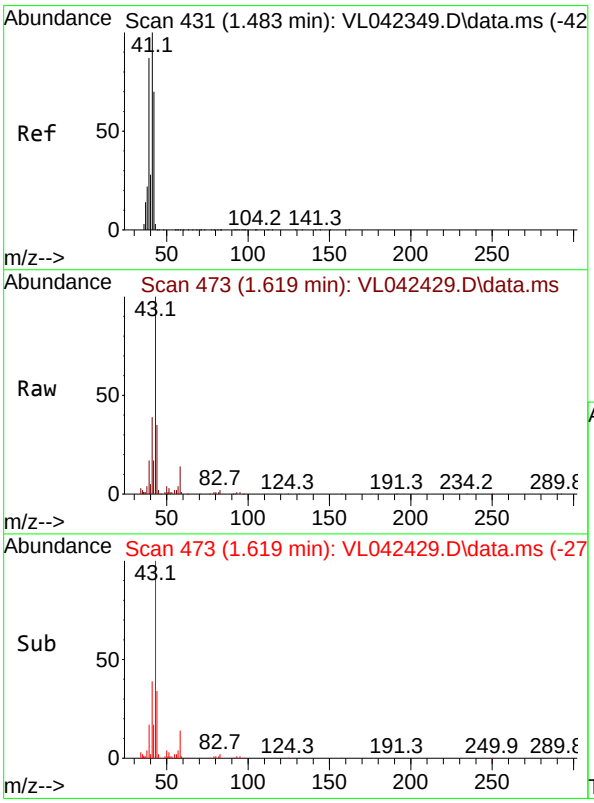
#6
Bromomethane
Concen: 0.038 ppbv
RT: 1.664 min Scan# 4
Delta R.T. -0.003 min
Lab File: VL042429.D
Acq: 28 Apr 2025 16:50

Instrument :
MSVOA_L
ClientSampleId :
EBR-P16-SC-AA01-20250422

Tgt Ion: 94 Resp: 158

Ion	Ratio	Lower	Upper
94	100		
96	0.0	66.2	99.2#

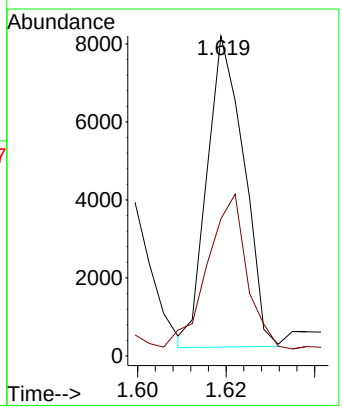


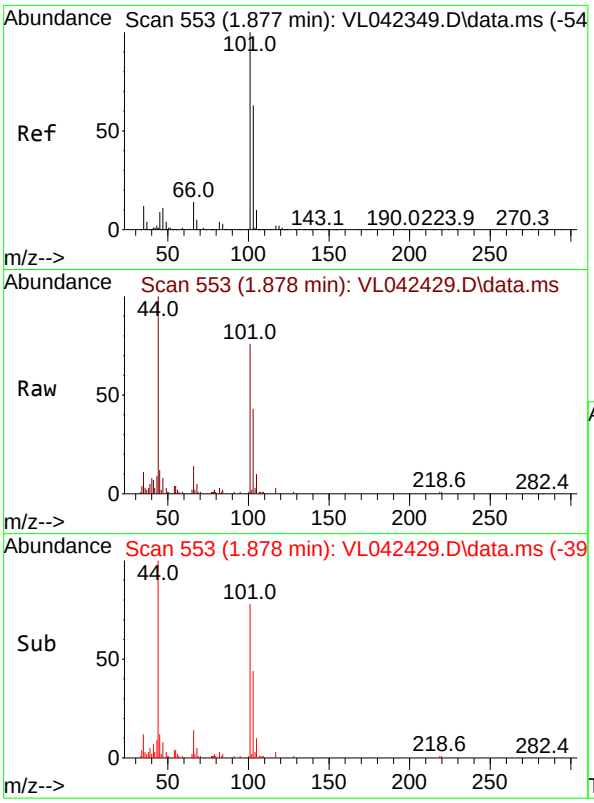


#9
Propene
Concen: 0.476 ppbv
RT: 1.619 min Scan# 473
Delta R.T. 0.136 min
Lab File: VL042429.D
Acq: 28 Apr 2025 16:50

Tgt Ion: 41 Resp: 4604

Ion	Ratio	Lower	Upper
41	100		
42	76.1	56.2	84.4



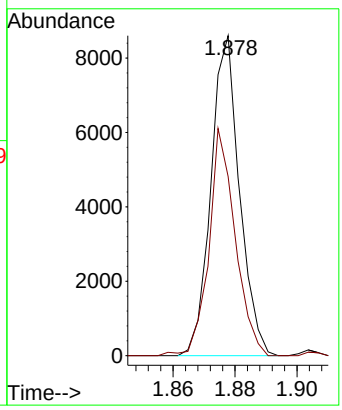


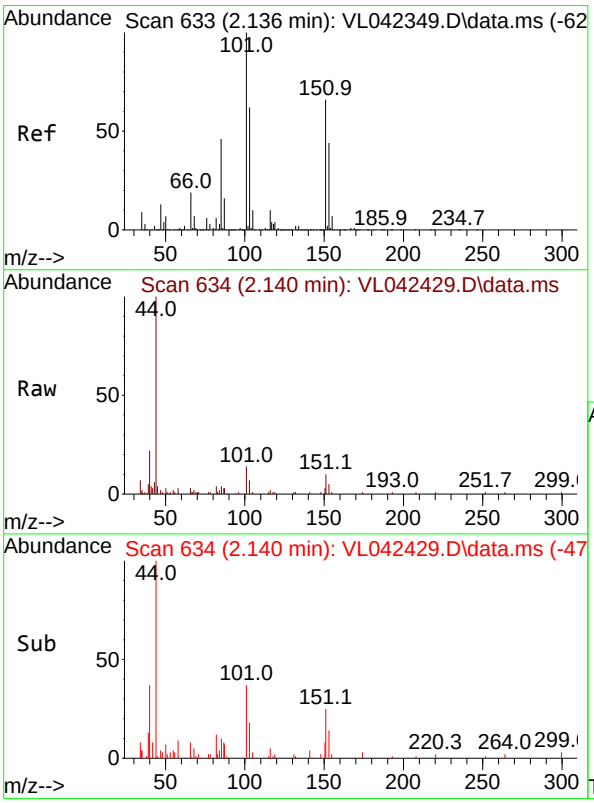
#11
Trichlorofluoromethane
Concen: 0.260 ppbv
RT: 1.878 min Scan# 5
Delta R.T. 0.000 min
Lab File: VL042429.D
Acq: 28 Apr 2025 16:50

