

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081924\
 Data File : VL041550.D
 Acq On : 19 Aug 2024 16:25
 Operator : SY/MD
 Sample : P3658-03 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVI

Quant Time: Aug 20 02:18:44 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 20 02:10:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.211	49	1029484	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.674	114	2764447	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.491	117	2563772	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.799	95	2012941	10.203	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.000%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.748	85	18794	0.106	ppbv	99
3) Chlorodifluoromethane	2.671	51	69636	0.568	ppbv #	69
4) Chloromethane	2.832	50	5786	0.089	ppbv #	76
7) Chloroethane	3.218	64	785	0.035	ppbv	99
9) Propene	2.719	41	138081	2.453	ppbv #	80
10) Heptane	7.600	43	672215	5.314	ppbv	100
11) Trichlorofluoromethane	3.581	101	13698	0.087	ppbv	91
12) 1,1,2-Trichlorotri fluo...	4.083	101	3409	0.030	ppbv	95
13) Ethanol	3.269	45	41454	8.238	ppbv	87
15) Acetone	3.488	43	867764	7.419	ppbv #	50
16) 1,3-Butadiene	2.986	39	87318	1.397	ppbv #	28
17) tert-Butyl alcohol	3.906	59	22909	0.215	ppbv #	72
19) Isopropyl Alcohol	3.603	45	12202	0.178	ppbv #	93
20) Methylene Chloride	3.951	84	622634	14.274	ppbv	97
21) Allyl Chloride	3.751	41	2190070	28.550	ppbv #	50
23) Vinyl Acetate	4.626	43	477766	5.348	ppbv #	1
25) Ethyl Acetate	5.237	43	2021920	8.701	ppbv #	76
26) Hexane	5.234	57	2868931	29.761	ppbv #	37
27) Carbon Disulfide	4.147	76	30166	0.267	ppbv #	84
29) Chloroform	5.295	83	39876	0.254	ppbv	88
30) Cyclohexane	6.623	84	11858	0.151	ppbv #	59
34) 2-Butanone	4.806	43	1674694	12.523	ppbv	98
36) Benzene	6.391	78	110379	0.546	ppbv	97
38) Trichloroethene	7.317	130	3750	0.041	ppbv #	51
39) 1,2-Dichloropropane	6.674	63	681775	8.816	ppbv #	25
41) Tetrahydrofuran	5.314	42	11292	0.148	ppbv #	46
42) Bromodichloromethane	7.269	83	5174	0.032	ppbv #	25
44) 2,2,4-Trimethylpentane	7.346	57	50261	0.149	ppbv #	1
51) 2-Hexanone	9.581	43	167108	1.047	ppbv #	54
52) Tetrachloroethene	10.635	164	11739	0.150	ppbv #	81
53) Toluene	9.240	91	630889	2.804	ppbv	99
57) Chlorobenzene	11.539	112	6101	0.033	ppbv #	42
58) Ethyl Benzene	12.111	91	230247	0.779	ppbv	97
59) m/p-Xylene	12.365	91	960575	3.766	ppbv	96
60) o-Xylene	13.076	91	332473	1.378	ppbv	99
64) n-propylbenzene	14.941	120	10706	0.112	ppbv #	1
65) tert-Butylbenzene	16.124	119	32027	0.097	ppbv #	20
66) Benzyl Chloride	16.320	91	868	0.041	ppbv #	1
70) n-Butylbenzene	17.908	91	15929	0.041	ppbv #	1
72) 4-Ethyltoluene	15.214	105	160153	0.564	ppbv	97
73) 1,3,5-Trimethylbenzene	15.375	105	91500	0.374	ppbv	99
74) 1,2,4-Trimethylbenzene	16.124	105	516352	1.815	ppbv #	70
79) Naphthalene	21.410	128	33735	0.134	ppbv	97

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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Tue Aug 20 02:10:04 2024
Response via : Initial Calibration

