

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042925\
 Data File : VL042441.D
 Acq On : 29 Apr 2025 12:02
 Operator : SY/MD
 Sample : Q1880-07DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 EBR-P16-SC-SS01-20250422DL

Quant Time: Apr 30 01:19:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri 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)

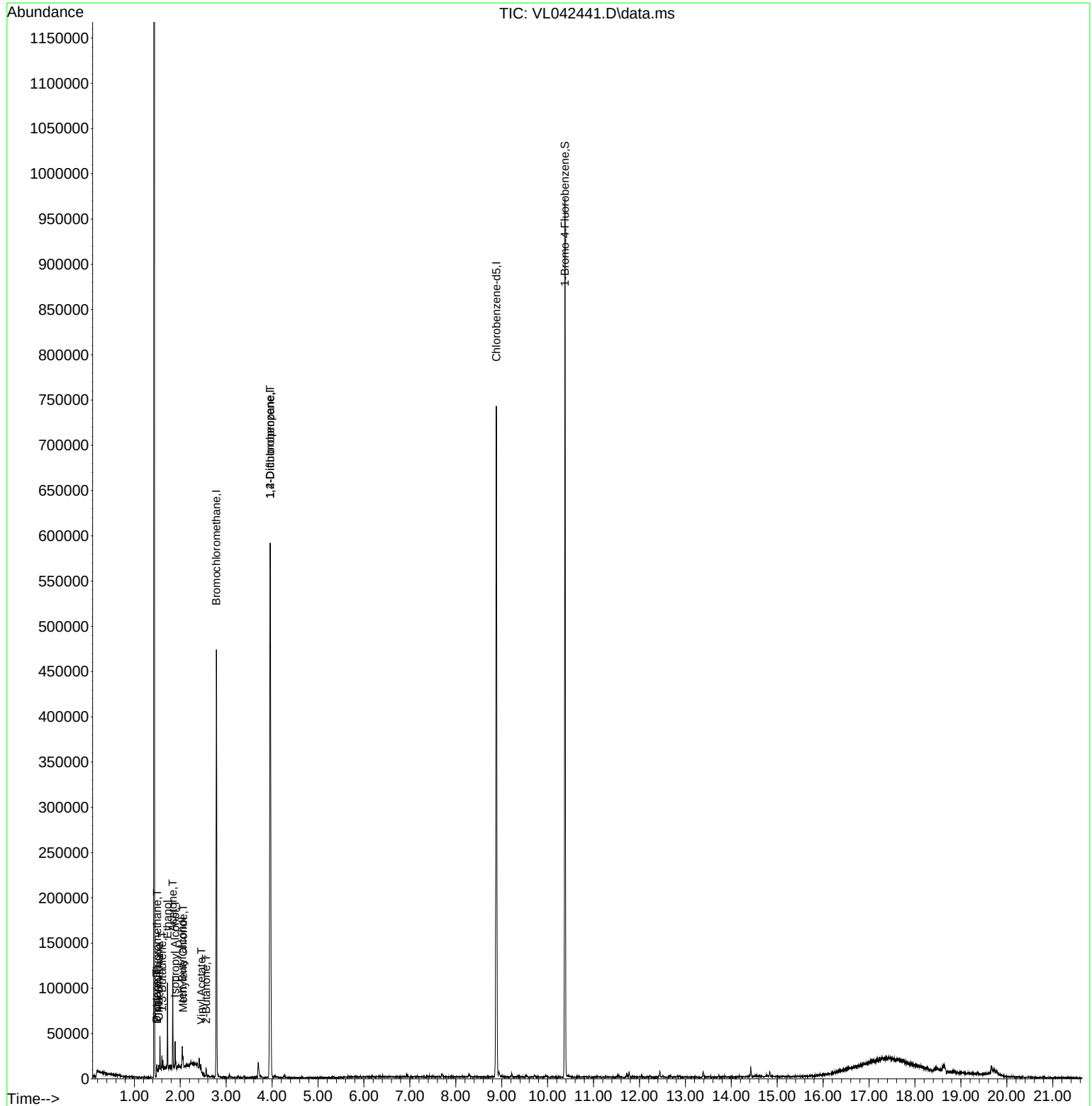
Internal Standards						
1) Bromochloromethane	2.787	49	120274	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.959	114	315854	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.882	117	264275	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	230129	10.597	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.499	85	1065	0.050	ppbv #	85
4) Chloromethane	1.531	50	715	0.085	ppbv #	61
9) Propene	1.486	41	1476	0.160	ppbv #	74
13) Ethanol	1.722	45	29902	20.415	ppbv	77
15) Acetone	1.836	43	43049	2.186	ppbv	97
16) 1,3-Butadiene	1.603	39	2006	0.213	ppbv #	9
17) tert-Butyl alcohol	2.043	59	8565	0.351	ppbv #	82
19) Isopropyl Alcohol	1.887	45	12664	1.158	ppbv #	27
20) Methylene Chloride	2.062	84	1511	0.196	ppbv #	86
23) Vinyl Acetate	2.457	43	1687	0.212	ppbv #	34
34) 2-Butanone	2.561	43	6230	0.249	ppbv	96
39) 1,2-Dichloropropane	3.959	63	90258	7.110	ppbv #	23

