

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042925\
 Data File : VL042440.D
 Acq On : 29 Apr 2025 11:30
 Operator : SY/MD
 Sample : Q1880-05DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 EBR-SC-SS-DUP01-20250421DL

Quant Time: Apr 30 01:18:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 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)

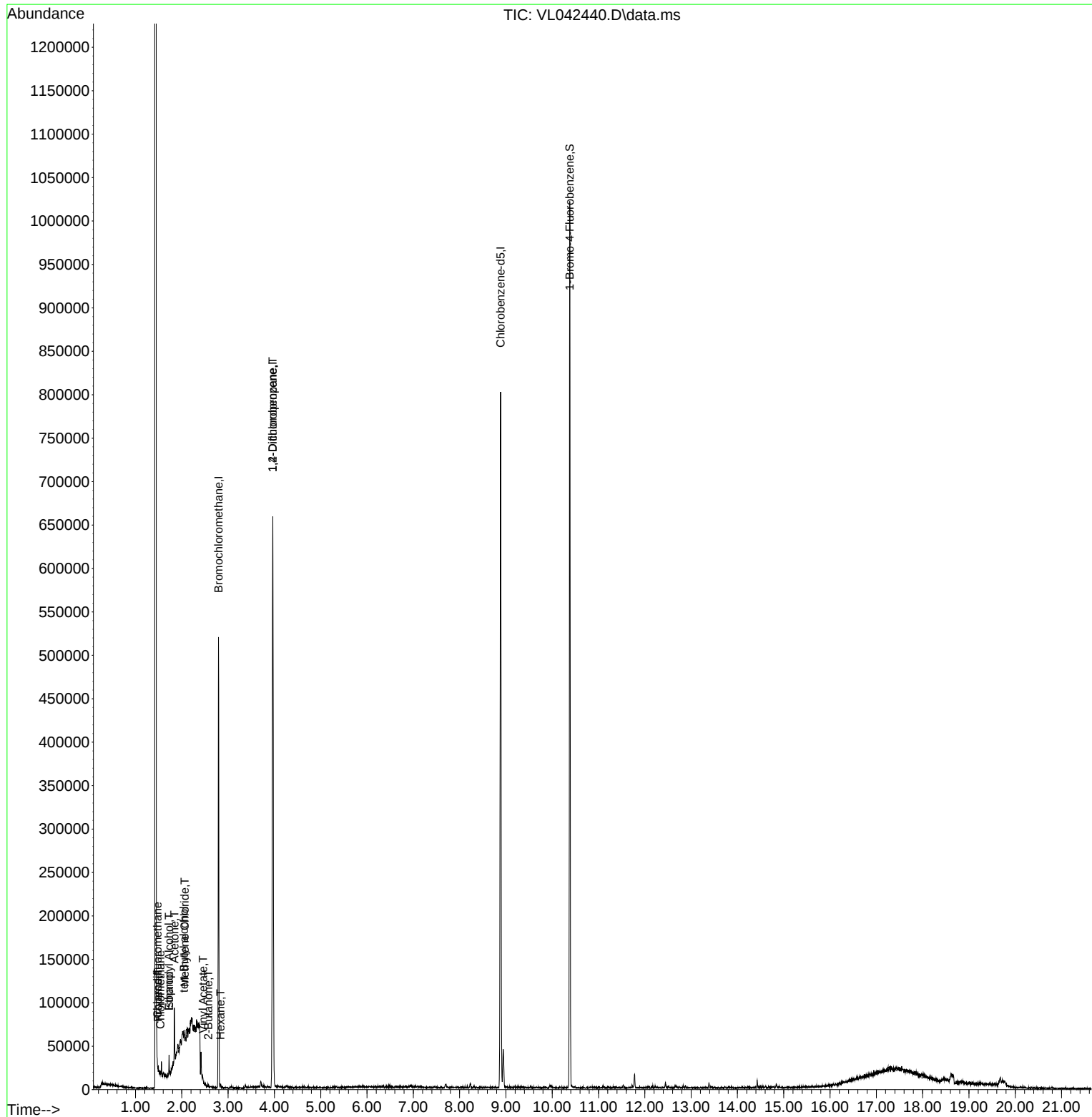
Internal Standards						
1) Bromochloromethane	2.793	49	132865	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	354984	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	287641	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	252848	10.697	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.000%
Target Compounds						
					Qvalue	
3) Chlorodifluoromethane	1.473	51	1020	0.046	ppbv #	84
4) Chloromethane	1.541	50	465	0.050	ppbv #	44
9) Propene	1.486	41	731	0.072	ppbv #	15
13) Ethanol	1.725	45	6667	4.120	ppbv #	24
15) Acetone	1.839	43	25897	1.191	ppbv	98
17) tert-Butyl alcohol	2.049	59	2030	0.075	ppbv #	30
19) Isopropyl Alcohol	1.725	45	6667	0.552	ppbv #	1
20) Methylene Chloride	2.065	84	1577	0.185	ppbv #	61
23) Vinyl Acetate	2.457	43	2141	0.243	ppbv #	1
26) Hexane	2.836	57	849	0.039	ppbv #	33
34) 2-Butanone	2.570	43	2073	0.074	ppbv #	87
39) 1,2-Dichloropropane	3.965	63	100141	7.018	ppbv #	24