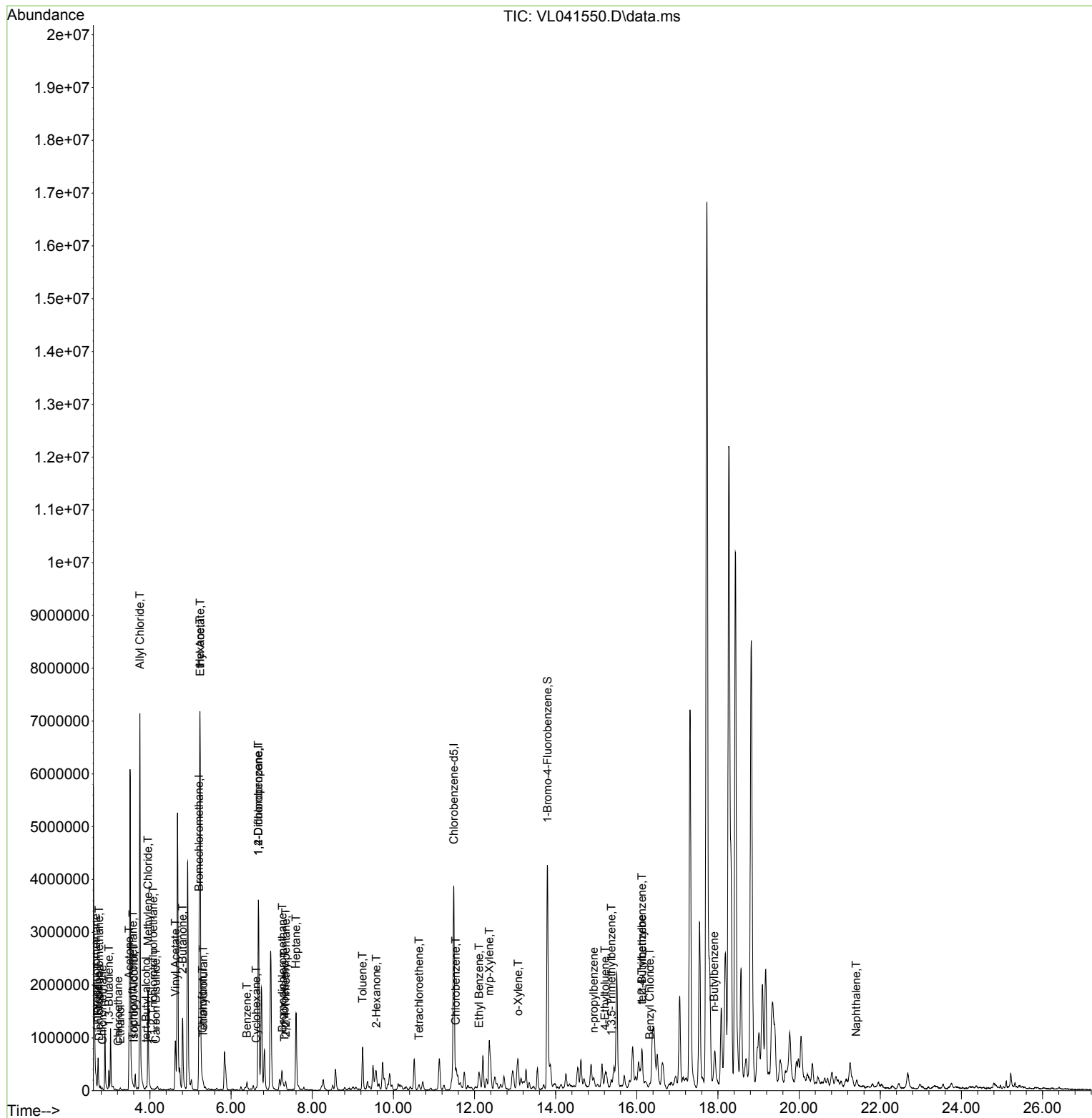
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