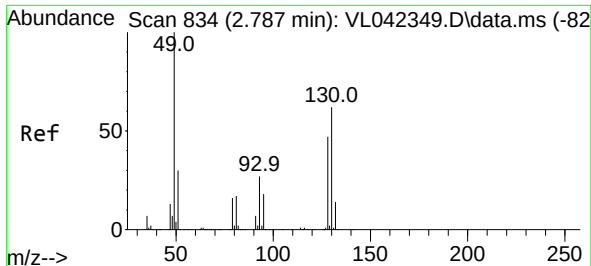
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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EBR-P16-SC-SS01-20250422DL

Quant Time: Apr 30 01:19:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Fri Apr 18 02:14:00 2025
Response via : Initial Calibration

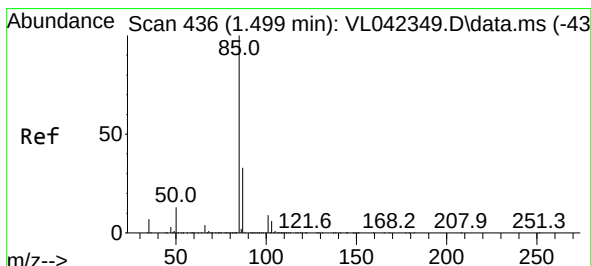
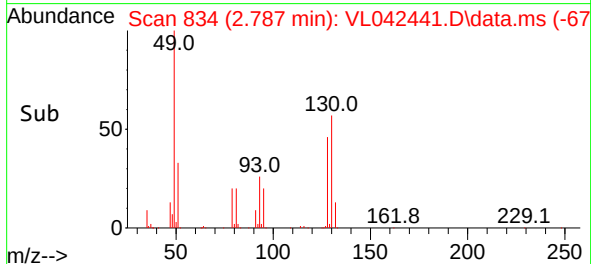
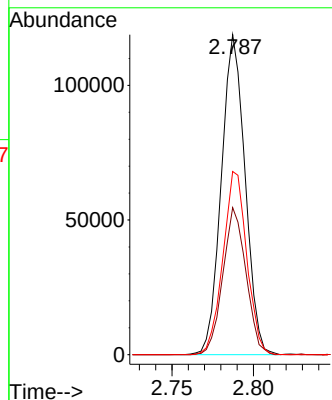
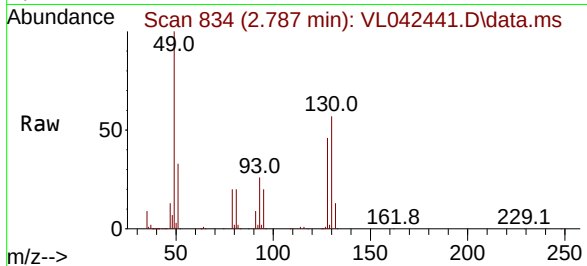




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 834
Delta R.T. 0.000 min
Lab File: VL042441.D
Acq: 29 Apr 2025 12:02

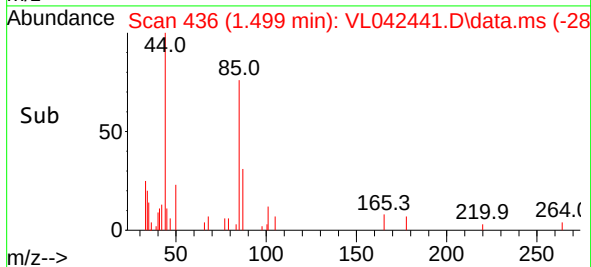
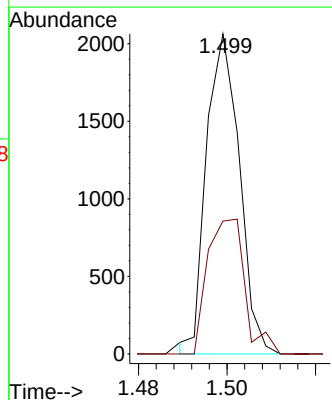
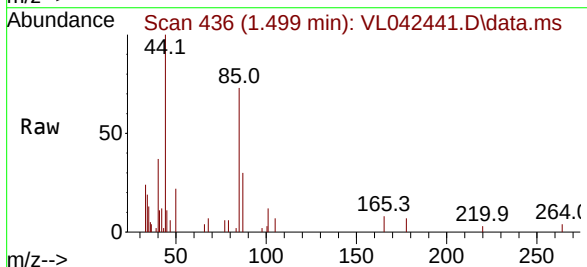
Instrument :
MSVOA_L
ClientSampleId :
EBR-P16-SC-SS01-20250422DL

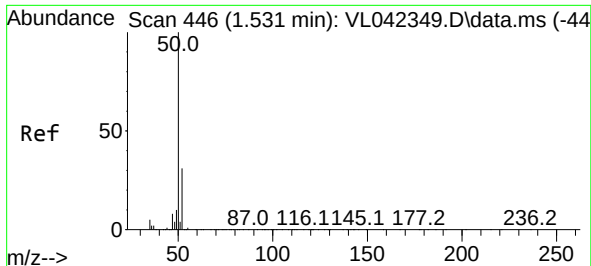
Tgt Ion: 49 Resp: 120274
Ion Ratio Lower Upper
49 100
128 44.8 22.8 68.4
130 57.5 29.3 88.0



#2
Dichlorodifluoromethane
Concen: 0.050 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.000 min
Lab File: VL042441.D
Acq: 29 Apr 2025 12:02