Instrument :
MSVOA_L
ClientSampleId :
EBR-P16-SC-AA01-20250422

Tgt Ion:101 Resp: 5511

Ion	Ratio	Lower	Upper
101	100		
103	56.0	50.1	75.1

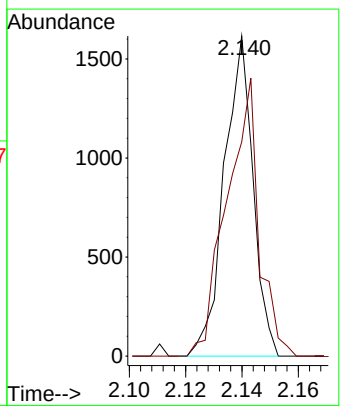


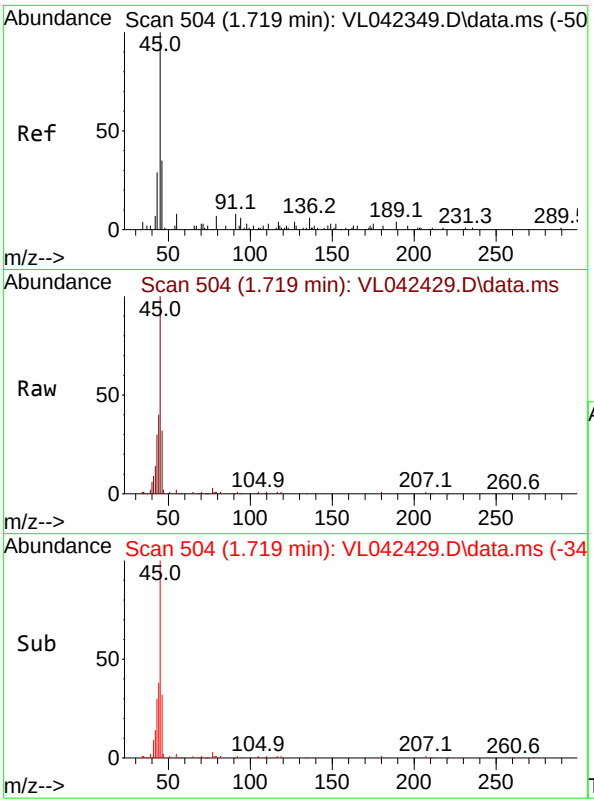


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.066 ppbv
RT: 2.140 min Scan# 634
Delta R.T. 0.004 min
Lab File: VL042429.D
Acq: 28 Apr 2025 16:50

Tgt Ion:101 Resp: 1147

Ion	Ratio	Lower	Upper
101	100		
151	96.7	57.0	85.6#



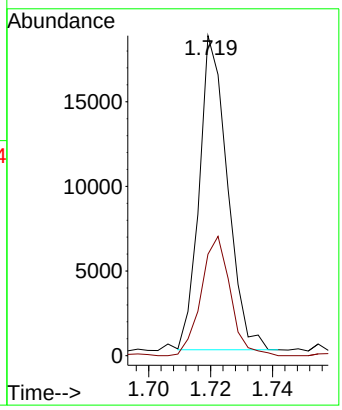


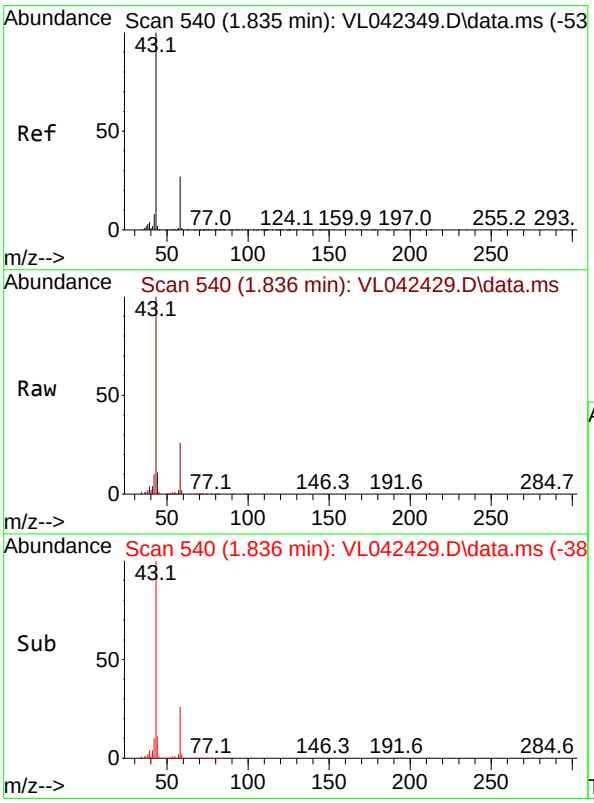
#13
Ethanol
Concen: 7.588 ppbv
RT: 1.719 min Scan# 5
Delta R.T. 0.000 min
Lab File: VL042429.D
Acq: 28 Apr 2025 16:50

Instrument :
MSVOA_L
ClientSampleId :
EBR-P16-SC-AA01-20250422

Tgt Ion: 45 Resp: 11666

Ion	Ratio	Lower	Upper
45	100		
46	0.0	21.9	87.7#

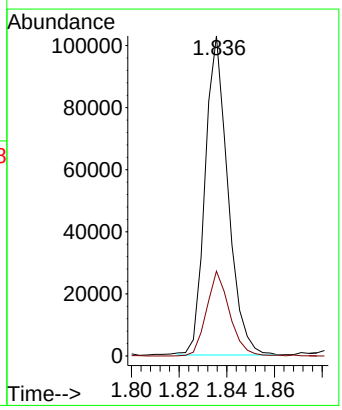


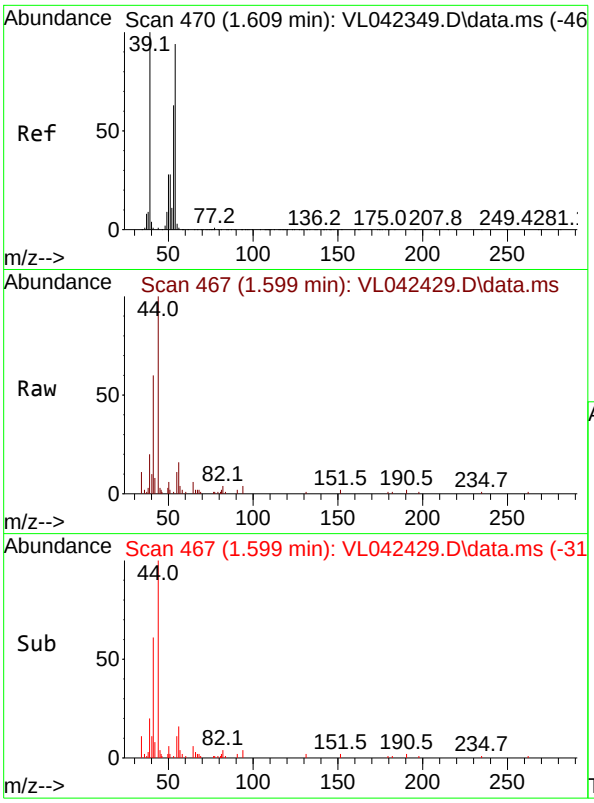


#15
Acetone
Concen: 3.312 ppbv
RT: 1.836 min Scan# 540
Delta R.T. 0.000 min
Lab File: VL042429.D
Acq: 28 Apr 2025 16:50

Tgt Ion: 43 Resp: 68450

Ion	Ratio	Lower	Upper
43	100		
58	27.0	22.4	33.6



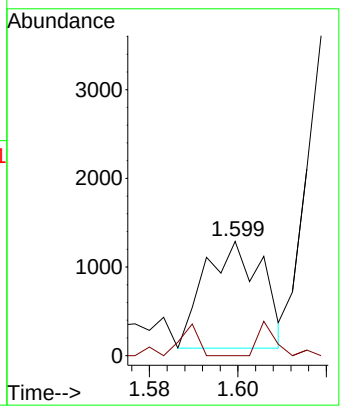


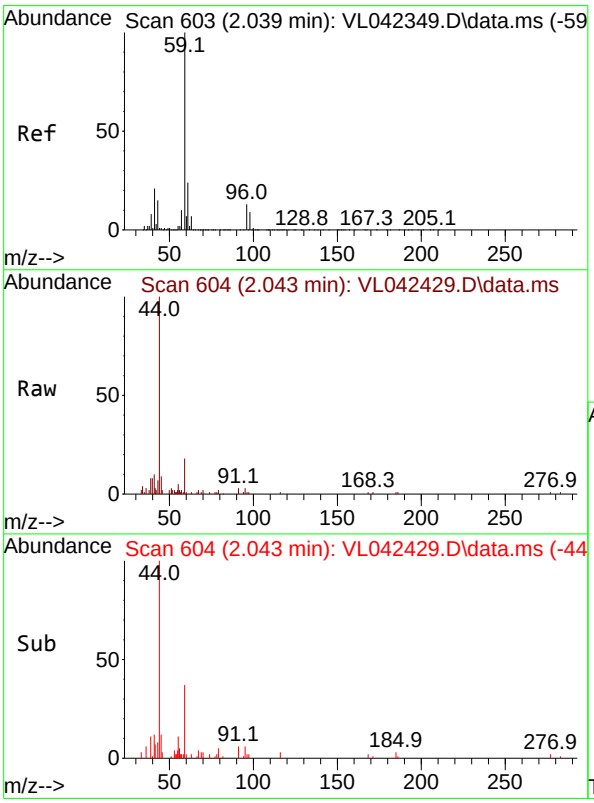
#16
1,3-Butadiene
Concen: 0.110 ppbv
RT: 1.599 min Scan# 4
Delta R.T. -0.009 min
Lab File: VL042429.D
Acq: 28 Apr 2025 16:50

