

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081224\
 Data File : VL041537.D
 Acq On : 12 Aug 2024 15:51
 Operator : SY/MD
 Sample : P3496-05DL2 100X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Aug 13 02:14:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Aug 13 02:09:20 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

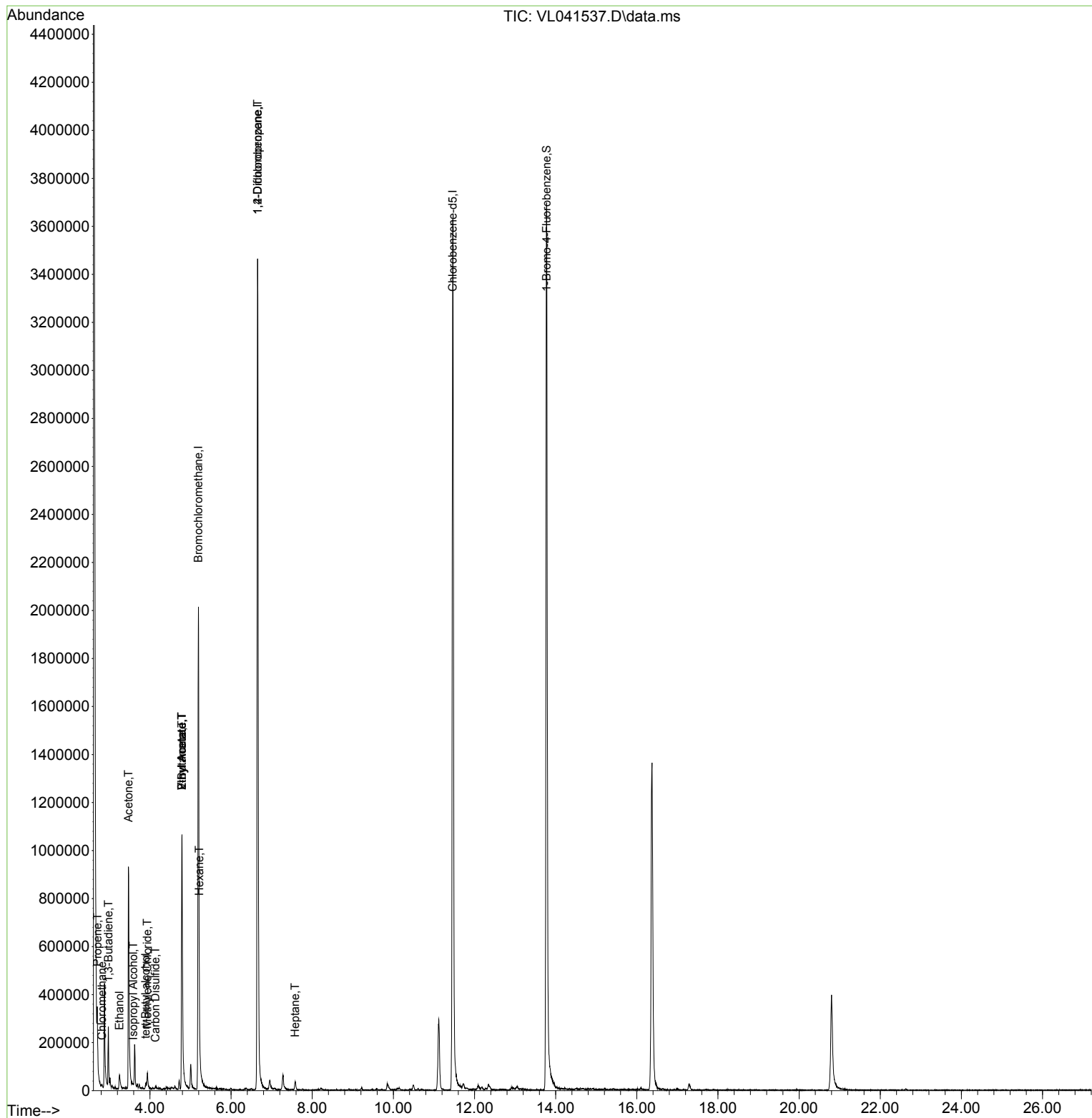
Internal Standards						
1) Bromochloromethane	5.195	49	966254	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2561986	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2386960	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	1822945	9.924	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.200%
Target Compounds						
					Qvalue	
4) Chloromethane	2.819	50	3691	0.060	ppbv	94
9) Propene	2.703	41	76196	1.442	ppbv	96
10) Heptane	7.581	43	9323	0.079	ppbv #	82
13) Ethanol	3.250	45	45024	9.533	ppbv #	53
15) Acetone	3.472	43	936633	8.531	ppbv	94
16) 1,3-Butadiene	2.976	39	57959	0.988	ppbv #	22
17) tert-Butyl alcohol	3.896	59	6862	0.069	ppbv #	72
19) Isopropyl Alcohol	3.587	45	11247	0.175	ppbv #	93
20) Methylene Chloride	3.938	84	19024	0.465	ppbv	93
23) Vinyl Acetate	4.790	43	1277993	15.242	ppbv #	90
25) Ethyl Acetate	4.790	43	1277993	5.859	ppbv #	75
26) Hexane	5.214	57	7597	0.084	ppbv #	1
27) Carbon Disulfide	4.134	76	7141	0.067	ppbv #	19
34) 2-Butanone	4.790	43	1277993	10.312	ppbv	99
39) 1,2-Dichloropropane	6.655	63	630925	8.803	ppbv #	25

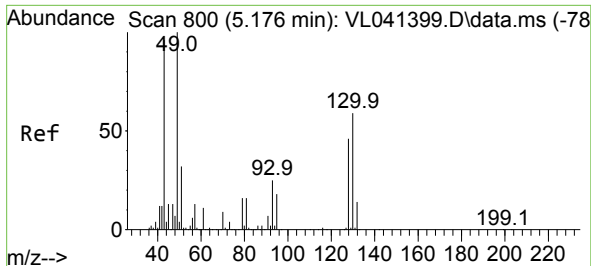
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081224\
Data File : VL041537.D
Acq On : 12 Aug 2024 15:51
Operator : SY/MD
Sample : P3496-05DL2 100X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