Tgt Ion: 85 Resp: 1065
Ion Ratio Lower Upper
85 100
87 41.5 26.6 39.8

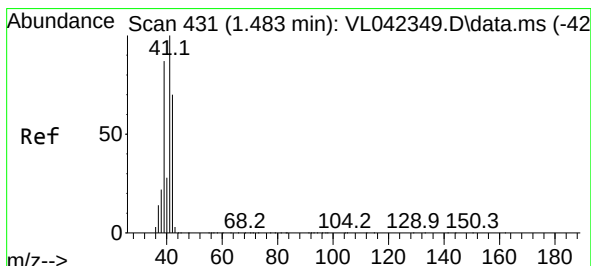
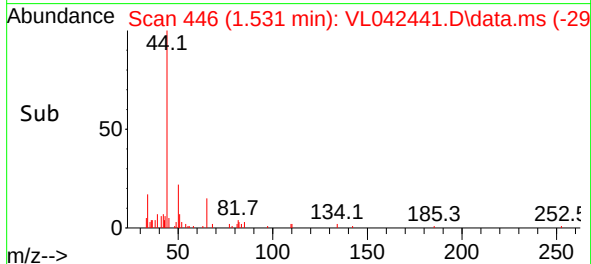
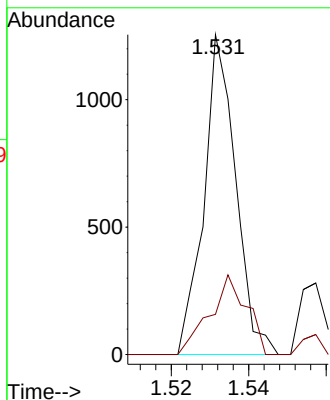
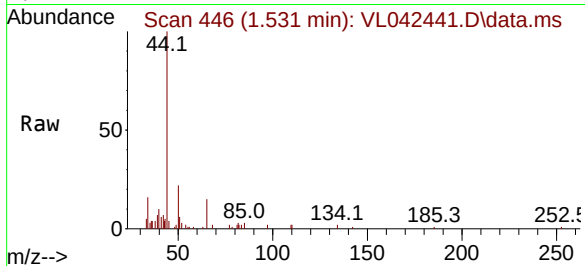




#4
Chloromethane
Concen: 0.085 ppbv
RT: 1.531 min Scan# 446
Delta R.T. 0.000 min
Lab File: VL042441.D
Acq: 29 Apr 2025 12:02

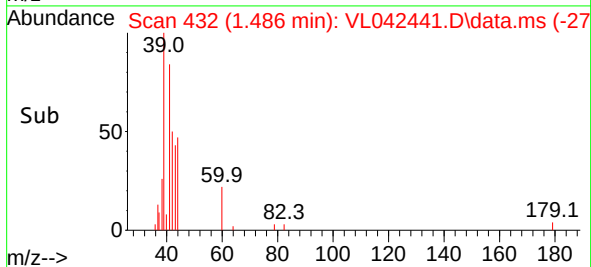
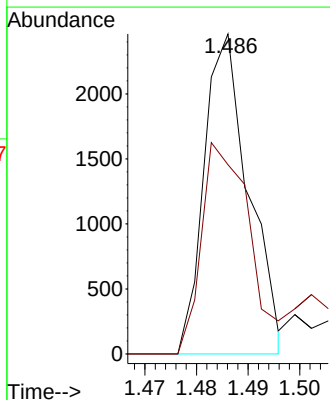
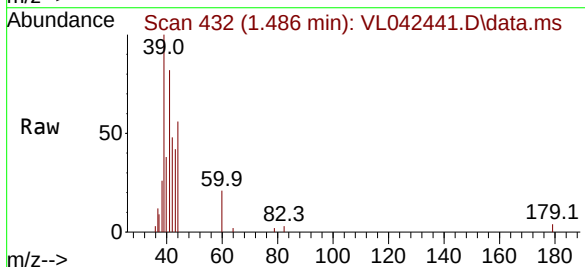
Instrument : MSVOA_L
ClientSampleId : EBR-P16-SC-SS01-20250422DL

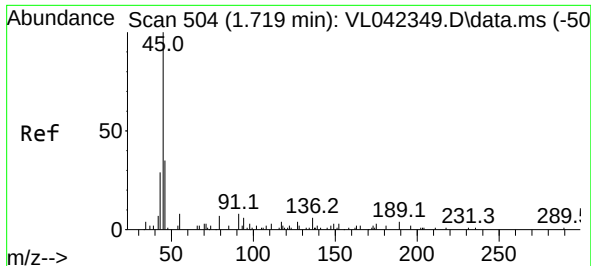
Tgt Ion: 50 Resp: 715
Ion Ratio Lower Upper
50 100
52 9.7 24.7 37.1#



#9
Propene
Concen: 0.160 ppbv
RT: 1.486 min Scan# 432
Delta R.T. 0.004 min
Lab File: VL042441.D
Acq: 29 Apr 2025 12:02