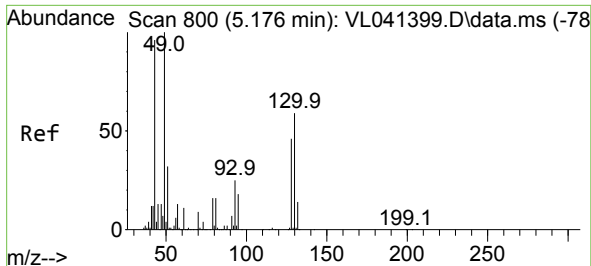
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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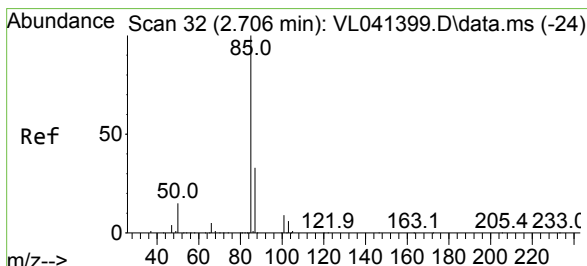
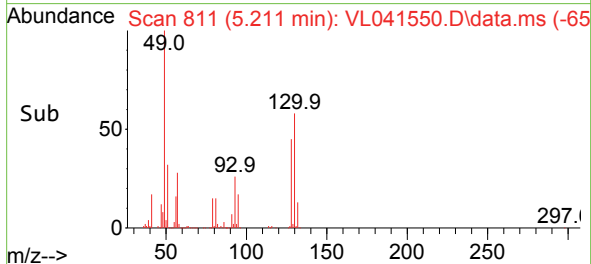
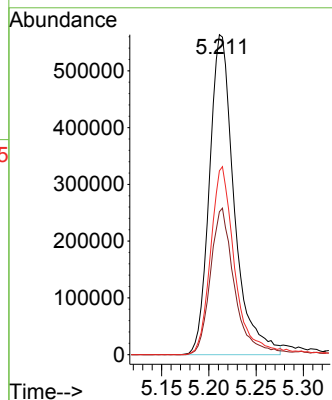
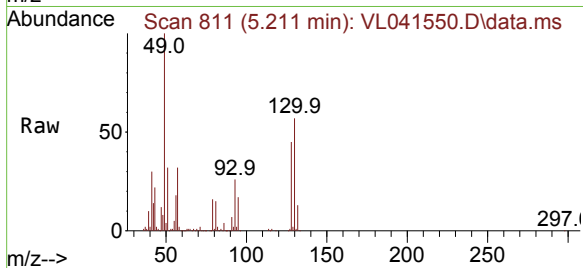




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.211 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VL041550.D
 Acq: 19 Aug 2024 16:25

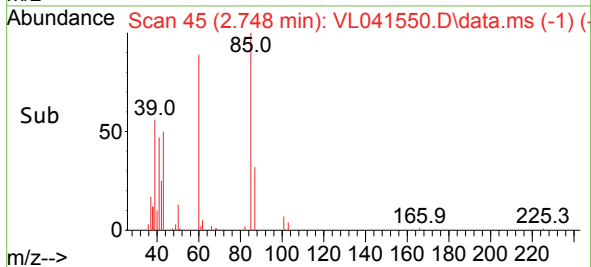
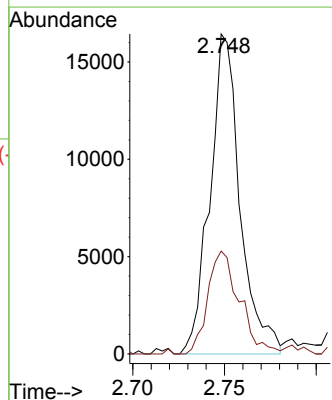
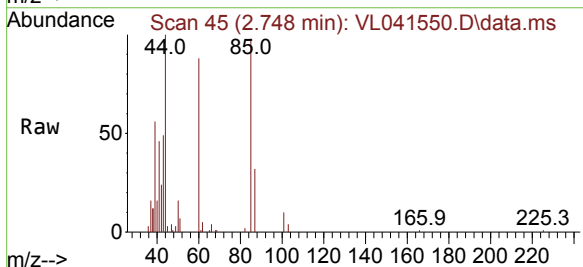
Instrument :
 MSVOA_L
 ClientSampleId :
 SVI