Instrument :
MSVOA_L
ClientSampleId :
EBR-P16-SC-AA01-20250422

Tgt Ion: 39 Resp: 1088

Ion	Ratio	Lower	Upper
39	100		
54	15.1	64.9	97.3#

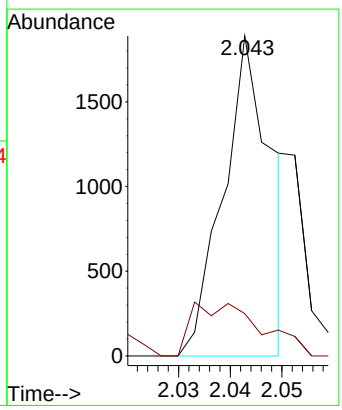


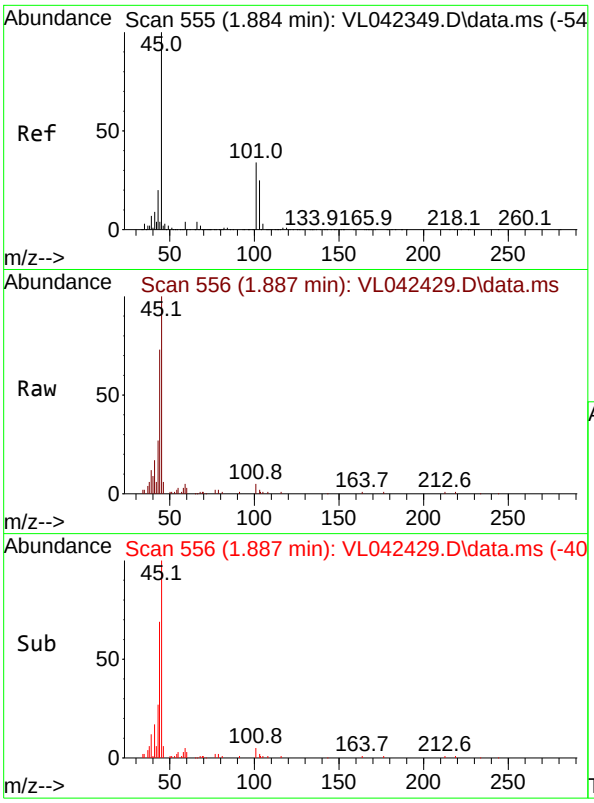


#17
tert-Butyl alcohol
Concen: 0.047 ppbv
RT: 2.043 min Scan# 604
Delta R.T. 0.004 min
Lab File: VL042429.D
Acq: 28 Apr 2025 16:50

Tgt Ion: 59 Resp: 1212

Ion	Ratio	Lower	Upper
59	100		
57	31.9	8.7	13.1#



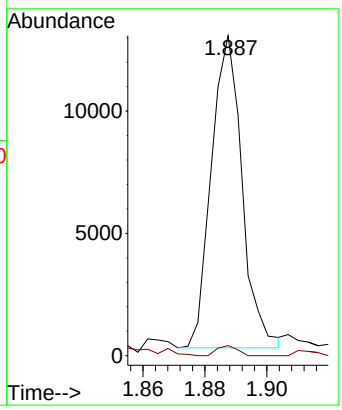


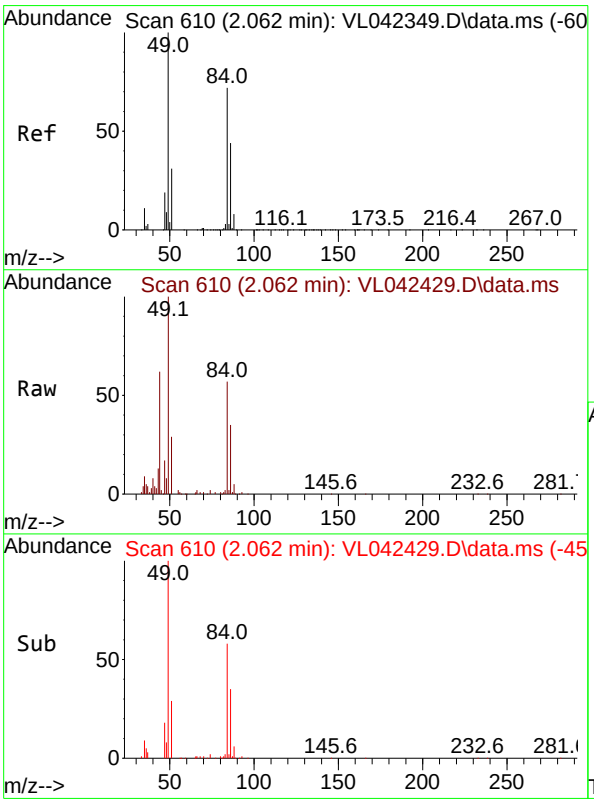
#19
Isopropyl Alcohol
Concen: 0.765 ppbv
RT: 1.887 min Scan# 5
Delta R.T. 0.004 min
Lab File: VL042429.D
Acq: 28 Apr 2025 16:50

Instrument :
MSVOA_L
ClientSampleId :
EBR-P16-SC-AA01-20250422

Tgt Ion: 45 Resp: 8781

Ion	Ratio	Lower	Upper
45	100		
58	210.2	34.5	51.7#

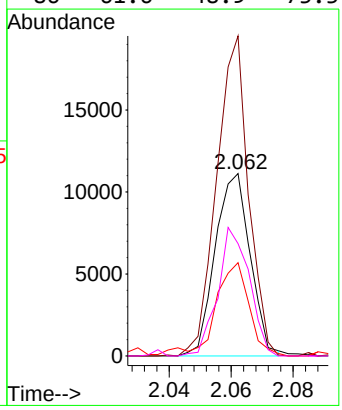


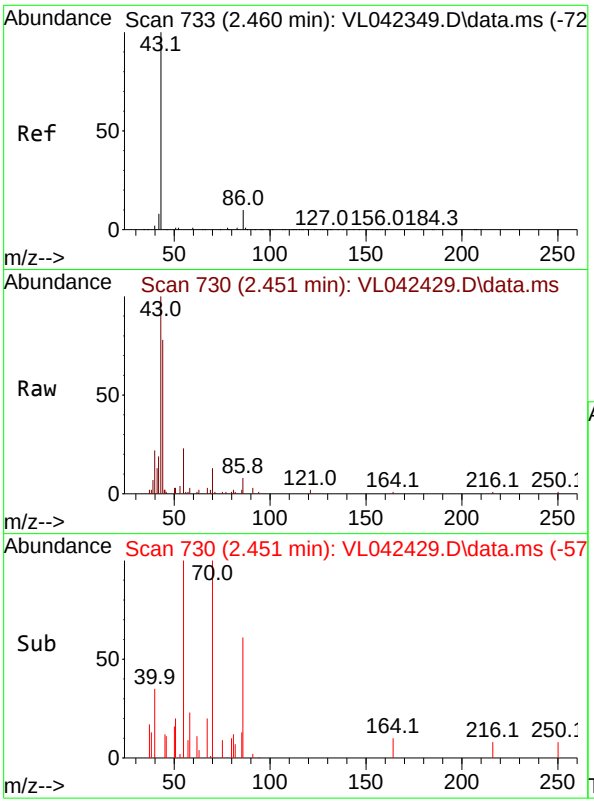


#20
Methylene Chloride
Concen: 1.077 ppbv
RT: 2.062 min Scan# 610
Delta R.T. 0.000 min
Lab File: VL042429.D
Acq: 28 Apr 2025 16:50