Tgt Ion: 41 Resp: 1476
Ion Ratio Lower Upper
41 100
42 92.0 56.2 84.4#

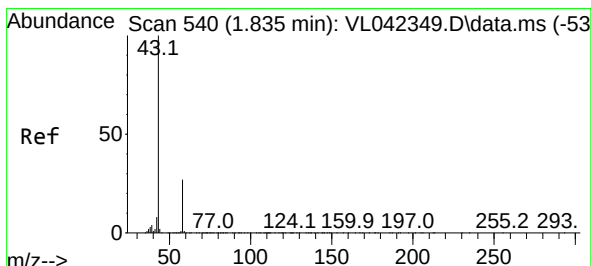
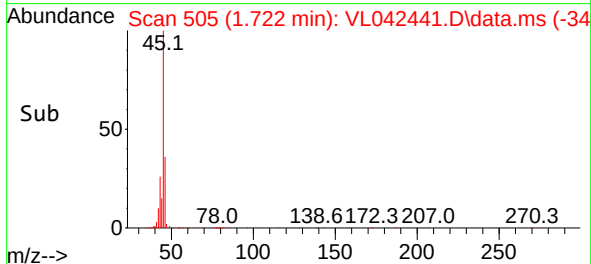
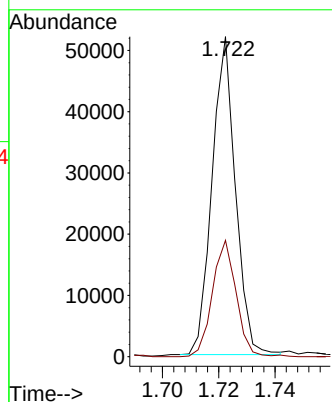
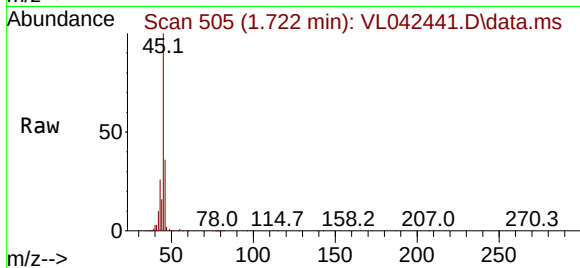




#13
Ethanol
Concen: 20.415 ppbv
RT: 1.722 min Scan# 504
Delta R.T. 0.004 min
Lab File: VL042441.D
Acq: 29 Apr 2025 12:02

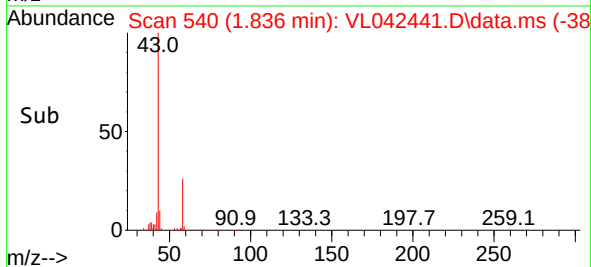
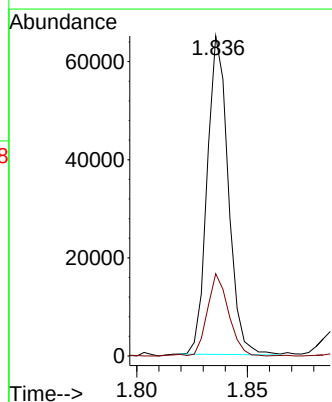
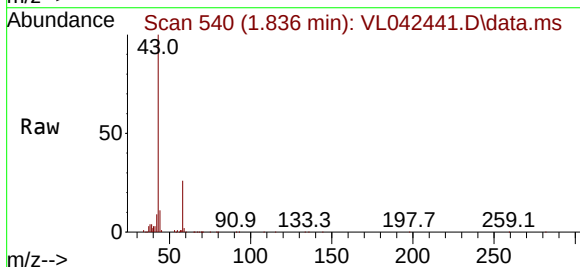
Instrument :
MSVOA_L
ClientSampleId :
EBR-P16-SC-SS01-20250422DL

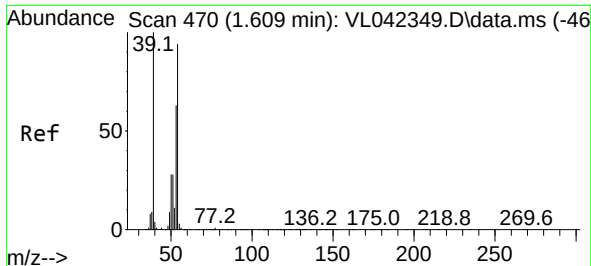
Tgt Ion: 45 Resp: 29902
Ion Ratio Lower Upper
45 100
46 37.9 21.9 87.7



#15
Acetone
Concen: 2.186 ppbv
RT: 1.836 min Scan# 540
Delta R.T. 0.000 min
Lab File: VL042441.D
Acq: 29 Apr 2025 12:02

Tgt Ion: 43 Resp: 43049
Ion Ratio Lower Upper
43 100
58 26.5 22.4 33.6

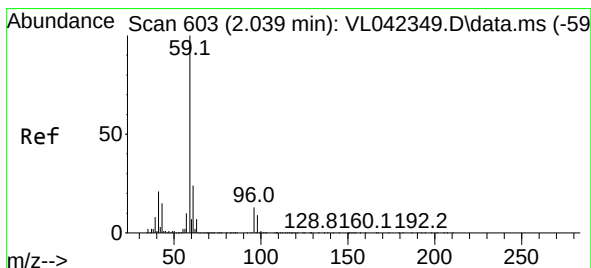
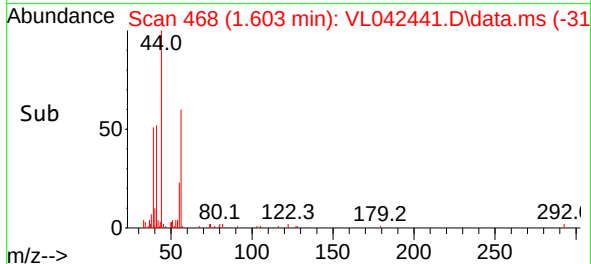
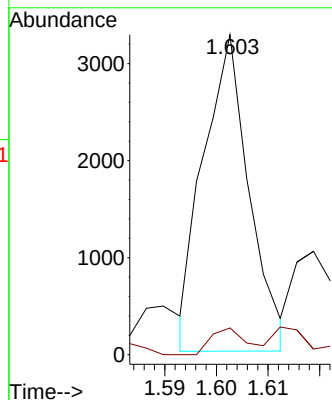
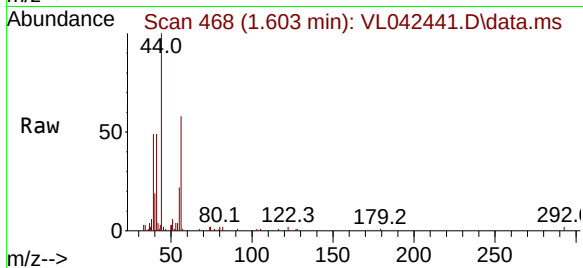