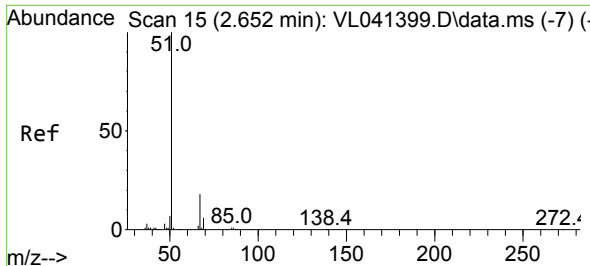
Tgt Ion: 49 Resp: 1029484
 Ion Ratio Lower Upper
 49 100
 128 45.9 23.8 71.4
 130 59.5 30.8 92.4



#2
 Dichlorodifluoromethane
 Concen: 0.106 ppbv
 RT: 2.748 min Scan# 45
 Delta R.T. 0.000 min
 Lab File: VL041550.D
 Acq: 19 Aug 2024 16:25

Tgt Ion: 85 Resp: 18794
 Ion Ratio Lower Upper
 85 100
 87 32.2 26.0 39.0

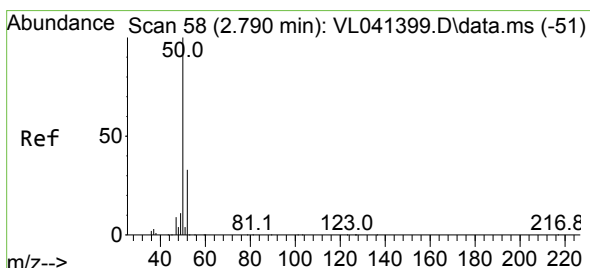
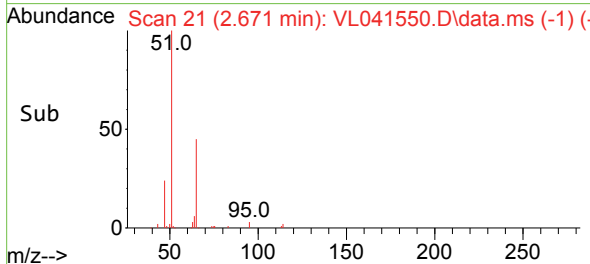
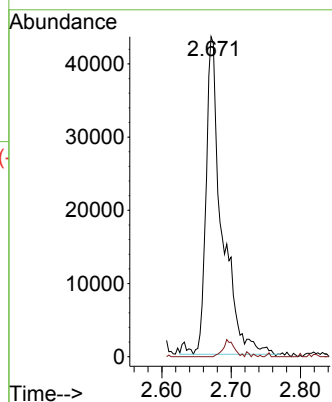
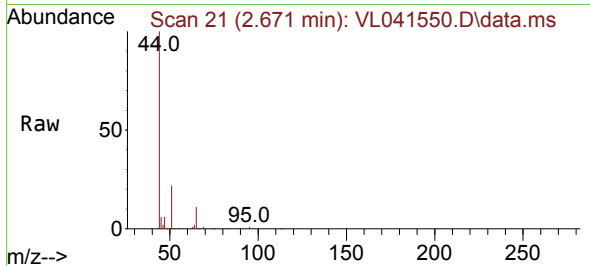




#3
Chlorodifluoromethane
Concen: 0.568 ppbv
RT: 2.671 min Scan# 21
Delta R.T. -0.022 min
Lab File: VL041550.D
Acq: 19 Aug 2024 16:25