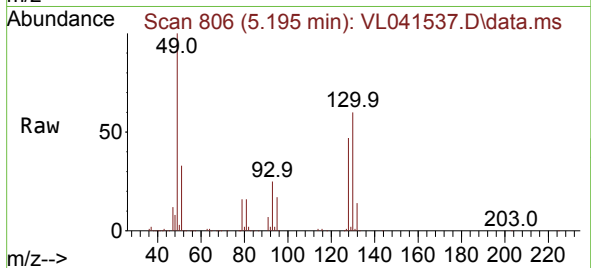
Quant Time: Aug 13 02:14:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Tue Aug 13 02:09:20 2024
Response via : Initial Calibration



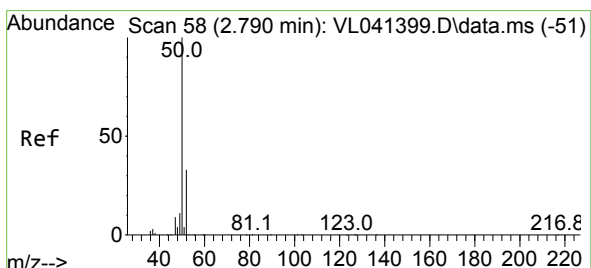
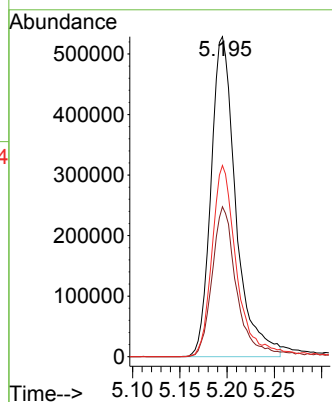
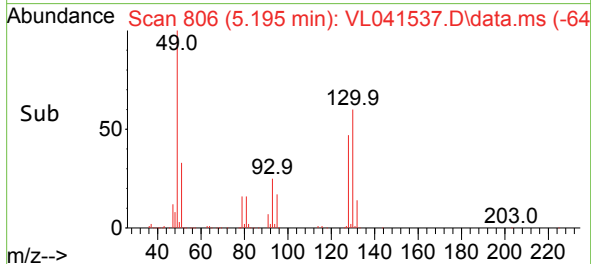


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. 0.007 min
Lab File: VL041537.D
Acq: 12 Aug 2024 15:51

Instrument :
MSVOA_L
ClientSampleId :

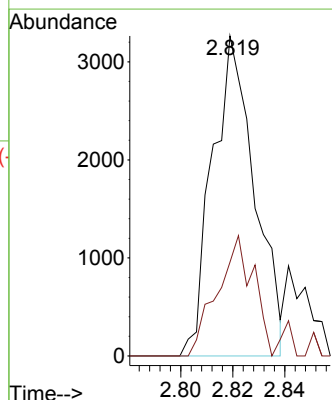
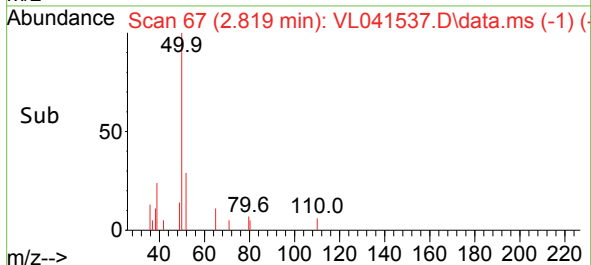
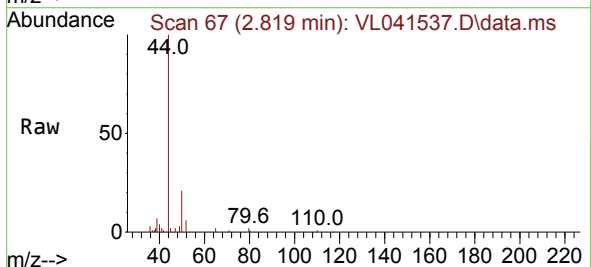


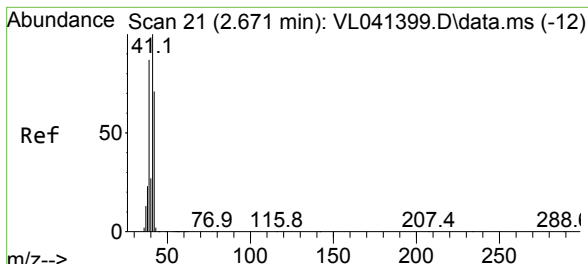
Tgt Ion: 49 Resp: 966254
Ion Ratio Lower Upper
49 100
128 47.6 23.8 71.4
130 62.2 30.8 92.4



#4
Chloromethane
Concen: 0.060 ppbv
RT: 2.819 min Scan# 67
Delta R.T. 0.007 min
Lab File: VL041537.D
Acq: 12 Aug 2024 15:51

Tgt Ion: 50 Resp: 3691
Ion Ratio Lower Upper
50 100
52 29.3 26.1 39.1

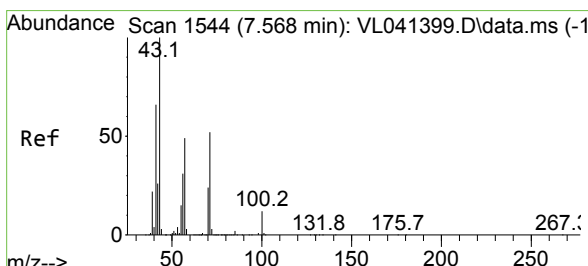
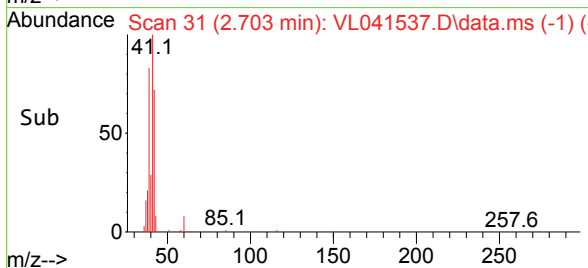
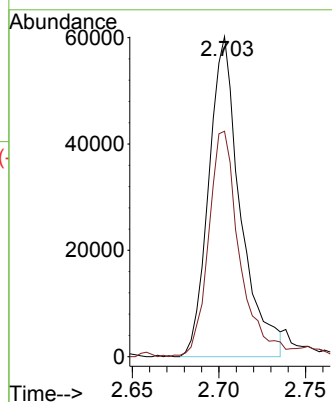
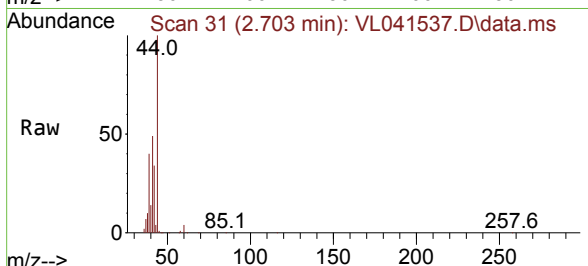