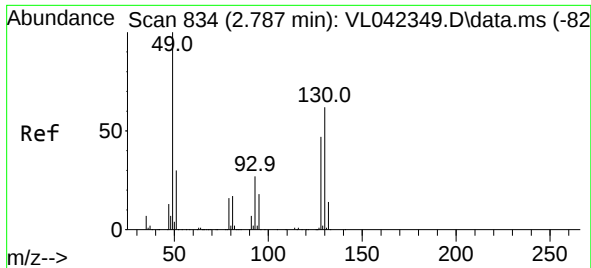
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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EBR-SC-SS-DUP01-20250421DL

Quant Time: Apr 30 01:18:47 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

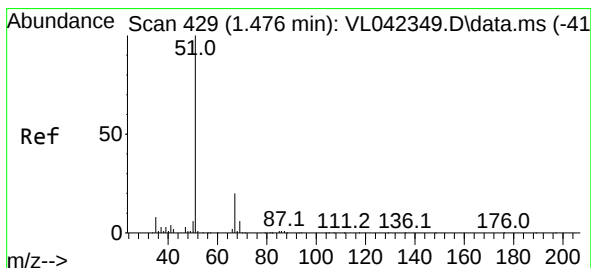
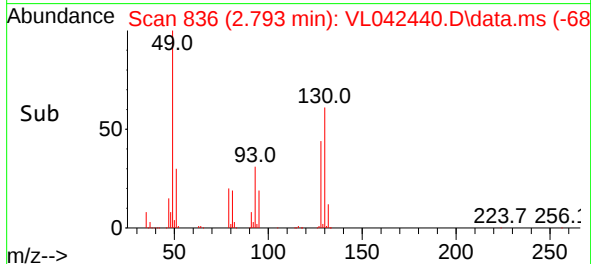
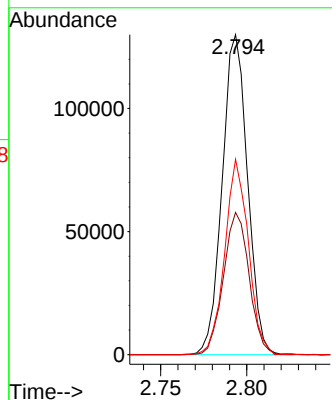
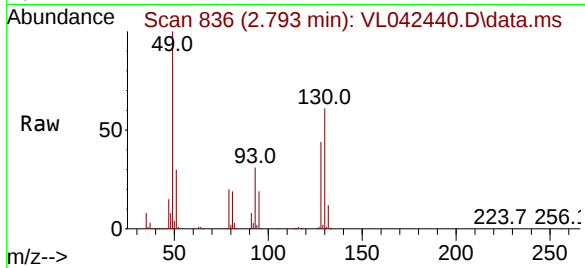




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.793 min Scan# 81
Delta R.T. 0.006 min
Lab File: VL042440.D
Acq: 29 Apr 2025 11:30

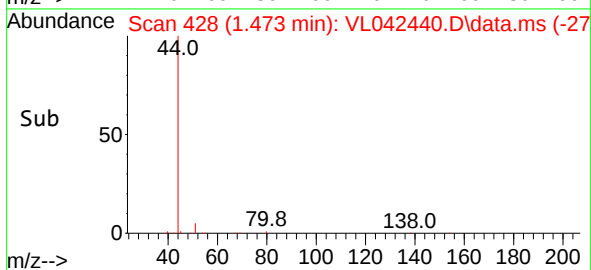
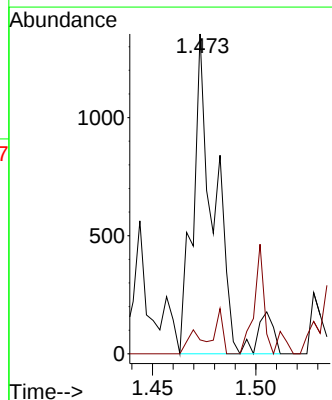
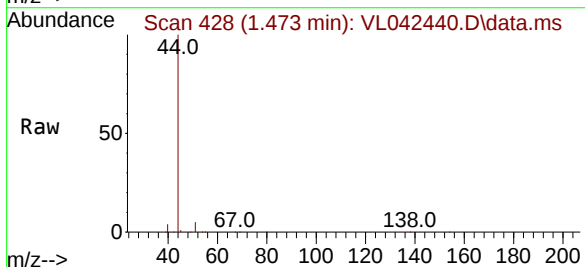
Instrument :
MSVOA_L
ClientSampleId :
EBR-SC-SS-DUP01-20250421DL

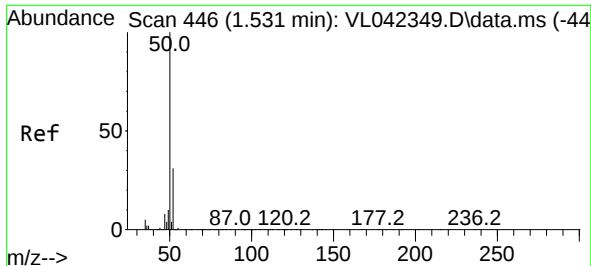
Tgt Ion: 49 Resp: 132865
Ion Ratio Lower Upper
49 100
128 45.1 22.8 68.4
130 57.1 29.3 88.0



#3
Chlorodifluoromethane
Concen: 0.046 ppbv
RT: 1.473 min Scan# 428
Delta R.T. -0.003 min
Lab File: VL042440.D
Acq: 29 Apr 2025 11:30