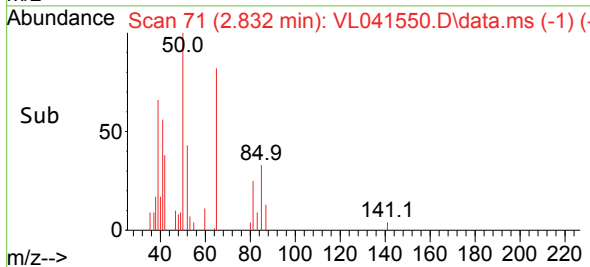
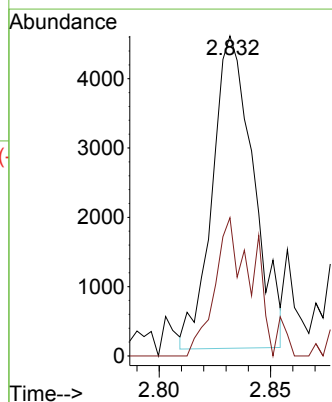
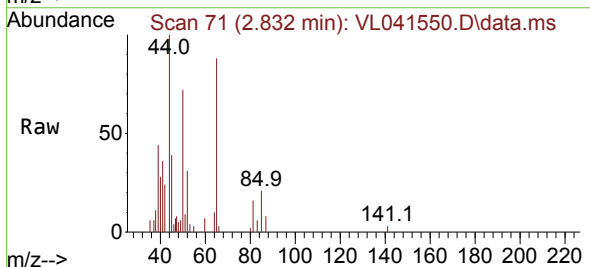
Instrument :
MSVOA_L
ClientSampleId :
SVI

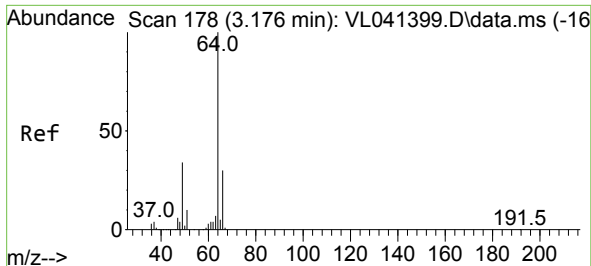
Tgt Ion: 51 Resp: 69636
Ion Ratio Lower Upper
51 100
67 4.3 14.5 21.7#



#4
Chloromethane
Concen: 0.089 ppbv
RT: 2.832 min Scan# 71
Delta R.T. 0.000 min
Lab File: VL041550.D
Acq: 19 Aug 2024 16:25

Tgt Ion: 50 Resp: 5786
Ion Ratio Lower Upper
50 100
52 45.9 26.1 39.1#

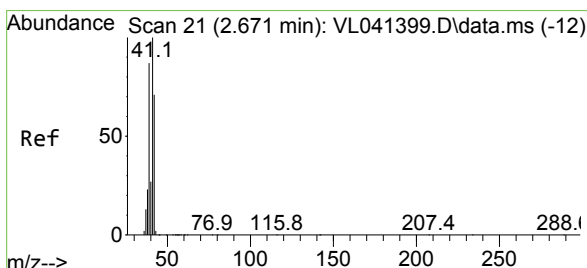
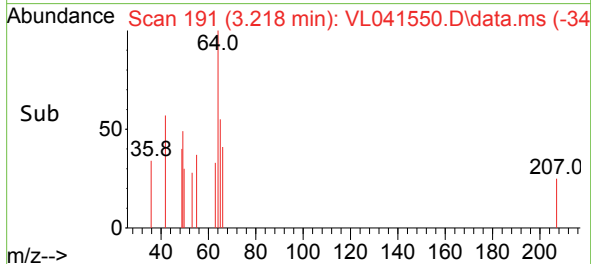
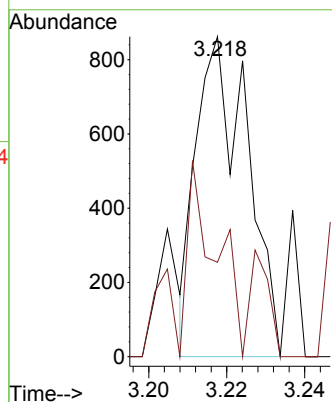
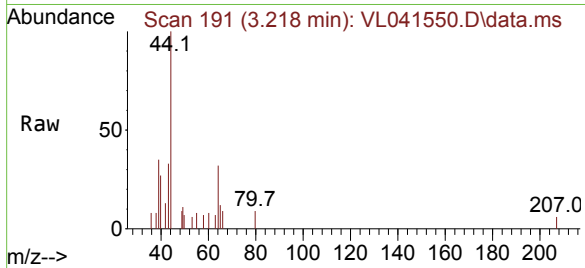