Tgt Ion: 84 Resp: 8715

Ion	Ratio	Lower	Upper
84	100		
49	175.4	111.6	167.4#
51	49.7	35.1	52.7
86	61.6	48.9	73.3



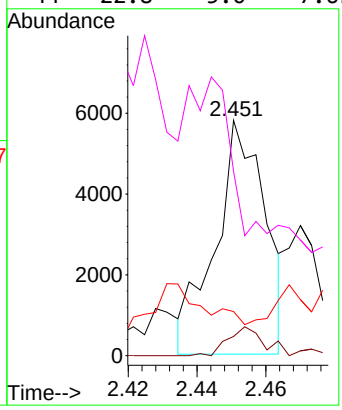


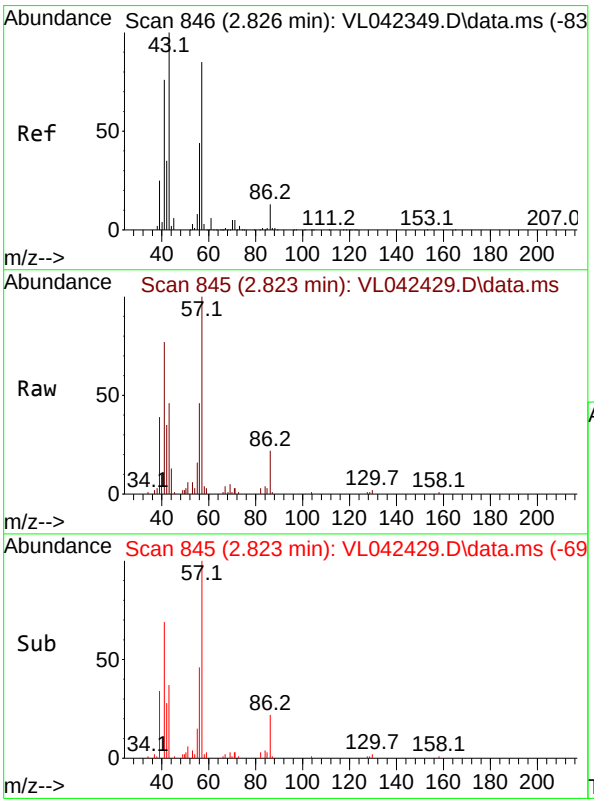
#23
Vinyl Acetate
Concen: 0.695 ppbv
RT: 2.451 min Scan# 7
Delta R.T. -0.009 min
Lab File: VL042429.D
Acq: 28 Apr 2025 16:50

Instrument :
MSVOA_L
ClientSampleId :
EBR-P16-SC-AA01-20250422

Tgt Ion: 43 Resp: 5810

Ion	Ratio	Lower	Upper
43	100		
86	9.7	6.5	9.7
42	0.0	7.8	11.8#
44	22.8	5.0	7.6#

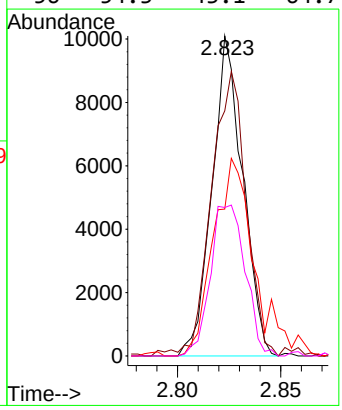


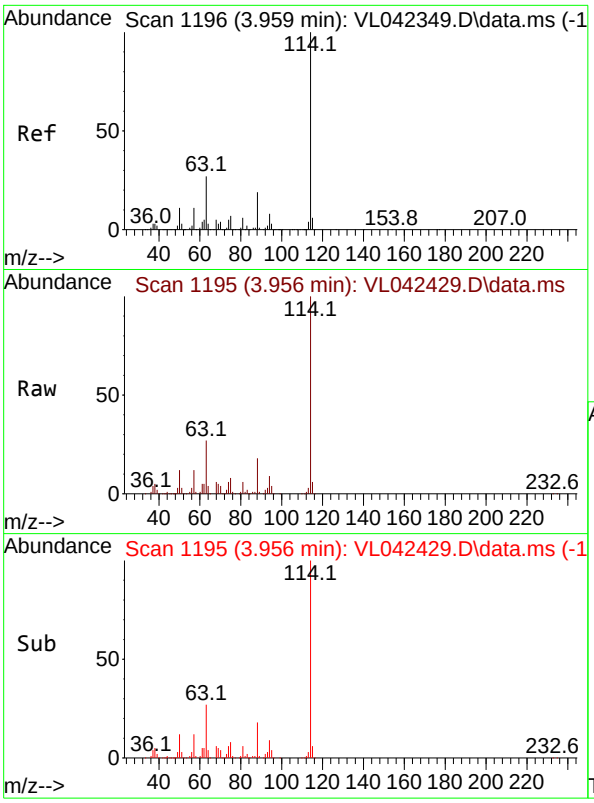


#26
Hexane
Concen: 0.506 ppbv
RT: 2.823 min Scan# 845
Delta R.T. -0.003 min
Lab File: VL042429.D
Acq: 28 Apr 2025 16:50

Tgt Ion: 57 Resp: 10435

Ion	Ratio	Lower	Upper
57	100		
41	102.3	77.9	116.9
43	83.9	208.4	312.6#
56	54.3	43.1	64.7



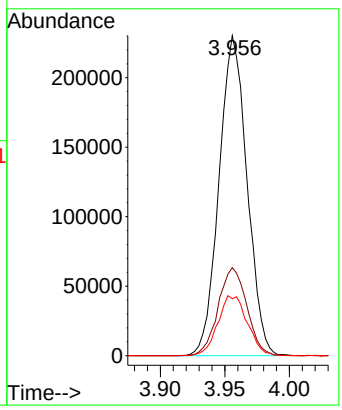


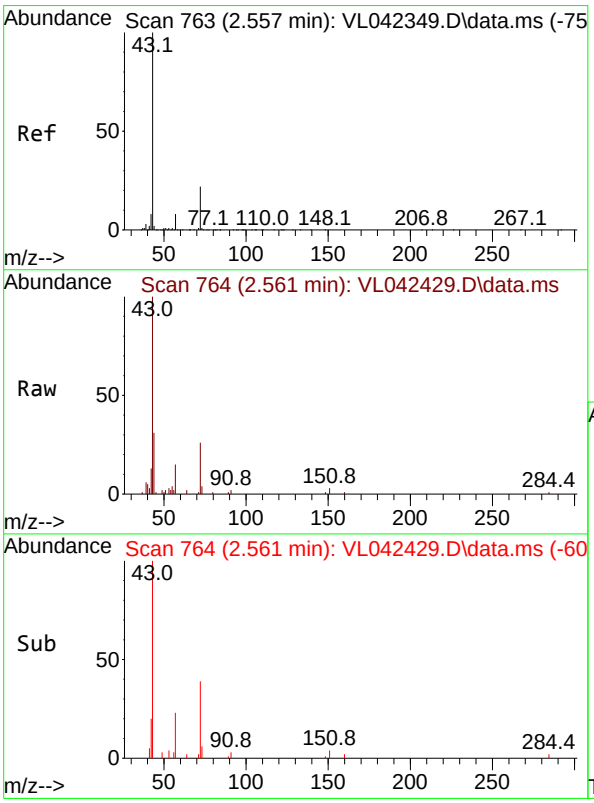
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.956 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL042429.D
Acq: 28 Apr 2025 16:50