#9
 Propene
 Concen: 1.442 ppbv
 RT: 2.703 min Scan# 31
 Delta R.T. 0.010 min
 Lab File: VL041537.D
 Acq: 12 Aug 2024 15:51

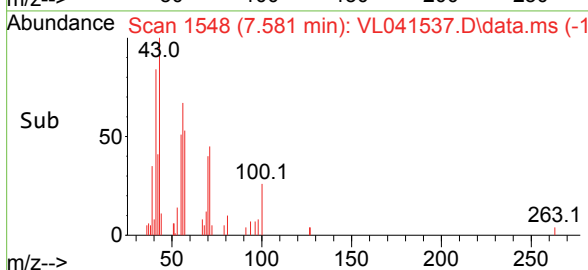
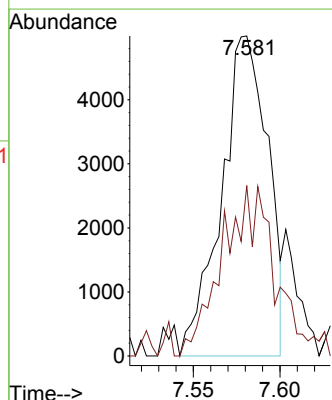
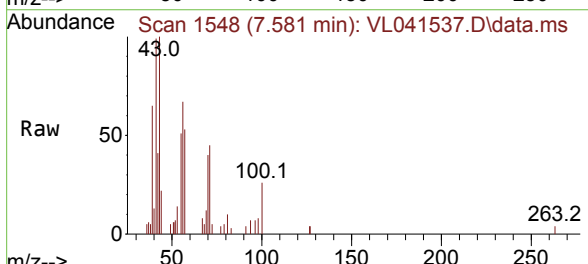
Instrument :
 MSVOA_L
 ClientSampleId :

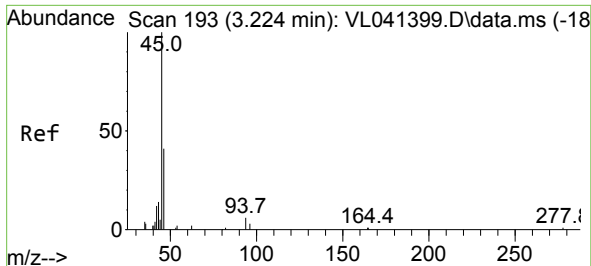
Tgt Ion: 41 Resp: 76196
 Ion Ratio Lower Upper
 41 100
 42 72.9 55.9 83.9



#10
 Heptane
 Concen: 0.079 ppbv
 RT: 7.581 min Scan# 1548
 Delta R.T. 0.003 min
 Lab File: VL041537.D
 Acq: 12 Aug 2024 15:51

Tgt Ion: 43 Resp: 9323
 Ion Ratio Lower Upper
 43 100
 57 62.8 40.5 60.7#

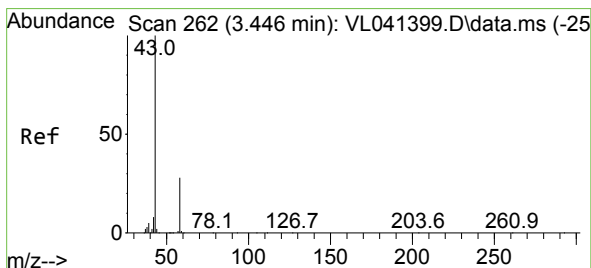
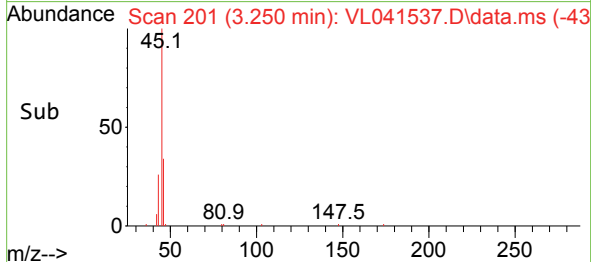
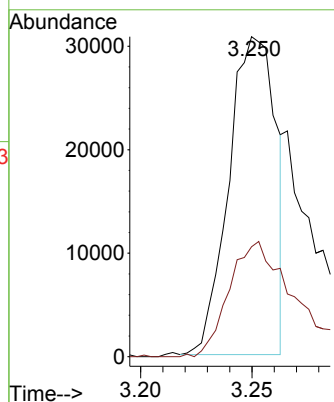
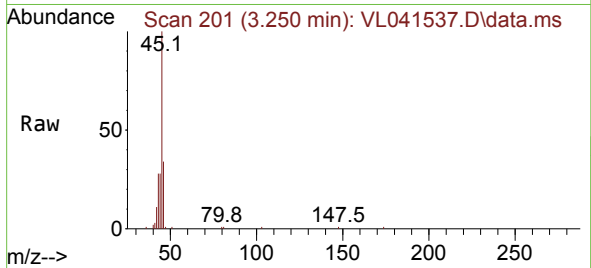




#13
 Ethanol
 Concen: 9.533 ppbv
 RT: 3.250 min Scan# 201
 Delta R.T. 0.007 min
 Lab File: VL041537.D
 Acq: 12 Aug 2024 15:51

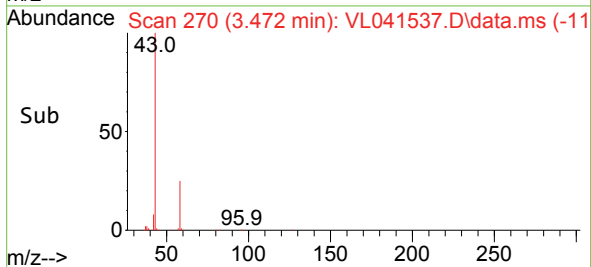
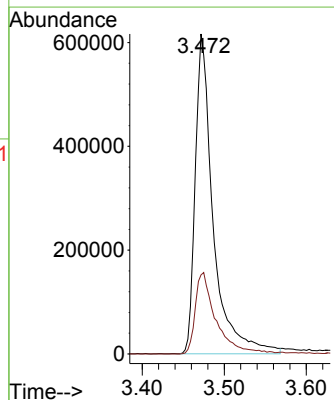
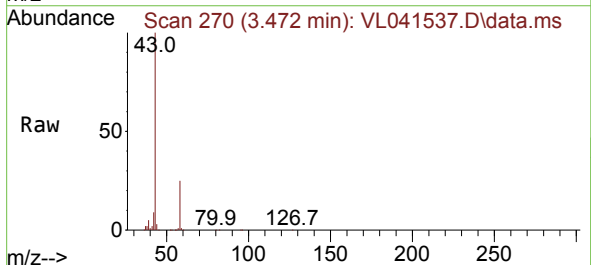
Instrument :
 MSVOA_L
 ClientSampleId :