Tgt Ion: 51 Resp: 1020
Ion Ratio Lower Upper
51 100
67 27.6 16.2 24.4#

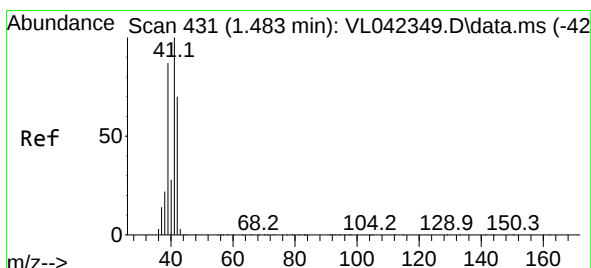
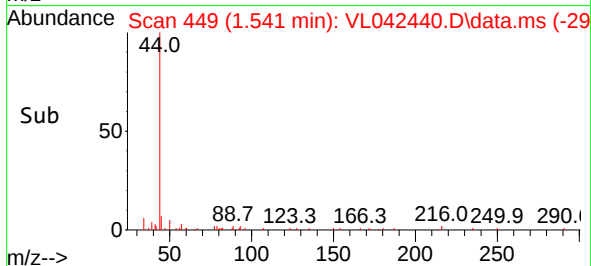
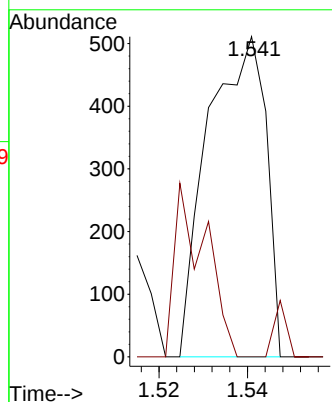
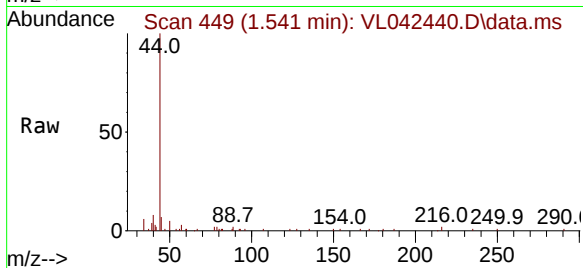




#4
Chloromethane
Concen: 0.050 ppbv
RT: 1.541 min Scan# 449
Delta R.T. 0.010 min
Lab File: VL042440.D
Acq: 29 Apr 2025 11:30

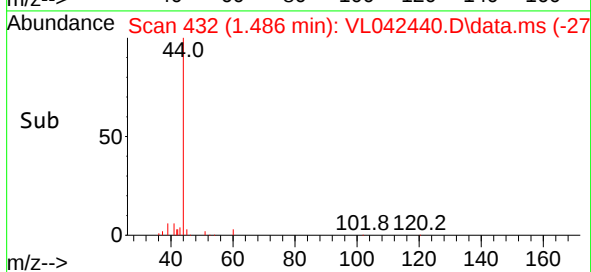
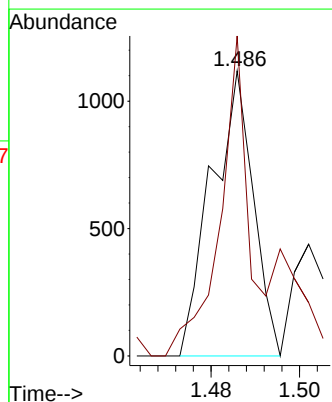
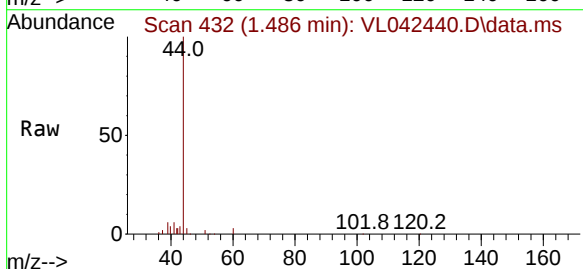
Instrument :
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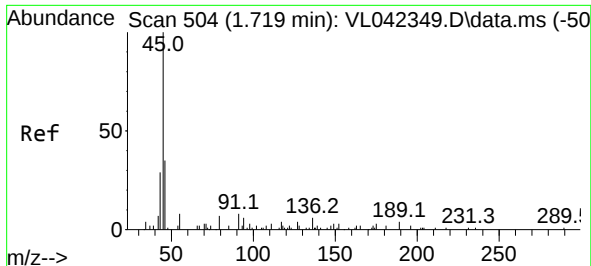
Tgt Ion: 50 Resp: 465
Ion Ratio Lower Upper
50 100
52 0.0 24.7 37.1#



#9
Propene
Concen: 0.072 ppbv
RT: 1.486 min Scan# 432
Delta R.T. 0.003 min
Lab File: VL042440.D
Acq: 29 Apr 2025 11:30