Instrument :
MSVOA_L
ClientSampleId :
EBR-P16-SC-AA01-20250422

Tgt Ion:114 Resp: 347099

Ion	Ratio	Lower	Upper
114	100		
63	28.2	21.8	32.6
88	19.7	15.5	23.3

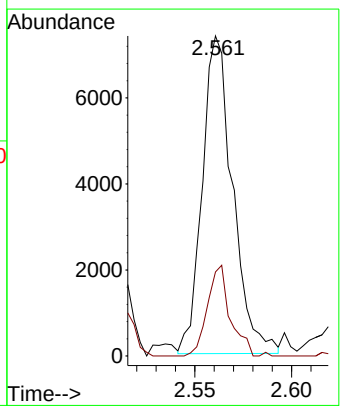


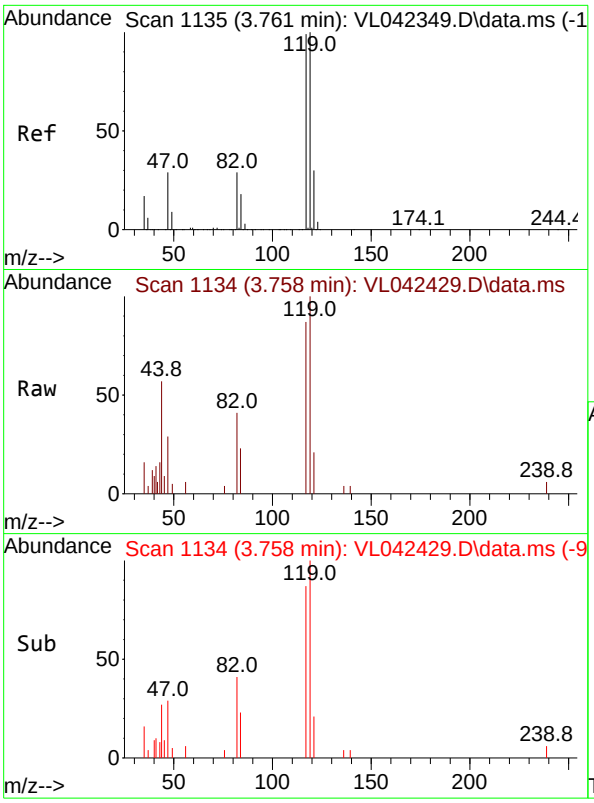


#34
2-Butanone
Concen: 0.294 ppbv
RT: 2.561 min Scan# 764
Delta R.T. 0.004 min
Lab File: VL042429.D
Acq: 28 Apr 2025 16:50

Tgt Ion: 43 Resp: 8080

Ion	Ratio	Lower	Upper
43	100		
72	21.5	18.2	27.2



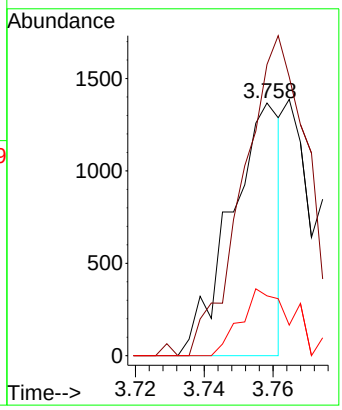


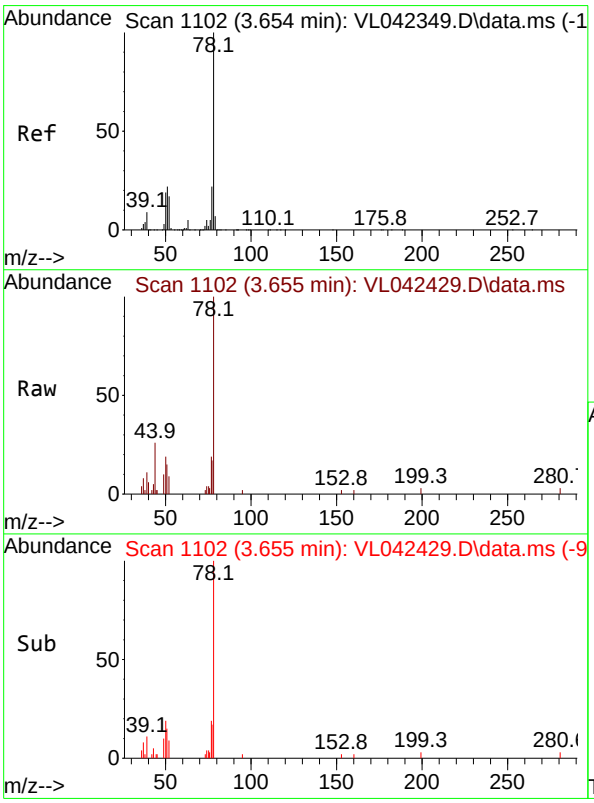
#35
Carbon Tetrachloride
Concen: 0.043 ppbv
RT: 3.758 min Scan# 1
Delta R.T. -0.003 min
Lab File: VL042429.D
Acq: 28 Apr 2025 16:50

Instrument :
MSVOA_L
ClientSampleId :
EBR-P16-SC-AA01-20250422

Tgt Ion:117 Resp: 1361

Ion	Ratio	Lower	Upper
117	100		
119	115.3	80.5	120.7
121	23.7	24.2	36.2#

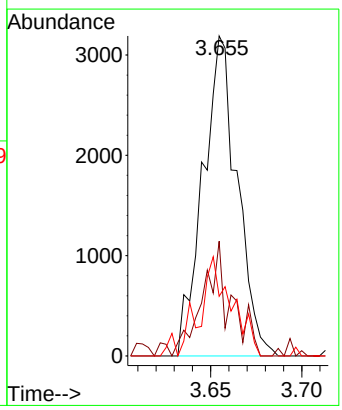


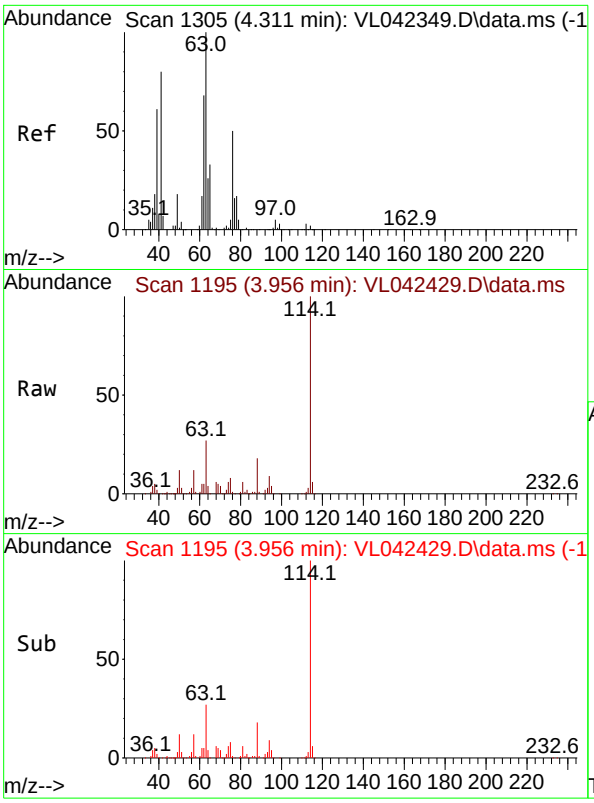


#36
Benzene
Concen: 0.112 ppbv
RT: 3.655 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VL042429.D
Acq: 28 Apr 2025 16:50