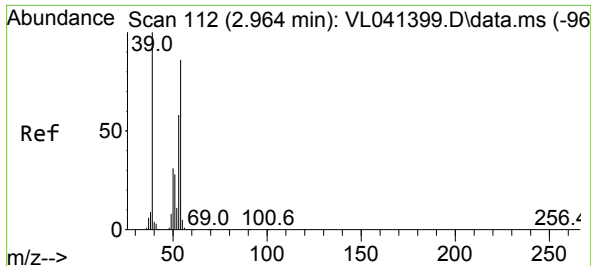
Tgt Ion: 45 Resp: 45024
 Ion Ratio Lower Upper
 45 100
 46 59.9 13.4 53.4#



#15
 Acetone
 Concen: 8.531 ppbv
 RT: 3.472 min Scan# 270
 Delta R.T. 0.003 min
 Lab File: VL041537.D
 Acq: 12 Aug 2024 15:51

Tgt Ion: 43 Resp: 936633
 Ion Ratio Lower Upper
 43 100
 58 30.1 21.4 32.2

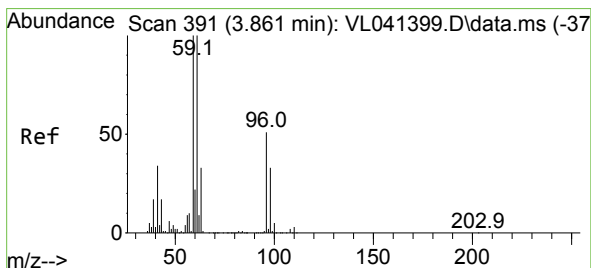
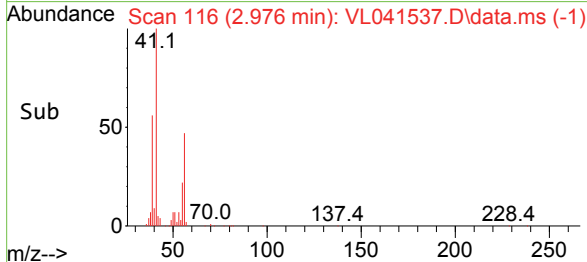
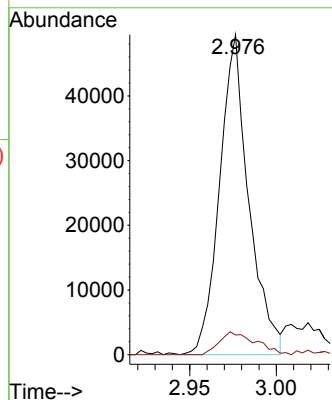
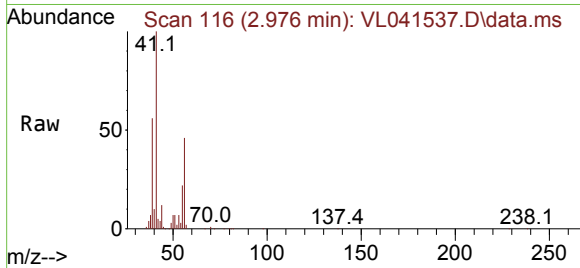




#16
1,3-Butadiene
Concen: 0.988 ppbv
RT: 2.976 min Scan# 11
Delta R.T. -0.010 min
Lab File: VL041537.D
Acq: 12 Aug 2024 15:51

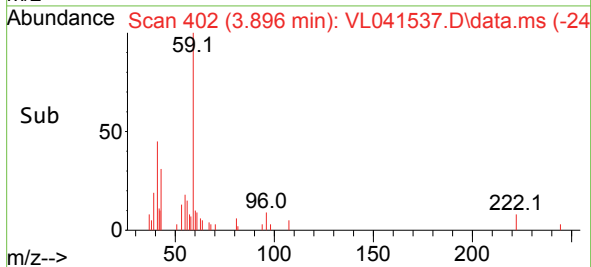
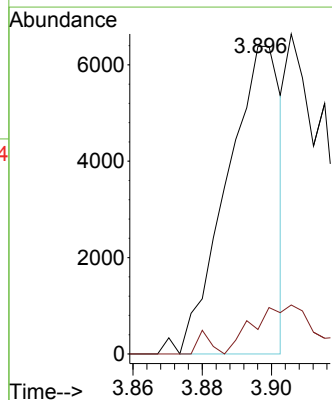
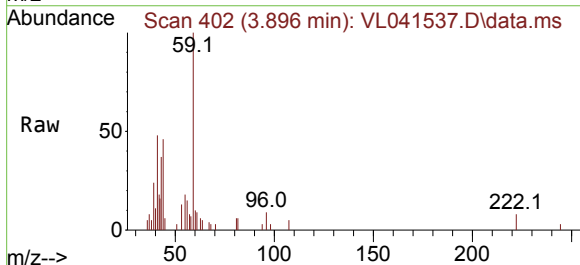
Instrument :
MSVOA_L
ClientSampleId :

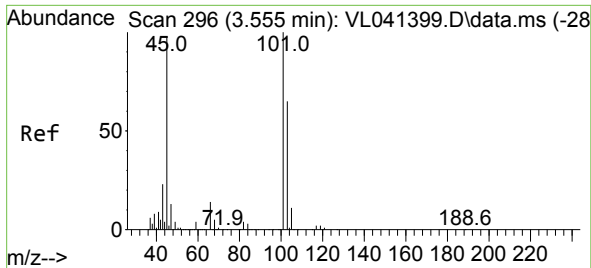
Tgt Ion: 39 Resp: 57959
Ion Ratio Lower Upper
39 100
54 9.9 62.5 93.7#



#17
tert-Butyl alcohol
Concen: 0.069 ppbv
RT: 3.896 min Scan# 402
Delta R.T. 0.019 min
Lab File: VL041537.D
Acq: 12 Aug 2024 15:51