#16
1,3-Butadiene
Concen: 0.213 ppbv
RT: 1.603 min Scan# 41
Delta R.T. -0.006 min
Lab File: VL042441.D
Acq: 29 Apr 2025 12:02

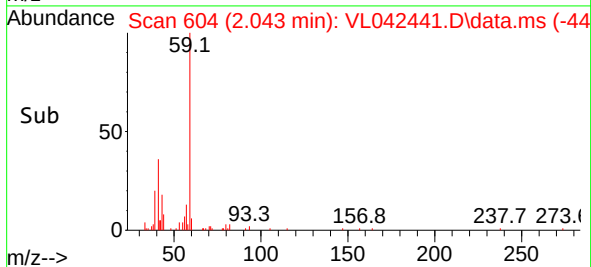
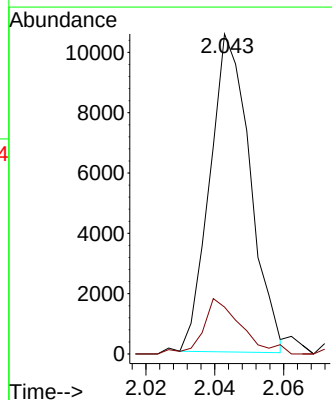
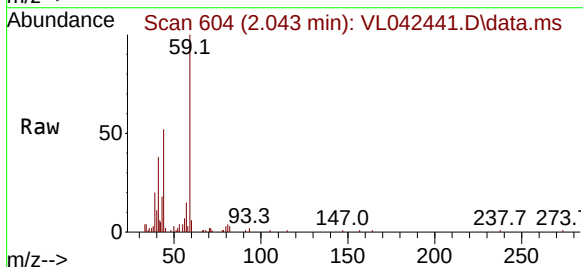
Instrument :
MSVOA_L
ClientSampleId :
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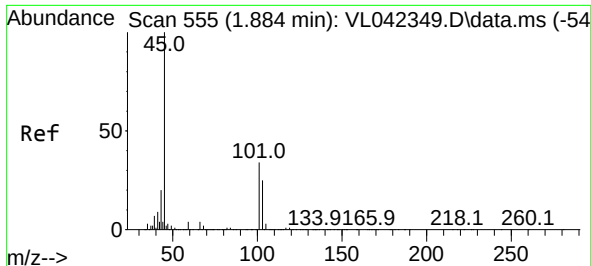
Tgt Ion: 39 Resp: 2006
Ion Ratio Lower Upper
39 100
54 0.0 64.9 97.3#



#17
tert-Butyl alcohol
Concen: 0.351 ppbv
RT: 2.043 min Scan# 604
Delta R.T. 0.004 min
Lab File: VL042441.D
Acq: 29 Apr 2025 12:02

Tgt Ion: 59 Resp: 8565
Ion Ratio Lower Upper
59 100
57 17.6 8.7 13.1#

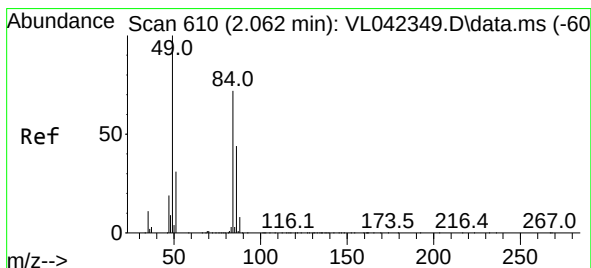
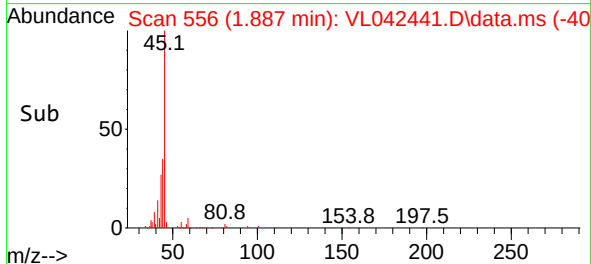
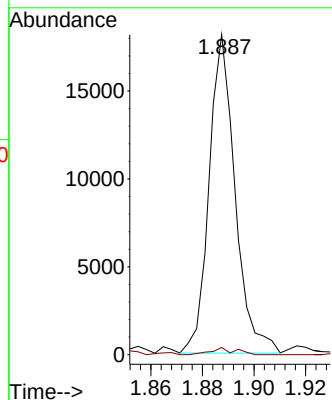
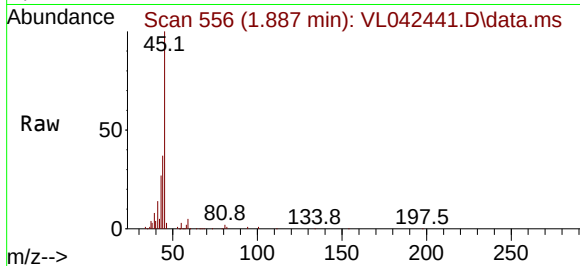