Tgt Ion: 78 Resp: 4175

Ion	Ratio	Lower	Upper
78	100		
77	33.5	17.4	26.0#
50	33.6	15.5	23.3#



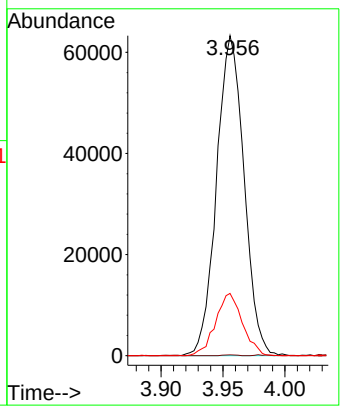


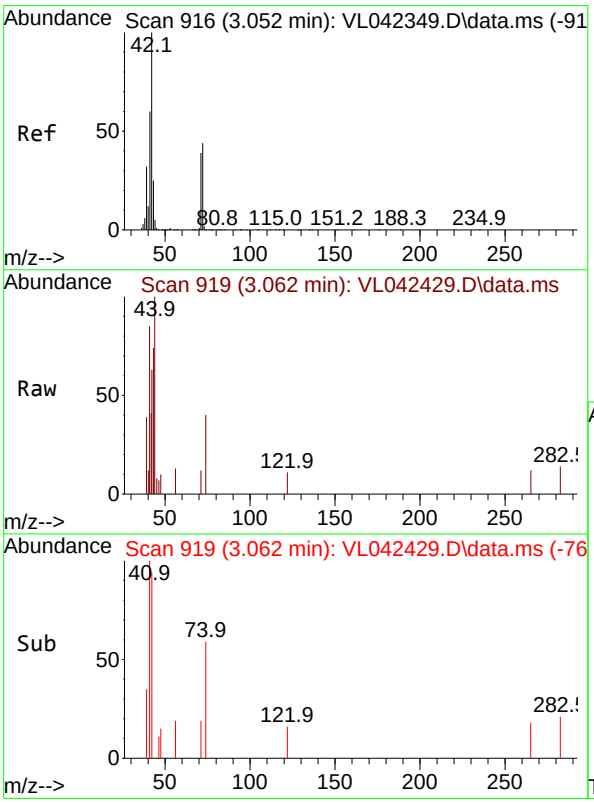
#39
1,2-Dichloropropane
Concen: 7.005 ppbv
RT: 3.956 min Scan# 11
Delta R.T. -0.356 min
Lab File: VL042429.D
Acq: 28 Apr 2025 16:50

Instrument :
MSVOA_L
ClientSampleId :
EBR-P16-SC-AA01-20250422

Tgt Ion: 63 Resp: 97726

Ion	Ratio	Lower	Upper
63	100		
41	0.1	64.2	96.2#
62	19.5	54.3	81.5#

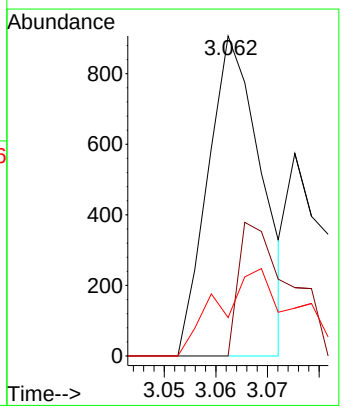


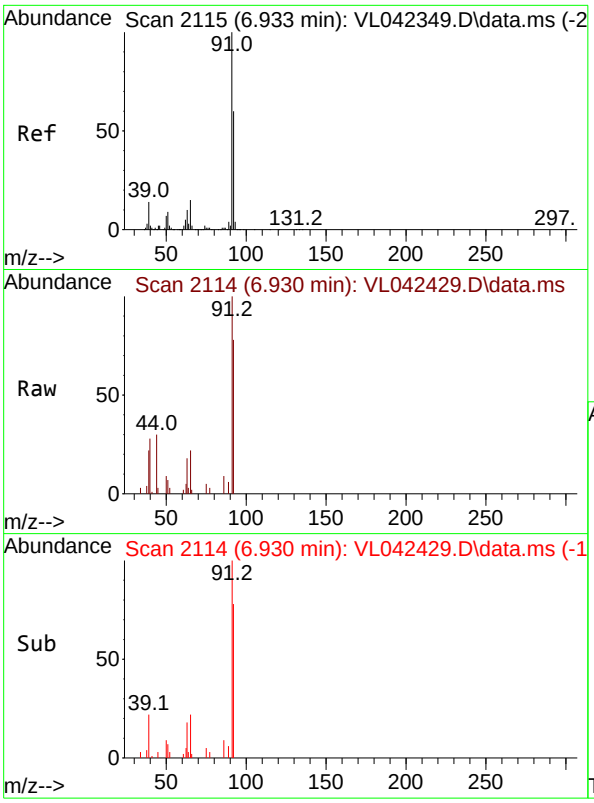


#41
Tetrahydrofuran
Concen: 0.041 ppbv
RT: 3.062 min Scan# 919
Delta R.T. 0.010 min
Lab File: VL042429.D
Acq: 28 Apr 2025 16:50

Tgt Ion: 42 Resp: 653

Ion	Ratio	Lower	Upper
42	100		
72	39.7	32.3	48.5
71	41.7	31.4	47.2



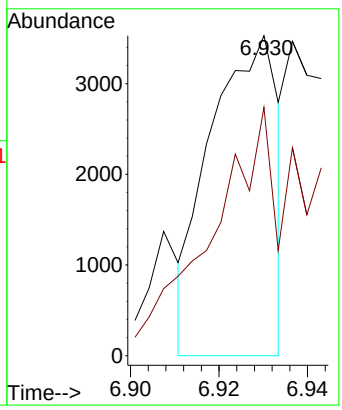


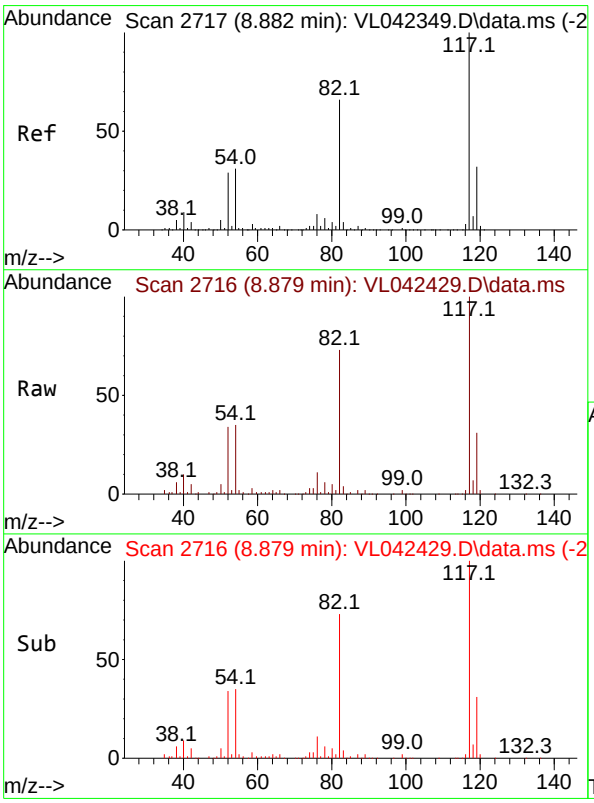
#53
Toluene
Concen: 0.084 ppbv
RT: 6.930 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL042429.D
Acq: 28 Apr 2025 16:50