Tgt Ion: 59 Resp: 6862
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

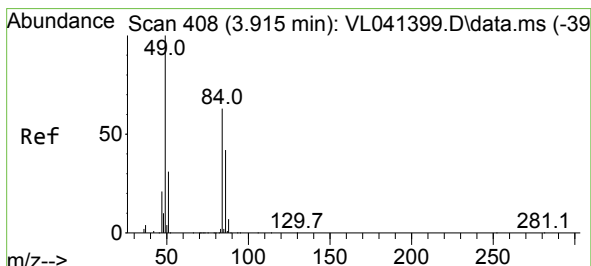
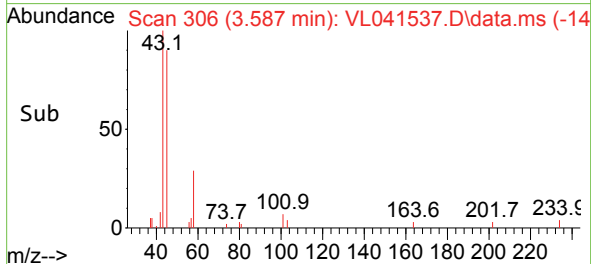
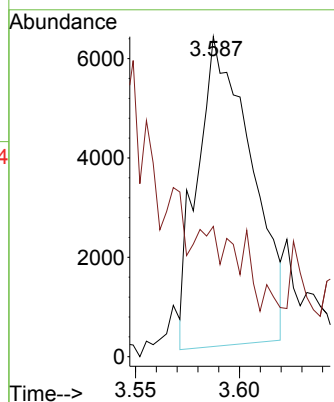
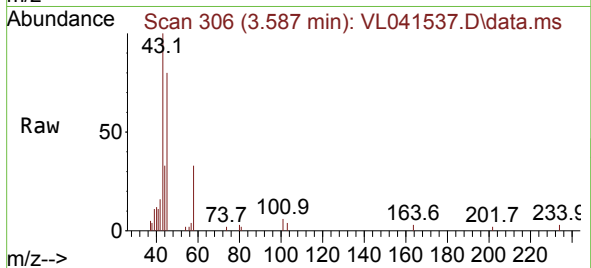




#19
Isopropyl Alcohol
Concen: 0.175 ppbv
RT: 3.587 min Scan# 306
Delta R.T. 0.013 min
Lab File: VL041537.D
Acq: 12 Aug 2024 15:51

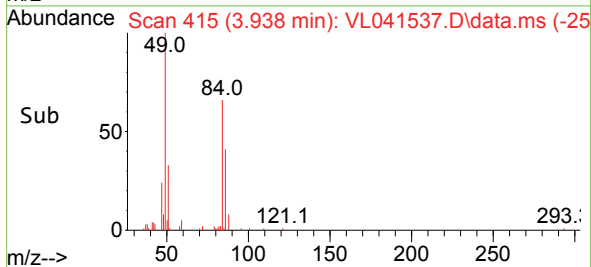
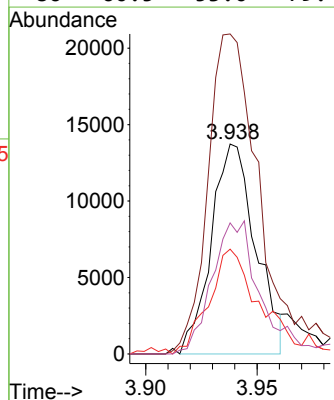
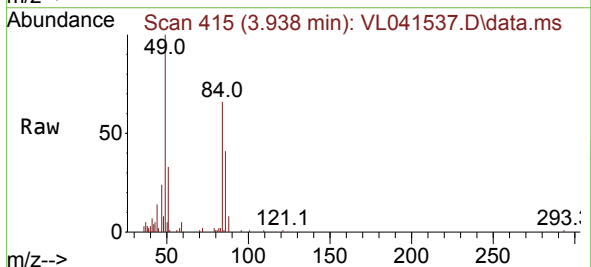
Instrument :
MSVOA_L
ClientSampleId :

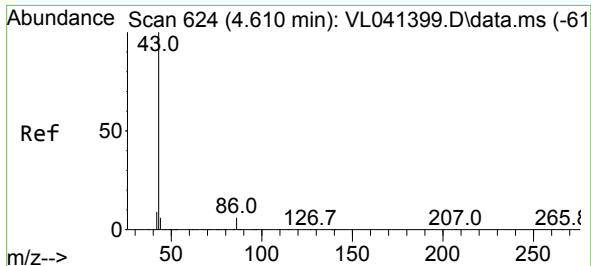
Tgt Ion: 45 Resp: 11247
Ion Ratio Lower Upper
45 100
58 0.0 1.9 2.9#



#20
Methylene Chloride
Concen: 0.465 ppbv
RT: 3.938 min Scan# 415
Delta R.T. 0.007 min
Lab File: VL041537.D
Acq: 12 Aug 2024 15:51

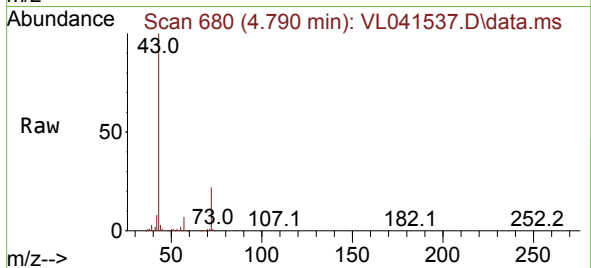
Tgt Ion: 84 Resp: 19024
Ion Ratio Lower Upper
84 100
49 147.2 126.6 190.0
51 47.7 38.6 58.0
86 60.5 53.0 79.4





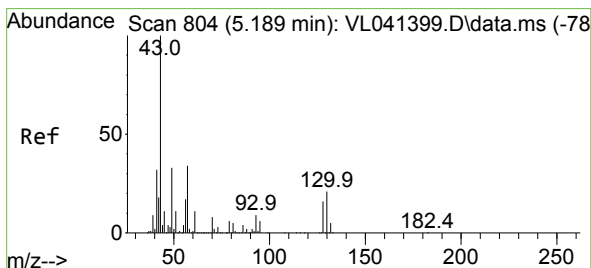
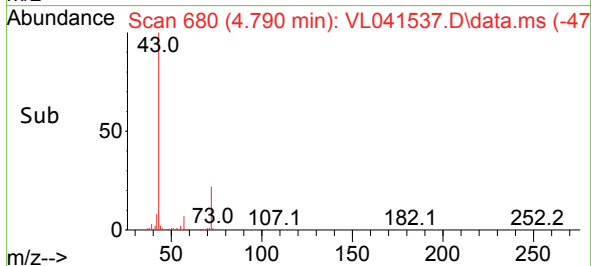
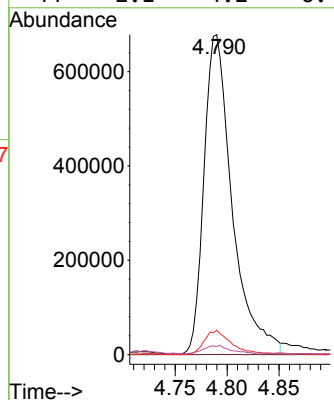
#23
 Vinyl Acetate
 Concen: 15.242 ppbv
 RT: 4.790 min Scan# 680
 Delta R.T. 0.164 min
 Lab File: VL041537.D
 Acq: 12 Aug 2024 15:51