#19
Isopropyl Alcohol
Concen: 1.158 ppbv
RT: 1.887 min Scan# 51
Delta R.T. 0.004 min
Lab File: VL042441.D
Acq: 29 Apr 2025 12:02

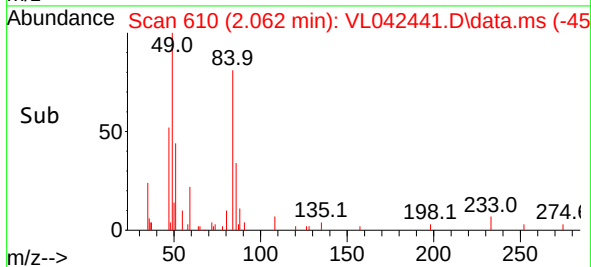
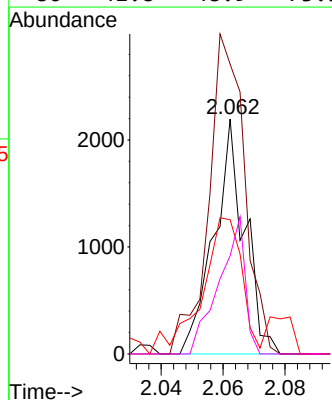
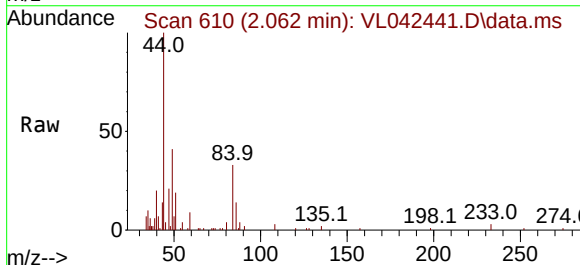
Instrument :
MSVOA_1
ClientSampleId :
EBR-P16-SC-SS01-20250422DL

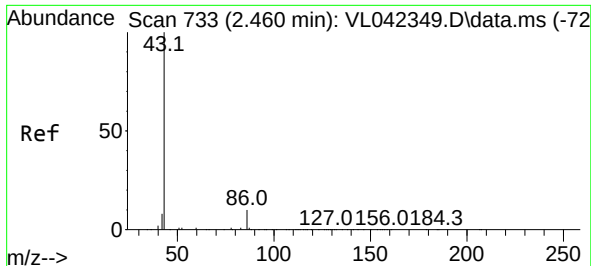
Tgt Ion: 45 Resp: 12664
Ion Ratio Lower Upper
45 100
58 90.0 34.5 51.7#



#20
Methylene Chloride
Concen: 0.196 ppbv
RT: 2.062 min Scan# 610
Delta R.T. 0.000 min
Lab File: VL042441.D
Acq: 29 Apr 2025 12:02

Tgt Ion: 84 Resp: 1511
Ion Ratio Lower Upper
84 100
49 123.4 111.6 167.4
51 44.2 35.1 52.7
86 41.8 48.9 73.3#

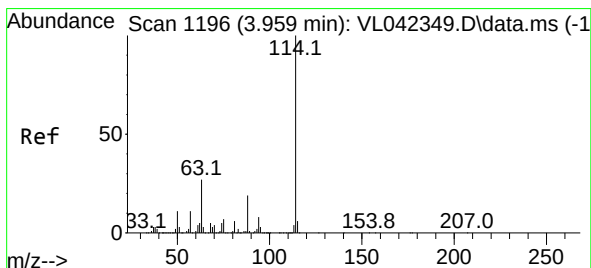
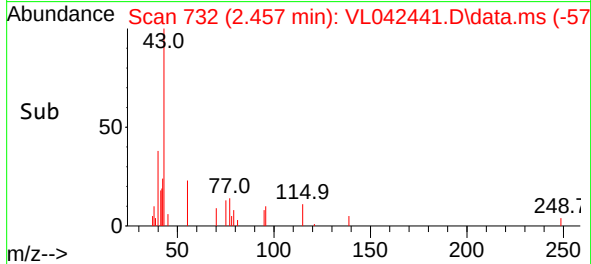
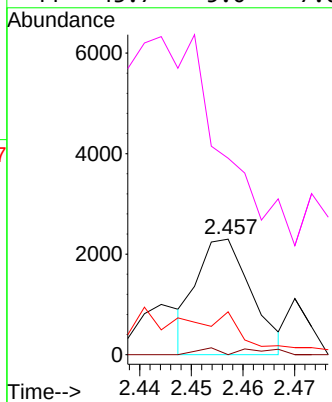
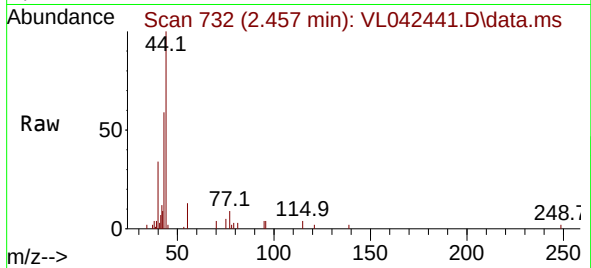