Instrument :
MSVOA_L
ClientSampleId :
EBR-P16-SC-AA01-20250422

Tgt Ion: 91 Resp: 3755

Ion	Ratio	Lower	Upper
91	100		
92	122.1	48.2	72.4#

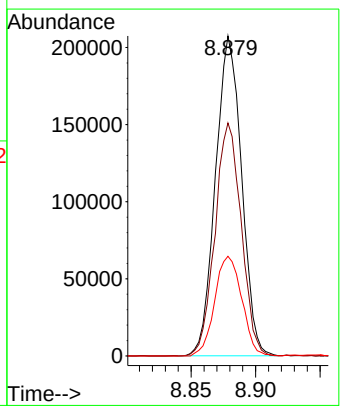


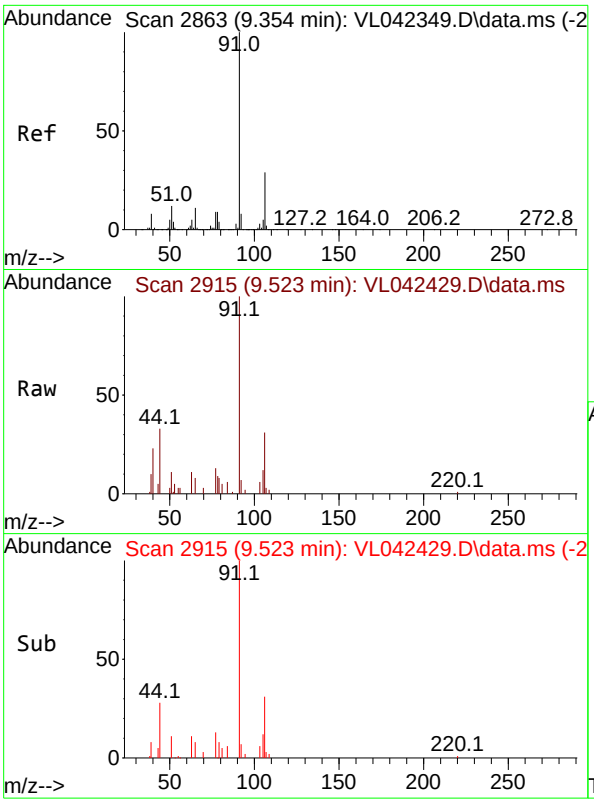


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.879 min Scan# 2716
Delta R.T. -0.003 min
Lab File: VL042429.D
Acq: 28 Apr 2025 16:50

Tgt Ion:117 Resp: 291241

Ion	Ratio	Lower	Upper
117	100		
82	73.3	57.8	86.6
119	32.3	25.2	37.8



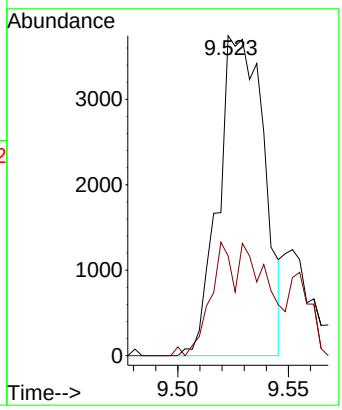


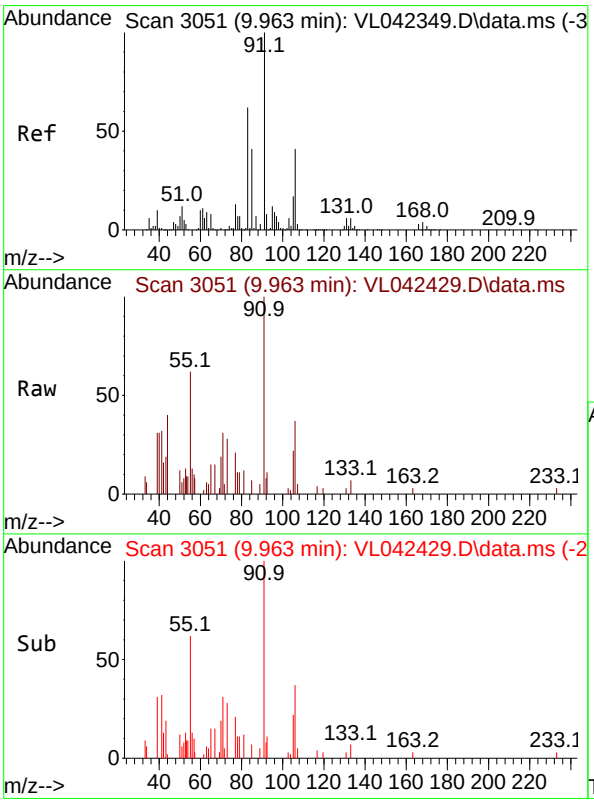
#58
Ethyl Benzene
Concen: 0.093 ppbv
RT: 9.523 min Scan# 2
Delta R.T. 0.169 min
Lab File: VL042429.D
Acq: 28 Apr 2025 16:50

Instrument :
MSVOA_L
ClientSampleId :
EBR-P16-SC-AA01-20250422

Tgt Ion: 91 Resp: 5348

Ion	Ratio	Lower	Upper
91	100		
106	28.4	23.0	34.4

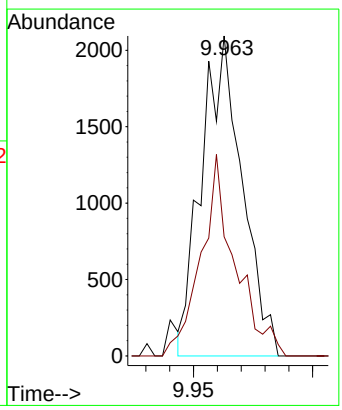


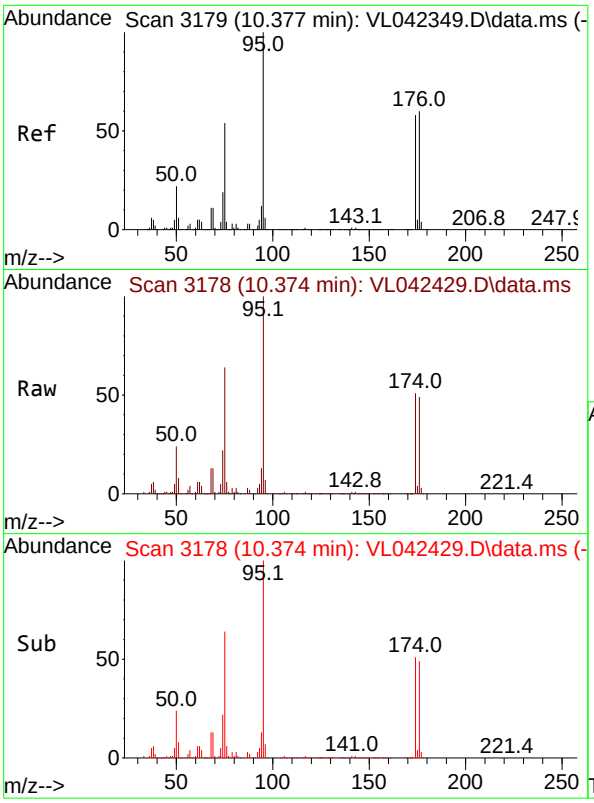


#60
o-Xylene
Concen: 0.053 ppbv
RT: 9.963 min Scan# 3051
Delta R.T. 0.000 min
Lab File: VL042429.D
Acq: 28 Apr 2025 16:50