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion: 43 Resp: 1277993

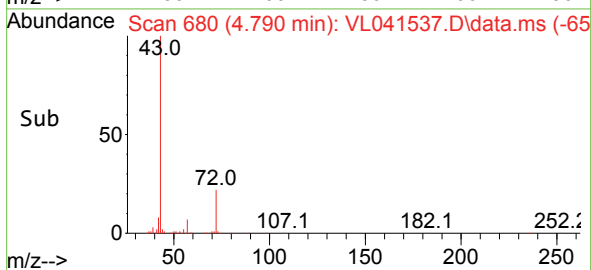
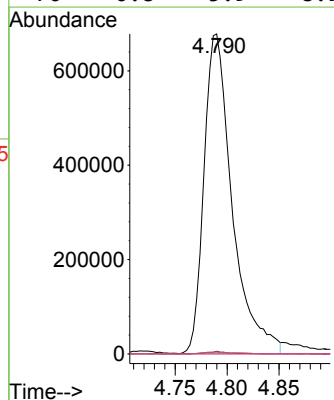
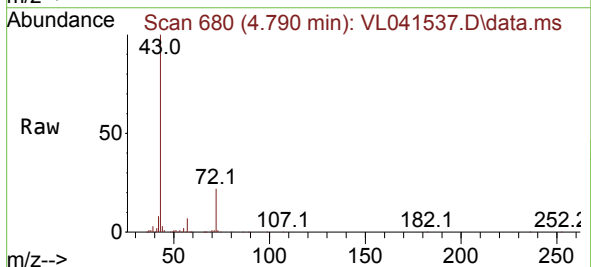
Ion	Ratio	Lower	Upper
43	100		
86	0.0	4.6	6.8#
42	7.5	7.9	11.9#
44	2.1	4.2	6.4#

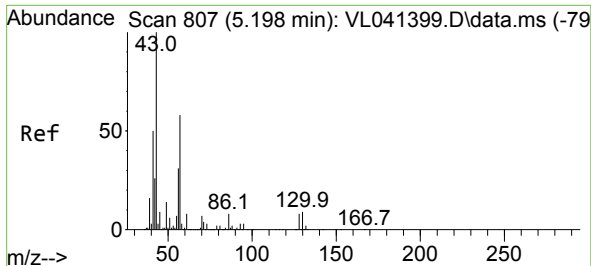


#25
 Ethyl Acetate
 Concen: 5.859 ppbv
 RT: 4.790 min Scan# 680
 Delta R.T. -0.411 min
 Lab File: VL041537.D
 Acq: 12 Aug 2024 15:51

Tgt Ion: 43 Resp: 1277993

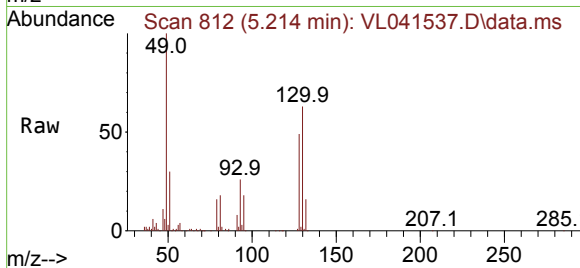
Ion	Ratio	Lower	Upper
43	100		
45	0.7	8.5	12.7#
61	0.0	8.0	12.0#
70	0.8	5.9	8.9#



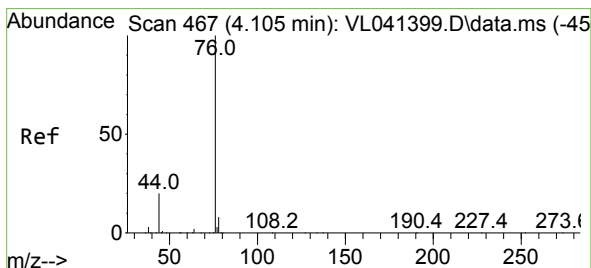
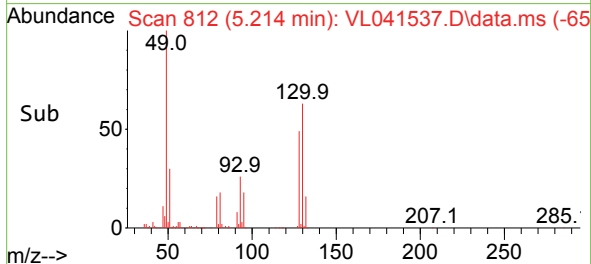
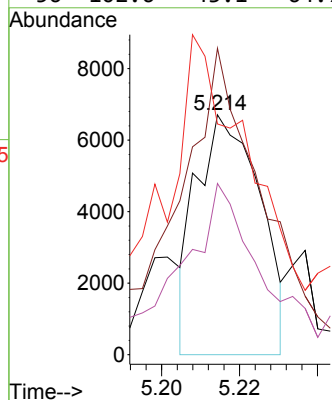


#26
Hexane
Concen: 0.084 ppbv
RT: 5.214 min Scan# 812
Delta R.T. 0.003 min
Lab File: VL041537.D
Acq: 12 Aug 2024 15:51

Instrument :
MSVOA_L
ClientSampleId :