Tgt Ion: 41 Resp: 731
Ion Ratio Lower Upper
41 100
42 0.0 56.2 84.4#

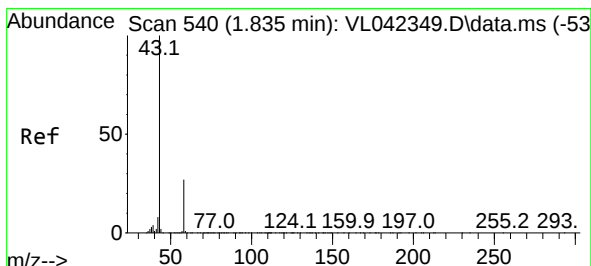
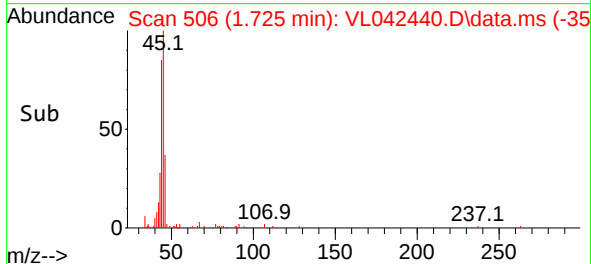
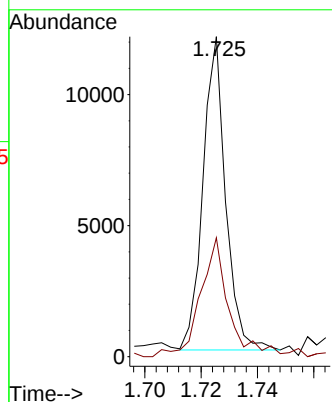
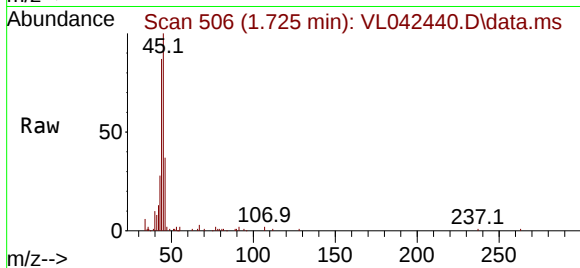




#13
Ethanol
Concen: 4.120 ppbv
RT: 1.725 min Scan# 504
Delta R.T. 0.007 min
Lab File: VL042440.D
Acq: 29 Apr 2025 11:30

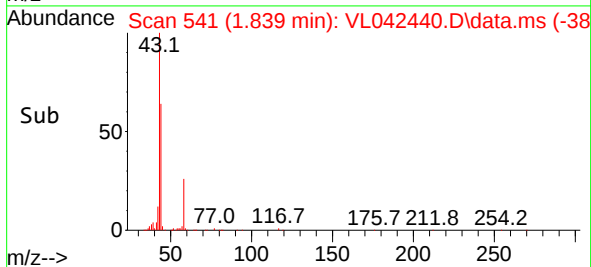
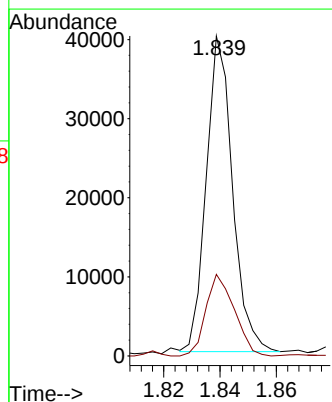
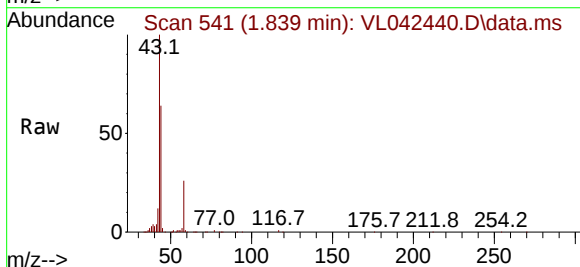
Instrument :
MSVOA_L
ClientSampleId :
EBR-SC-SS-DUP01-20250421DL

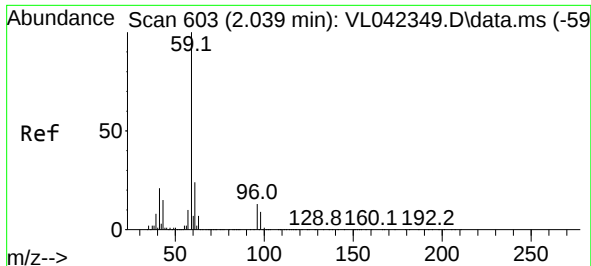
Tgt Ion: 45 Resp: 6667
Ion Ratio Lower Upper
45 100
46 0.0 21.9 87.7#



#15
Acetone
Concen: 1.191 ppbv
RT: 1.839 min Scan# 541
Delta R.T. 0.003 min
Lab File: VL042440.D
Acq: 29 Apr 2025 11:30

Tgt Ion: 43 Resp: 25897
Ion Ratio Lower Upper
43 100
58 29.2 22.4 33.6





#17

tert-Butyl alcohol

Concen: 0.075 ppbv

RT: 2.049 min Scan# 603

Delta R.T. 0.010 min

Lab File: VL042440.D

Acq: 29 Apr 2025 11:30

Instrument :

MSVOA_1

ClientSampleId :