#7
Chloroethane
Concen: 0.035 ppbv
RT: 3.218 min Scan# 19
Delta R.T. 0.003 min
Lab File: VL041550.D
Acq: 19 Aug 2024 16:25

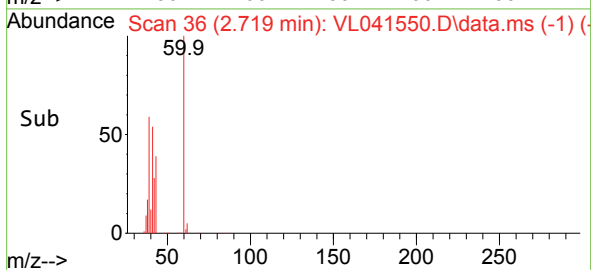
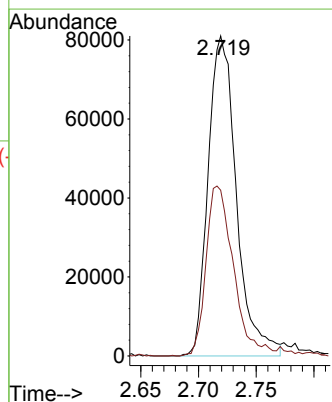
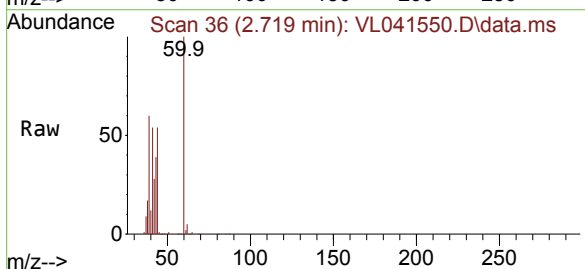
Instrument :
MSVOA_L
ClientSampleId :
SVI

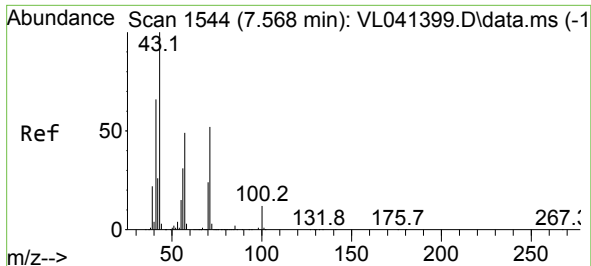
Tgt Ion: 64 Resp: 785
Ion Ratio Lower Upper
64 100
66 29.5 24.2 36.2



#9
Propene
Concen: 2.453 ppbv
RT: 2.719 min Scan# 36
Delta R.T. 0.006 min
Lab File: VL041550.D
Acq: 19 Aug 2024 16:25

Tgt Ion: 41 Resp: 138081
Ion Ratio Lower Upper
41 100
42 53.2 55.9 83.9#





#10

Heptane

Concen: 5.314 ppbv

RT: 7.600 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL041550.D

Acq: 19 Aug 2024 16:25

Instrument :

MSVOA_L

ClientSampleId :