Tgt Ion: 91 Resp: 2489

Ion	Ratio	Lower	Upper
91	100		
106	52.3	21.1	63.4



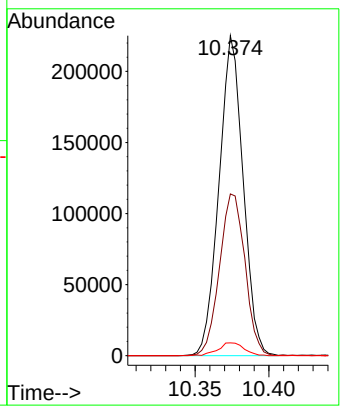


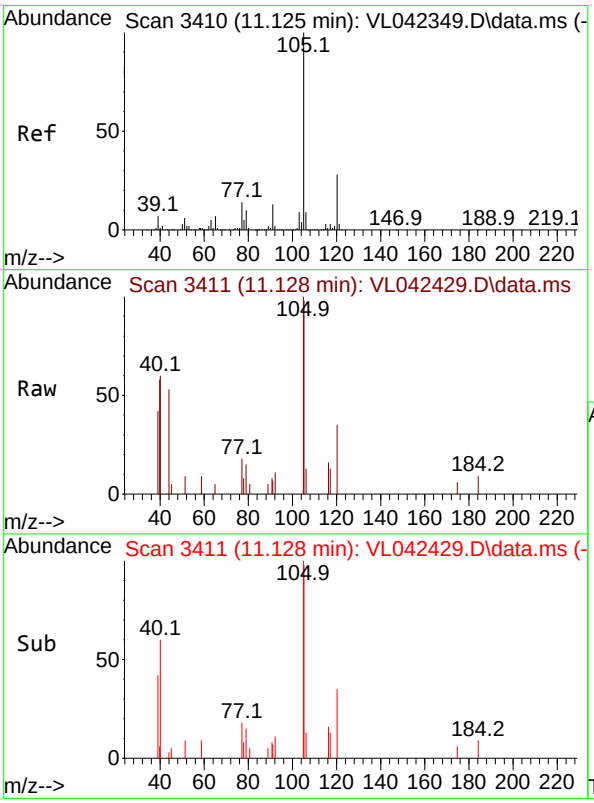
#68
1-Bromo-4-Fluorobenzene
Concen: 10.693 ppbv
RT: 10.374 min Scan# 3
Delta R.T. -0.003 min
Lab File: VL042429.D
Acq: 28 Apr 2025 16:50

Instrument :
MSVOA_L
ClientSampleId :
EBR-P16-SC-AA01-20250422

Tgt Ion: 95 Resp: 255913

Ion	Ratio	Lower	Upper
95	100		
174	53.6	48.5	72.7
175	4.4	3.7	5.5

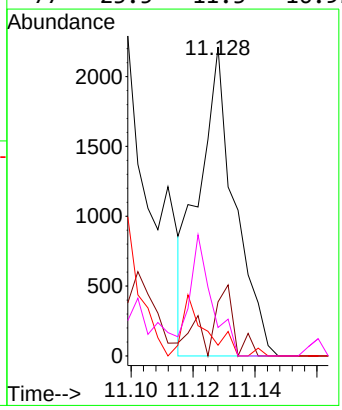


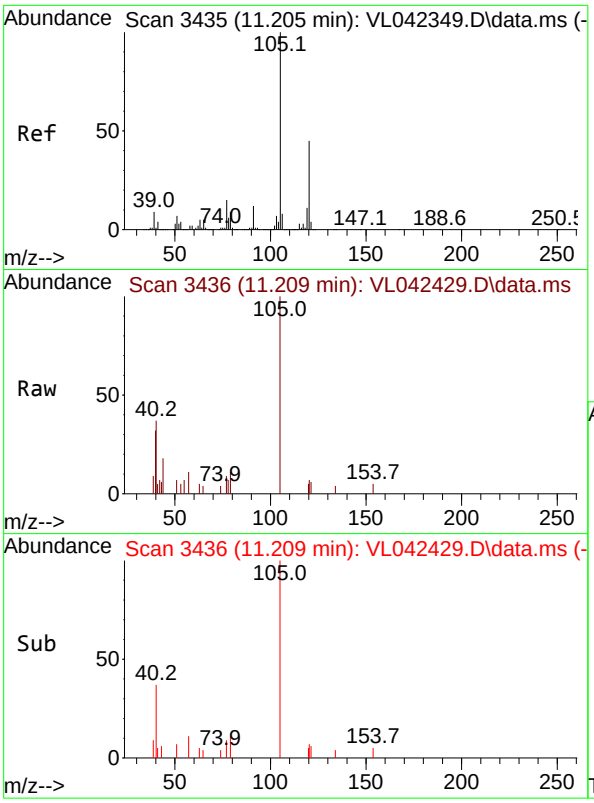


#72
4-Ethyltoluene
Concen: 0.031 ppbv
RT: 11.128 min Scan# 3411
Delta R.T. 0.004 min
Lab File: VL042429.D
Acq: 28 Apr 2025 16:50

Tgt Ion:105 Resp: 1787

Ion	Ratio	Lower	Upper
105	100		
120	0.0	23.2	34.8#
91	0.0	10.4	15.6#
77	23.5	11.3	16.9#



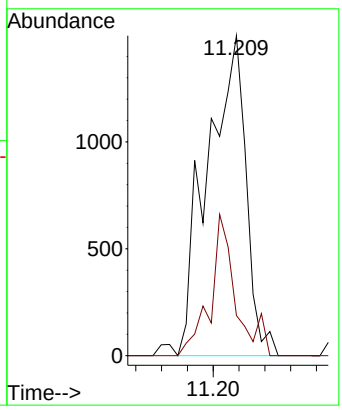


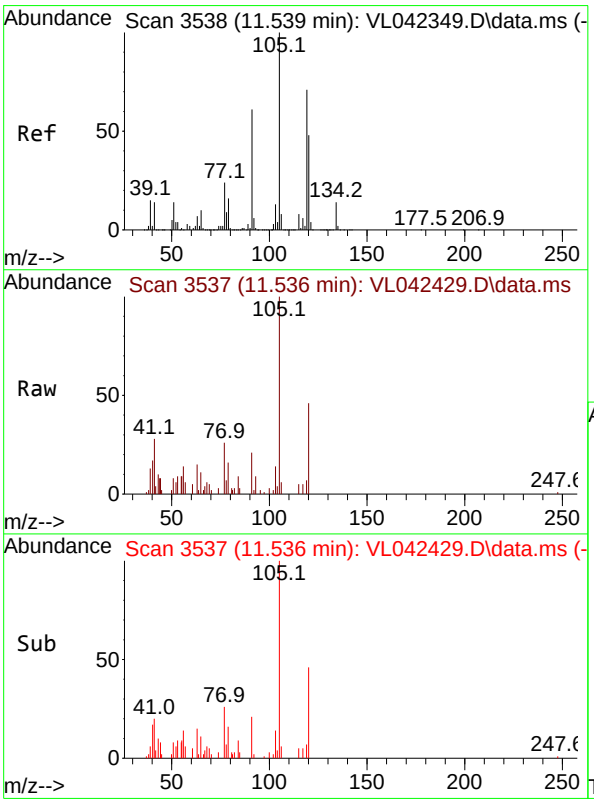
#73
1,3,5-Trimethylbenzene
Concen: 0.031 ppbv
RT: 11.209 min Scan# 34
Delta R.T. 0.004 min
Lab File: VL042429.D
Acq: 28 Apr 2025 16:50

Instrument :
MSVOA_L
ClientSampleId :
EBR-P16-SC-AA01-20250422

Tgt Ion:105 Resp: 1554

Ion	Ratio	Lower	Upper
105	100		
120	12.6	35.6	53.4#





#74
1,2,4-Trimethylbenzene
Concen: 0.084 ppbv
RT: 11.536 min Scan# 3537
Delta R.T. -0.003 min
Lab File: VL042429.D
Acq: 28 Apr 2025 16:50

Tgt Ion:105 Resp: 4974

Ion	Ratio	Lower	Upper
105	100		
120	45.7	38.1	57.1
91	20.5	48.8	73.2#
77	26.1	19.0	28.4