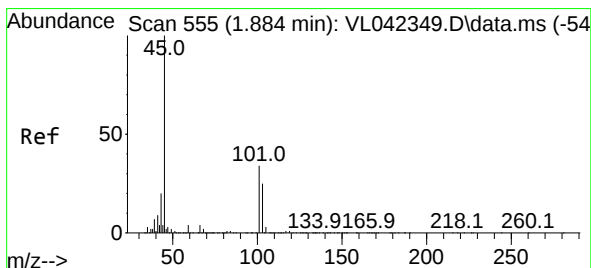
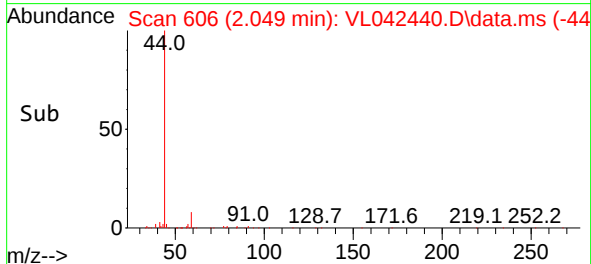
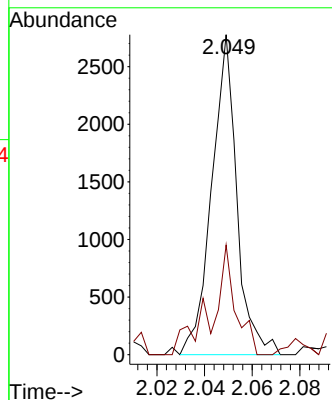
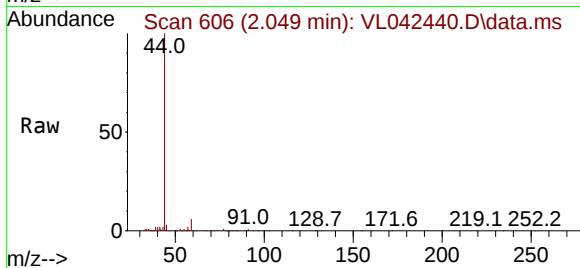
EBR-SC-SS-DUP01-20250421DL

Tgt Ion: 59 Resp: 2030

Ion Ratio Lower Upper

59 100

57 37.4 8.7 13.1#



#19

Isopropyl Alcohol

Concen: 0.552 ppbv

RT: 1.725 min Scan# 506

Delta R.T. -0.159 min

Lab File: VL042440.D

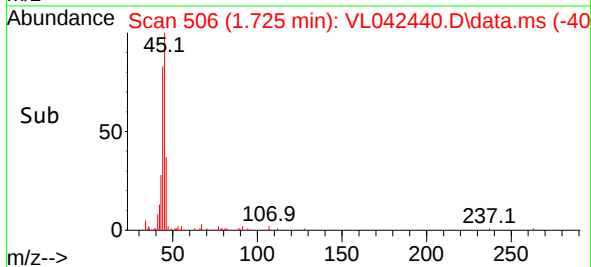
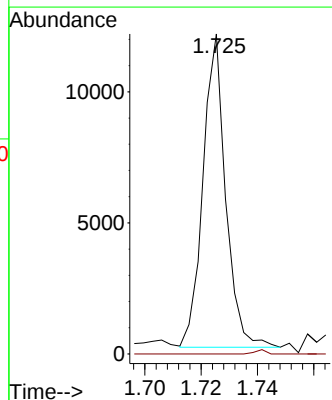
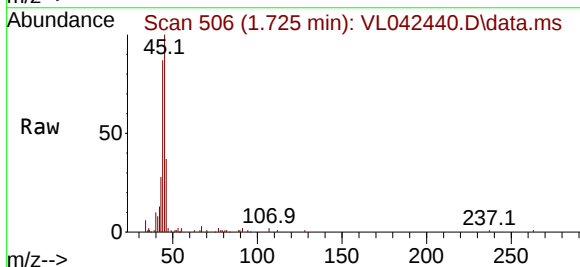
Acq: 29 Apr 2025 11:30

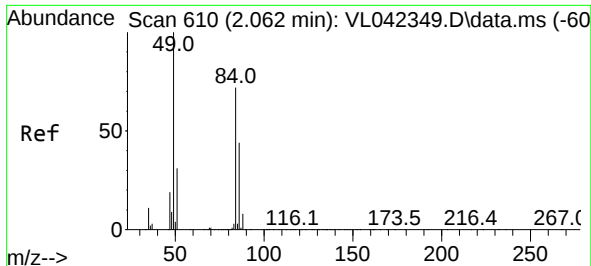
Tgt Ion: 45 Resp: 6667

Ion Ratio Lower Upper

45 100

58 113.6 34.5 51.7#

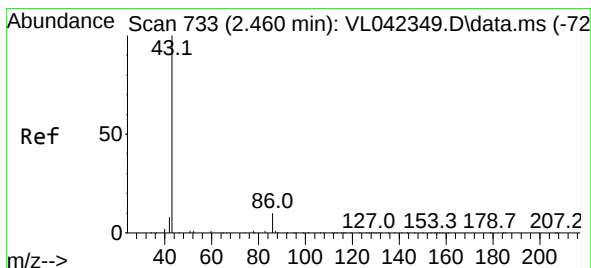
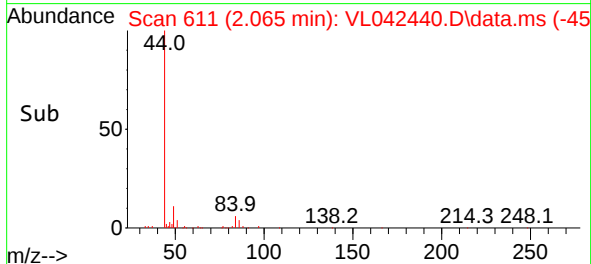
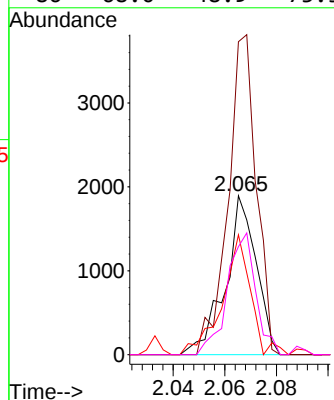
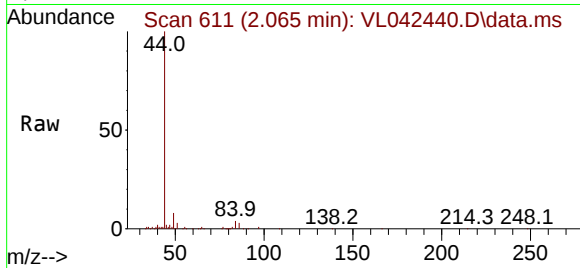