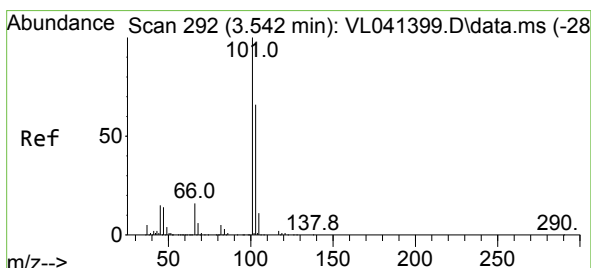
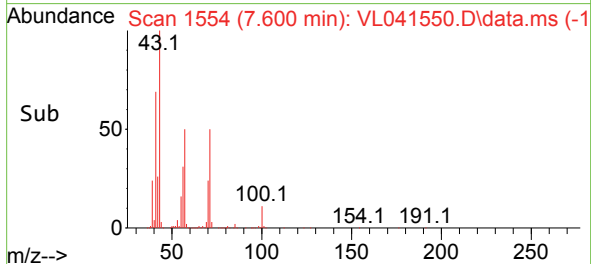
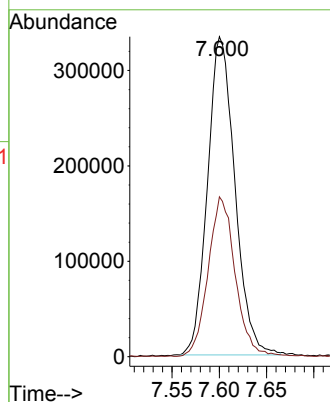
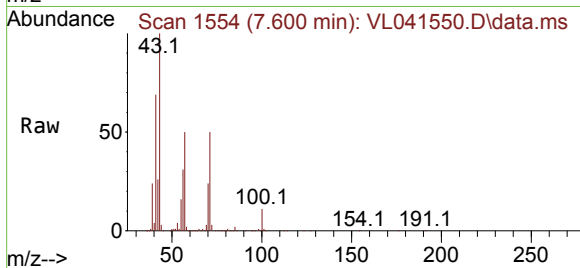
SVI

Tgt Ion: 43 Resp: 672215

Ion Ratio Lower Upper

43 100

57 50.3 40.5 60.7



#11

Trichlorofluoromethane

Concen: 0.087 ppbv

RT: 3.581 min Scan# 304

Delta R.T. 0.000 min

Lab File: VL041550.D

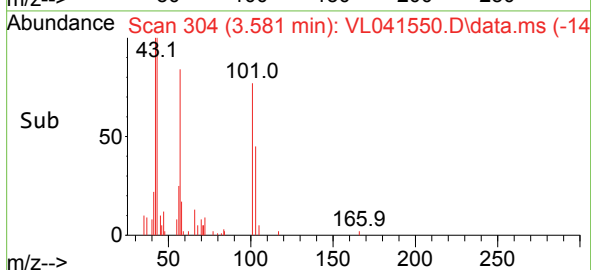
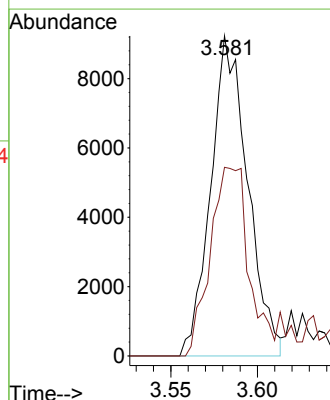
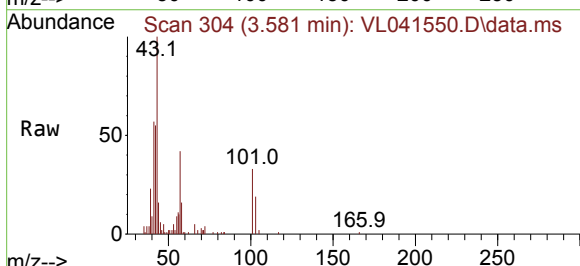
Acq: 19 Aug 2024 16:25