#23
 Vinyl Acetate
 Concen: 0.212 ppbv
 RT: 2.457 min Scan# 71
 Delta R.T. -0.003 min
 Lab File: VL042441.D
 Acq: 29 Apr 2025 12:02

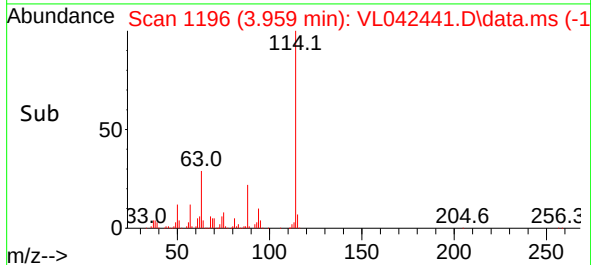
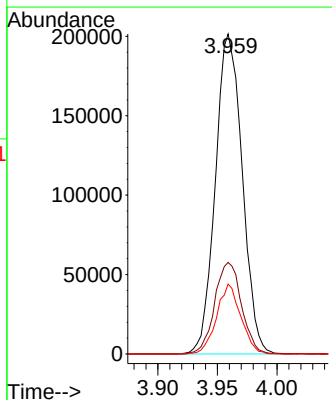
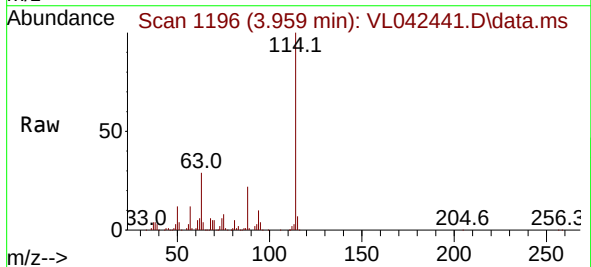
Instrument :
 MSVOA_1
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 EBR-P16-SC-SS01-20250422DL

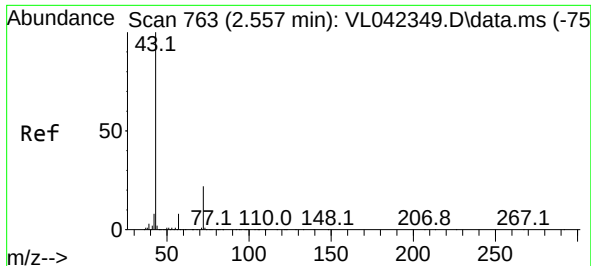
Tgt Ion: 43	Resp: 1687
Ion Ratio	Lower Upper
43 100	
86 0.0	6.5 9.7#
42 36.6	7.8 11.8#
44 43.7	5.0 7.6#



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 3.959 min Scan# 1196
 Delta R.T. 0.000 min
 Lab File: VL042441.D
 Acq: 29 Apr 2025 12:02

Tgt Ion:114	Resp:	315854	
Ion	Ratio	Lower	Upper
114	100		
63	28.6	21.8	32.6
88	19.6	15.5	23.3

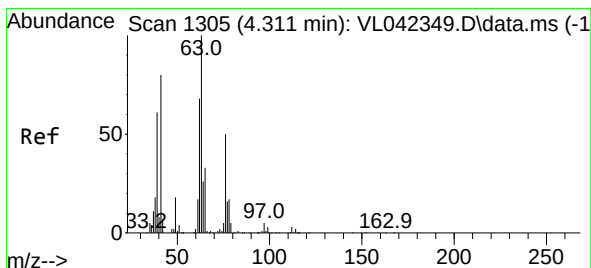
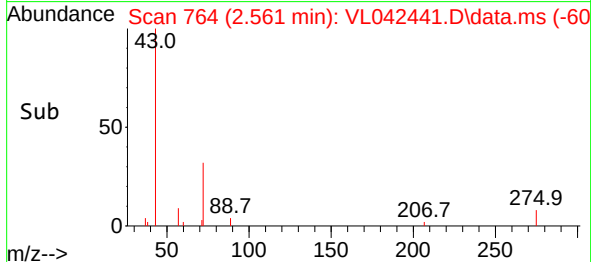
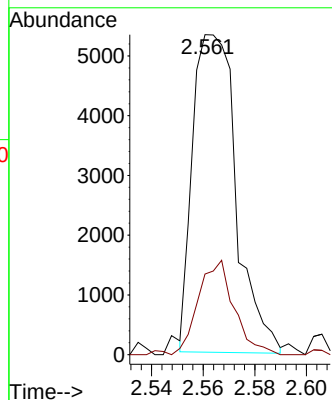
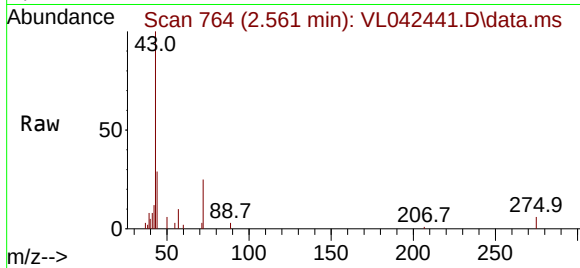




#34
2-Butanone
Concen: 0.249 ppbv
RT: 2.561 min Scan# 7
Delta R.T. 0.004 min
Lab File: VL042441.D
Acq: 29 Apr 2025 12:02