#20
Methylene Chloride
Concen: 0.185 ppbv
RT: 2.065 min Scan# 611
Delta R.T. 0.003 min
Lab File: VL042440.D
Acq: 29 Apr 2025 11:30

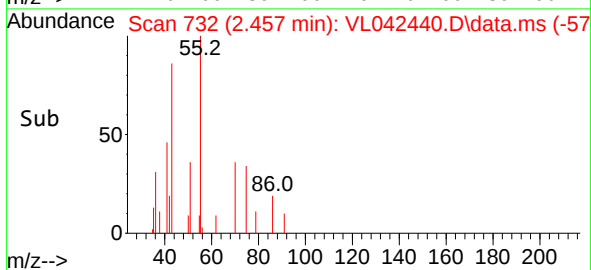
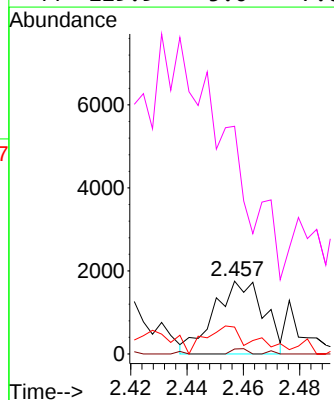
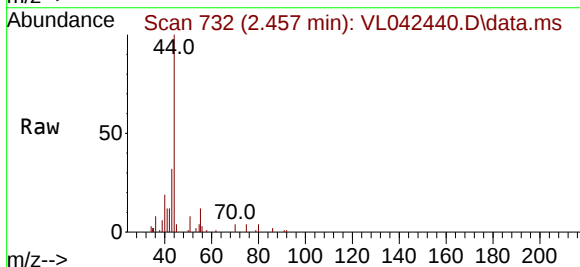
Instrument :
MSVOA_L
ClientSampleId :
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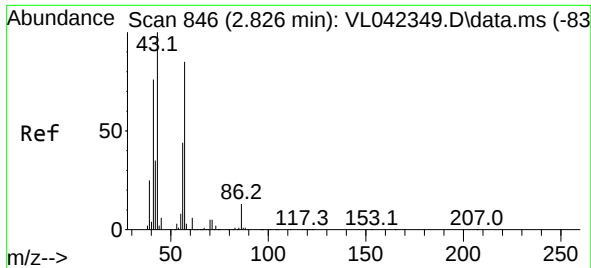
Tgt Ion:	84	Resp:	1577
Ion	Ratio	Lower	Upper
84	100		
49	199.9	111.6	167.4#
51	75.4	35.1	52.7#
86	68.0	48.9	73.3



#23
Vinyl Acetate
Concen: 0.243 ppbv
RT: 2.457 min Scan# 732
Delta R.T. -0.003 min
Lab File: VL042440.D
Acq: 29 Apr 2025 11:30

Tgt Ion:	43	Resp:	2141
Ion	Ratio	Lower	Upper
43	100		
86	7.8	6.5	9.7
42	12.7	7.8	11.8#
44	229.9	5.0	7.6#

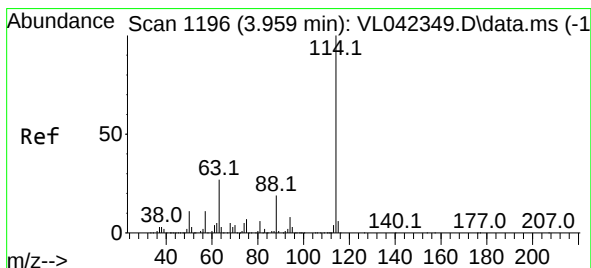
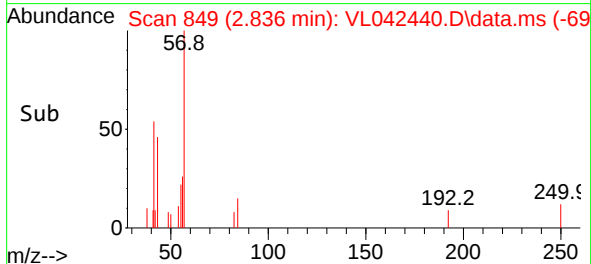
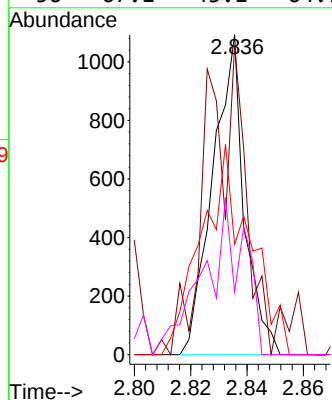
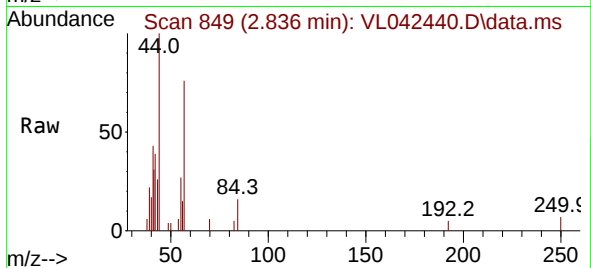