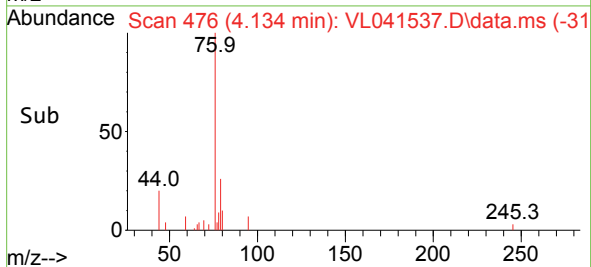
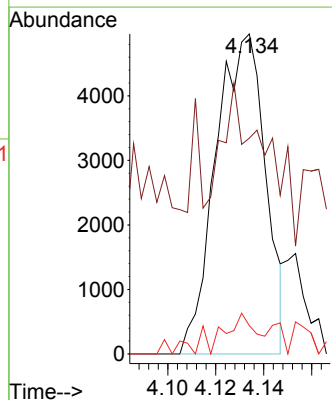
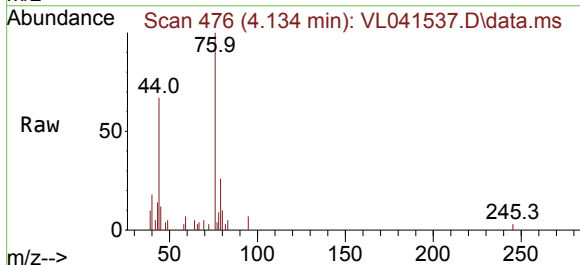


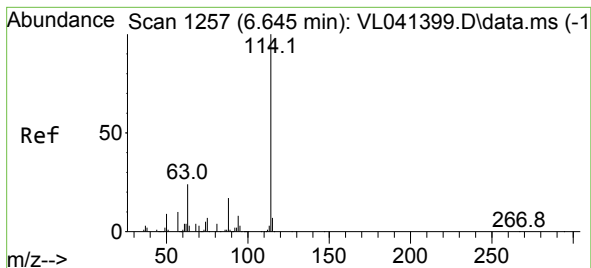
Tgt Ion	Ratio	Lower	Upper
57	100		
41	203.4	74.0	111.0#
43	0.0	193.6	290.4#
56	102.6	43.1	64.7#



#27
Carbon Disulfide
Concen: 0.067 ppbv
RT: 4.134 min Scan# 476
Delta R.T. 0.010 min
Lab File: VL041537.D
Acq: 12 Aug 2024 15:51

Tgt Ion	Ratio	Lower	Upper
76	100		
44	73.1	15.6	23.4#
78	12.1	7.7	11.5#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.655 min Scan# 114

Delta R.T. 0.003 min

Lab File: VL041537.D

Acq: 12 Aug 2024 15:51

Instrument :

MSVOA_L

ClientSampleId :

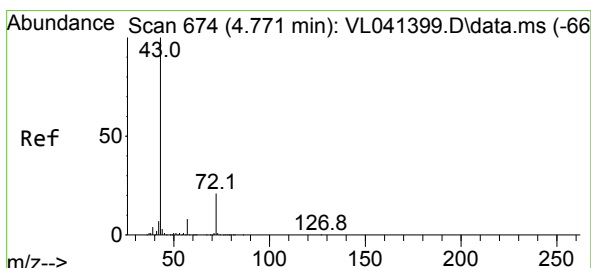
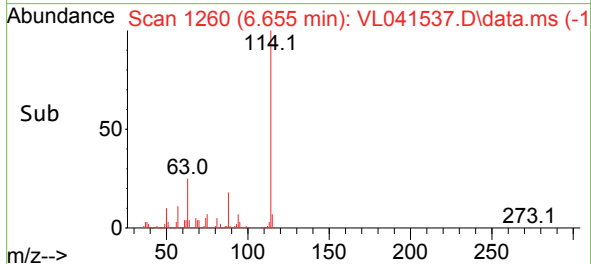
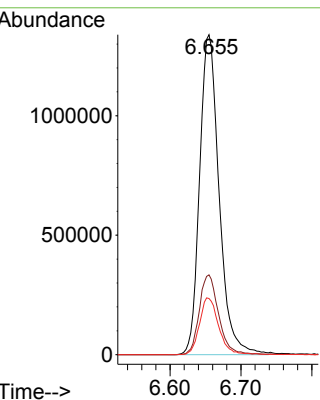
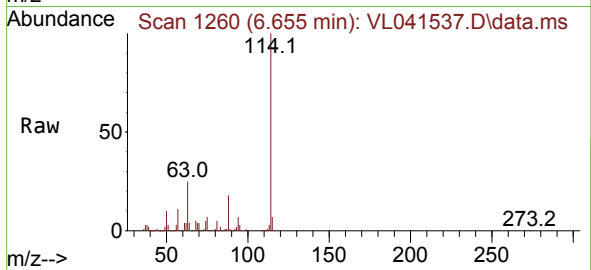
Tgt Ion:114 Resp: 2561986

Ion Ratio Lower Upper

114 100

63 25.0 20.3 30.5

88 17.6 14.3 21.5



#34

2-Butanone

Concen: 10.312 ppbv

RT: 4.790 min Scan# 680

Delta R.T. 0.007 min

Lab File: VL041537.D

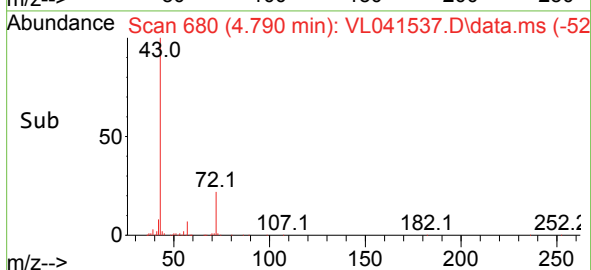
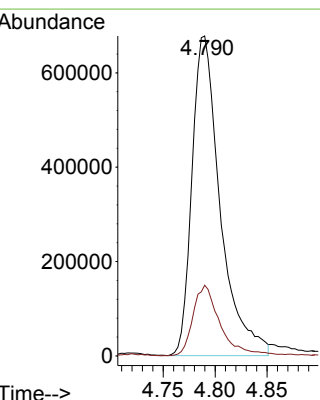
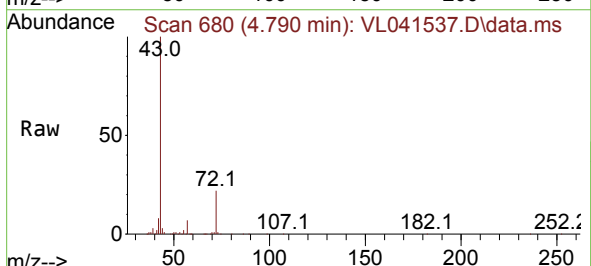
Acq: 12 Aug 2024 15:51