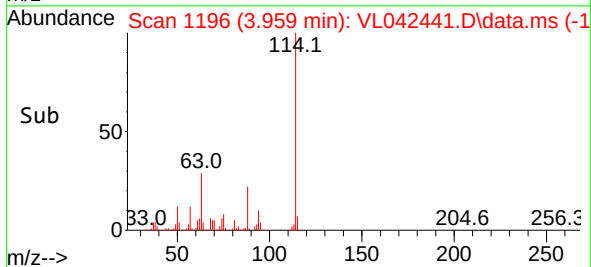
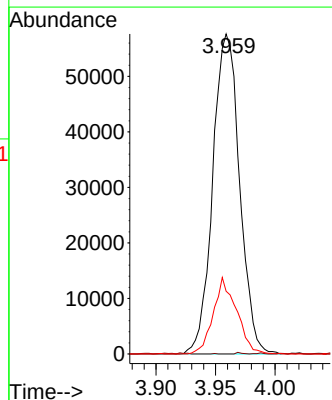
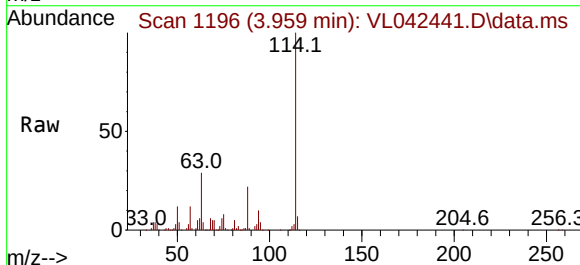
Instrument :
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EBR-P16-SC-SS01-20250422DL

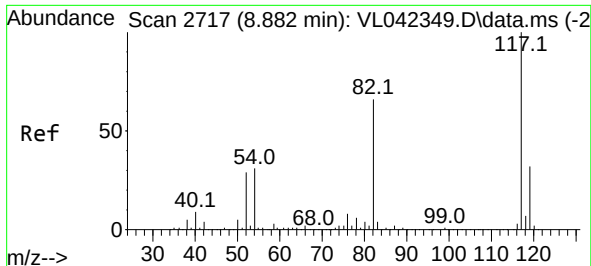
Tgt Ion: 43 Resp: 6230
Ion Ratio Lower Upper
43 100
72 24.7 18.2 27.2



#39
1,2-Dichloropropane
Concen: 7.110 ppbv
RT: 3.959 min Scan# 1196
Delta R.T. -0.353 min
Lab File: VL042441.D
Acq: 29 Apr 2025 12:02

Tgt Ion: 63 Resp: 90258
Ion Ratio Lower Upper
63 100
41 0.0 64.2 96.2#
62 19.6 54.3 81.5#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.882 min Scan# 21

Delta R.T. 0.000 min

Lab File: VL042441.D

Acq: 29 Apr 2025 12:02

Instrument :

MSVOA_L

ClientSampleId :

EBR-P16-SC-SS01-20250422DL

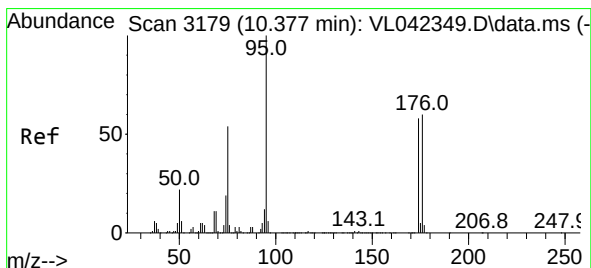
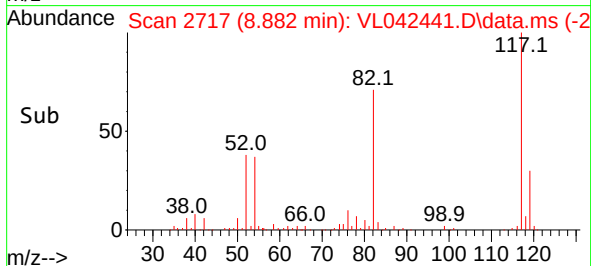
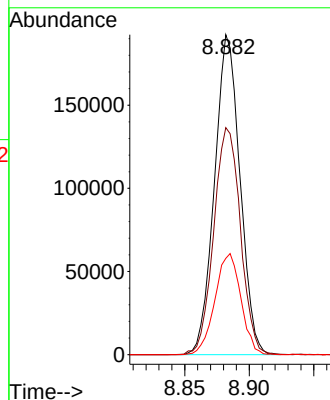
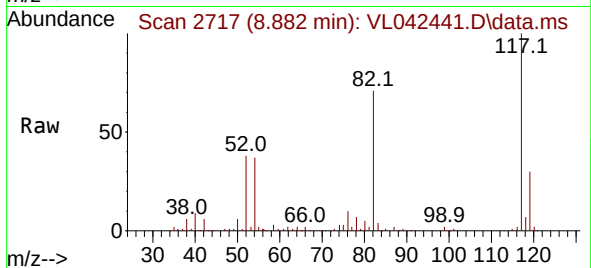
Tgt Ion:117 Resp: 264275

Ion Ratio Lower Upper

117 100

82 74.2 57.8 86.6

119 32.2 25.2 37.8



#68

1-Bromo-4-Fluorobenzene

Concen: 10.597 ppbv

RT: 10.377 min Scan# 3179

Delta R.T. 0.000 min

Lab File: VL042441.D

Acq: 29 Apr 2025 12:02

Tgt Ion: 95 Resp: 230129

Ion Ratio Lower Upper

95 100

174 52.0 48.5 72.7

175 4.0 3.7 5.5