#26
Hexane
Concen: 0.039 ppbv
RT: 2.836 min Scan# 846
Delta R.T. 0.010 min
Lab File: VL042440.D
Acq: 29 Apr 2025 11:30

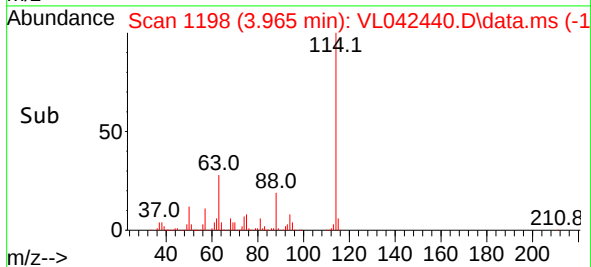
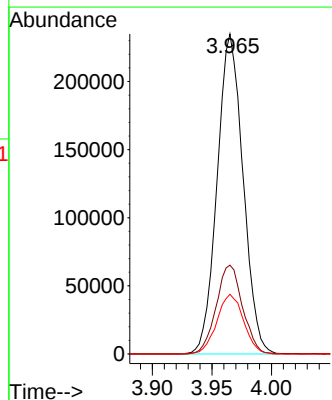
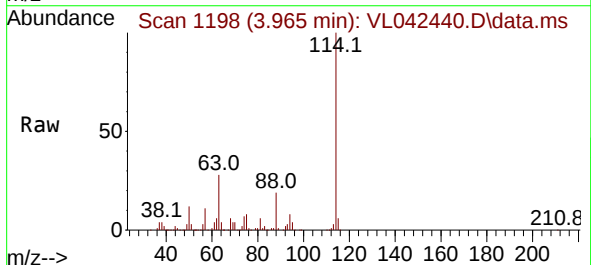
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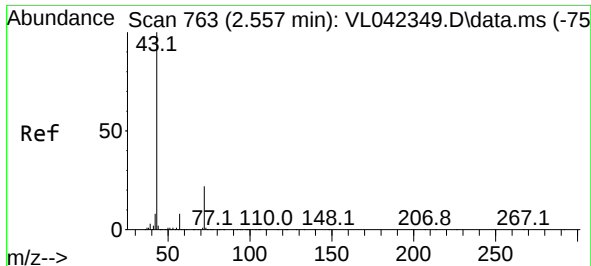
Tgt Ion: 57 Resp: 849
Ion Ratio Lower Upper
57 100
41 130.0 77.9 116.9#
43 99.8 208.4 312.6#
56 67.1 43.1 64.7#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.965 min Scan# 1198
Delta R.T. 0.007 min
Lab File: VL042440.D
Acq: 29 Apr 2025 11:30

Tgt Ion: 114 Resp: 354984
Ion Ratio Lower Upper
114 100
63 28.2 21.8 32.6
88 19.2 15.5 23.3

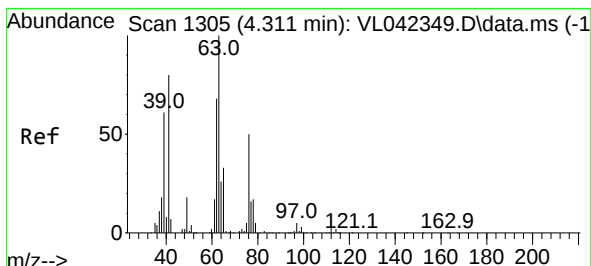
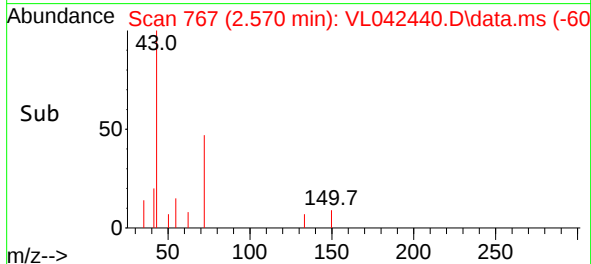
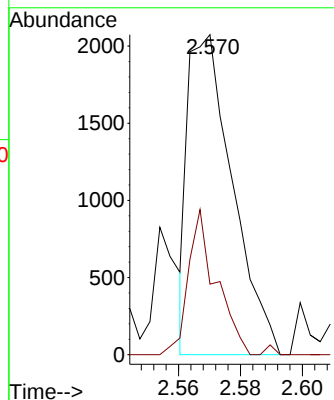
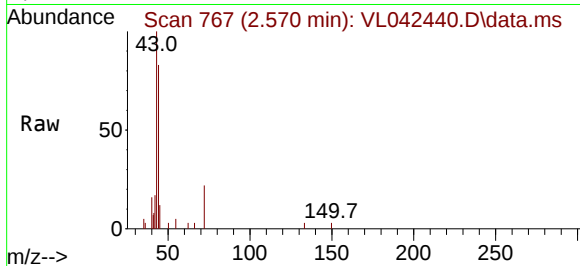




#34
2-Butanone
Concen: 0.074 ppbv
RT: 2.570 min Scan# 71
Delta R.T. 0.013 min
Lab File: VL042440.D
Acq: 29 Apr 2025 11:30