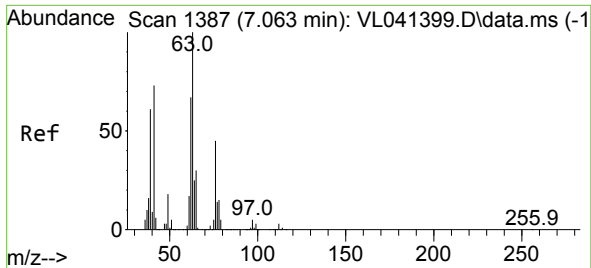
Tgt Ion: 43 Resp: 1277993

Ion Ratio Lower Upper

43 100

72 21.9 17.3 25.9





#39

1,2-Dichloropropane

Concen: 8.803 ppbv

RT: 6.655 min Scan# 11

Delta R.T. -0.418 min

Lab File: VL041537.D

Acq: 12 Aug 2024 15:51

Instrument :

MSVOA_L

ClientSampleId :

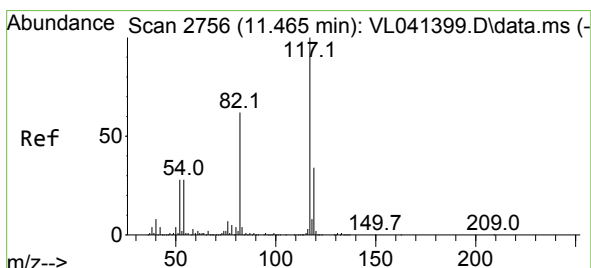
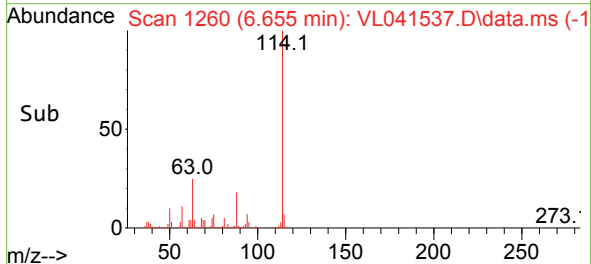
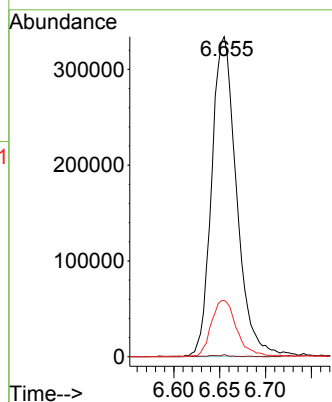
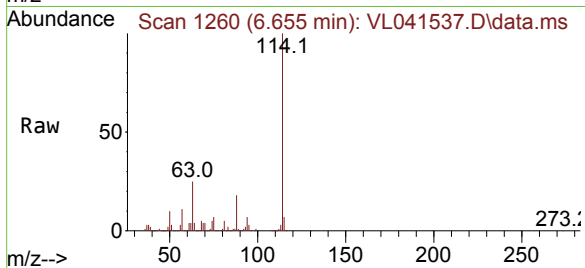
Tgt Ion: 63 Resp: 630925

Ion Ratio Lower Upper

63 100

41 0.5 58.3 87.5#

62 17.6 53.9 80.9#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.465 min Scan# 2756

Delta R.T. 0.000 min

Lab File: VL041537.D

Acq: 12 Aug 2024 15:51

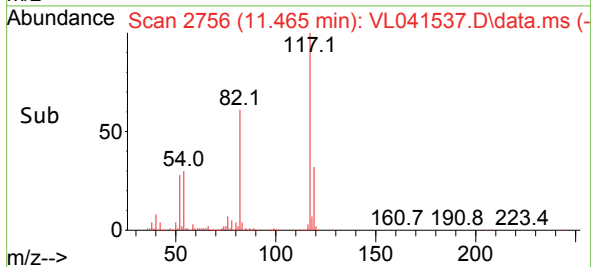
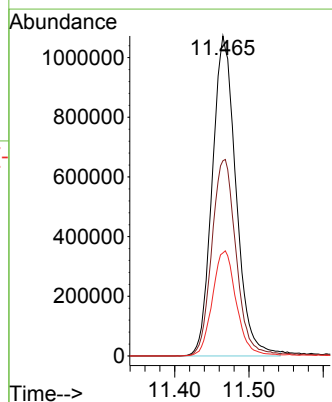
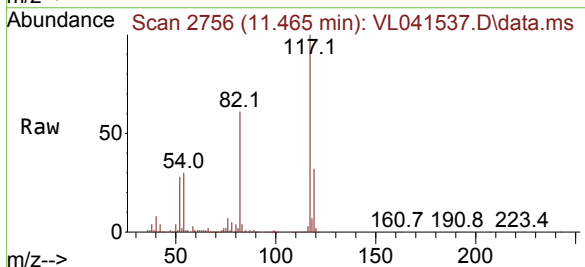
Tgt Ion: 117 Resp: 2386960

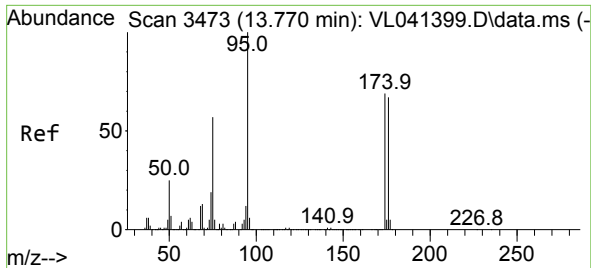
Ion Ratio Lower Upper

117 100

82 64.1 51.0 76.6

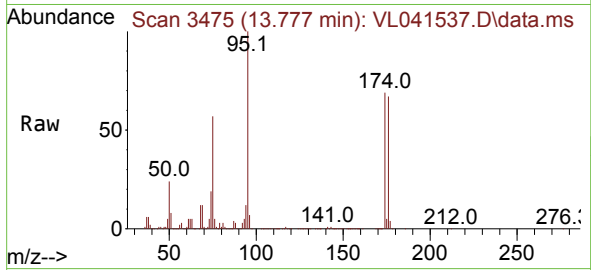
119 33.7 45.2 67.8#





#68
1-Bromo-4-Fluorobenzene
Concen: 9.924 ppbv
RT: 13.777 min Scan# 3475
Delta R.T. 0.003 min
Lab File: VL041537.D
Acq: 12 Aug 2024 15:51

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 95 Resp: 1822945
Ion Ratio Lower Upper
95 100
174 70.8 56.3 84.5
175 5.0 4.0 6.0