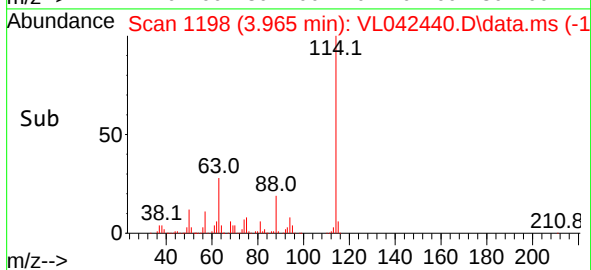
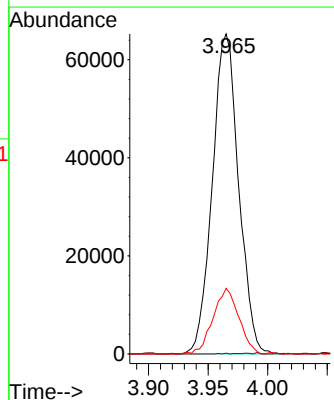
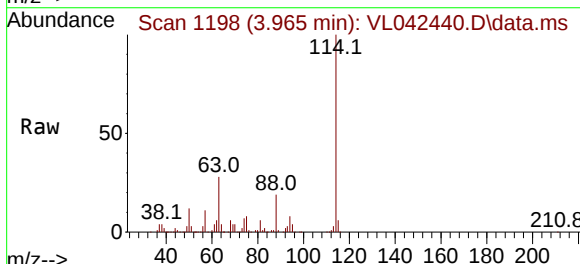
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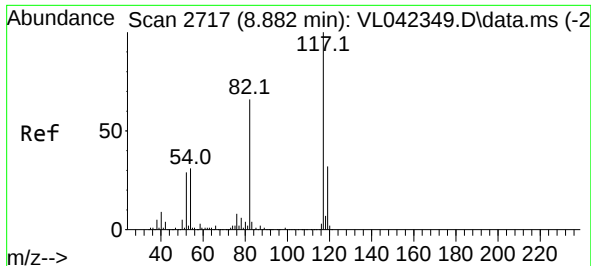
Tgt Ion: 43 Resp: 2073
Ion Ratio Lower Upper
43 100
72 28.9 18.2 27.2#



#39
1,2-Dichloropropane
Concen: 7.018 ppbv
RT: 3.965 min Scan# 1198
Delta R.T. -0.346 min
Lab File: VL042440.D
Acq: 29 Apr 2025 11:30

Tgt Ion: 63 Resp: 100141
Ion Ratio Lower Upper
63 100
41 0.2 64.2 96.2#
62 20.5 54.3 81.5#

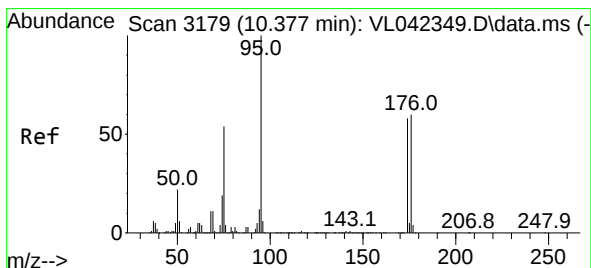
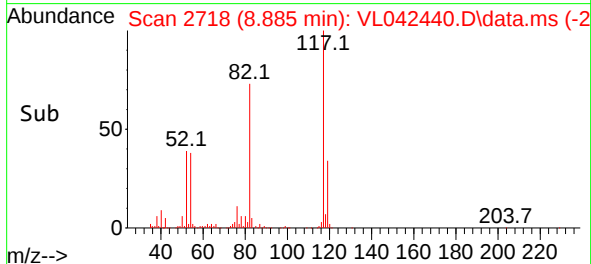
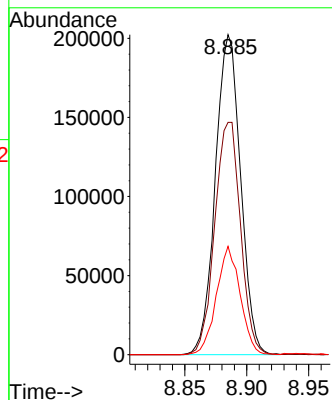
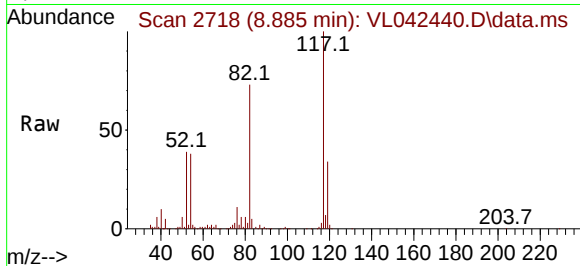




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.885 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL042440.D
Acq: 29 Apr 2025 11:30

Instrument :
MSVOA_L
ClientSampleId :
EBR-SC-SS-DUP01-20250421DL

Tgt Ion:117 Resp: 287641
Ion Ratio Lower Upper
117 100
82 74.1 57.8 86.6
119 32.3 25.2 37.8



#68
1-Bromo-4-Fluorobenzene
Concen: 10.697 ppbv
RT: 10.377 min Scan# 3179
Delta R.T. 0.000 min
Lab File: VL042440.D
Acq: 29 Apr 2025 11:30

Tgt Ion: 95 Resp: 252848
Ion Ratio Lower Upper
95 100
174 52.3 48.5 72.7
175 3.7 3.7 5.5