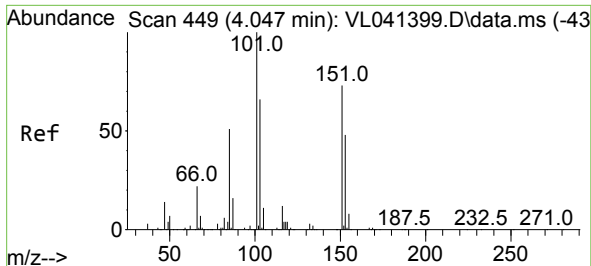
Tgt Ion: 101 Resp: 13698

Ion Ratio Lower Upper

101 100

103 58.9 52.6 79.0





#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.030 ppbv

RT: 4.083 min Scan# 4

Delta R.T. 0.000 min

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Acq: 19 Aug 2024 16:25

Instrument :

MSVOA_L

ClientSampleId :

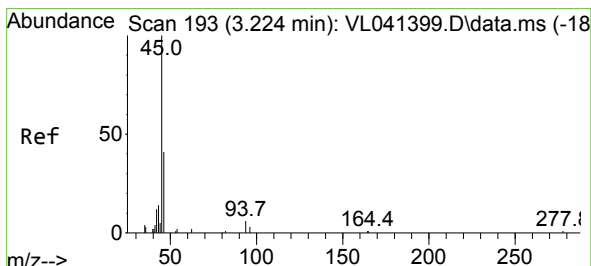
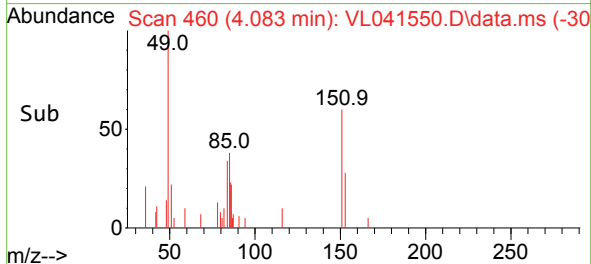
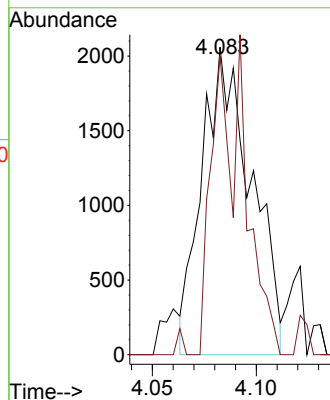
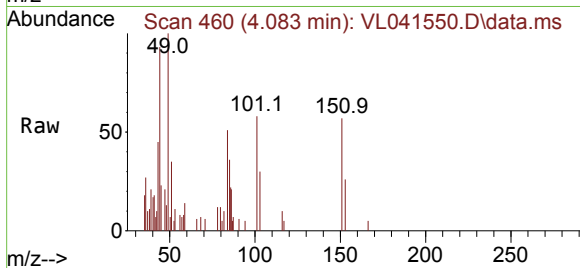
SVI

Tgt Ion:101 Resp: 3409

Ion Ratio Lower Upper

101 100

151 69.8 59.4 89.2



#13

Ethanol

Concen: 8.238 ppbv

RT: 3.269 min Scan# 207

Delta R.T. 0.013 min

Lab File: VL041550.D

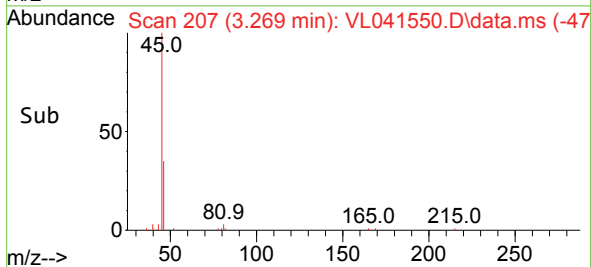
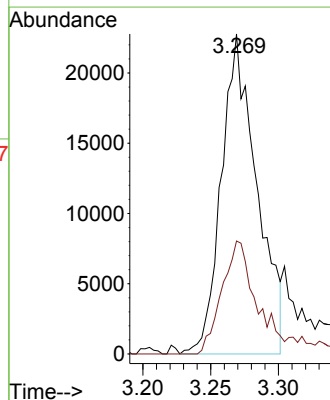
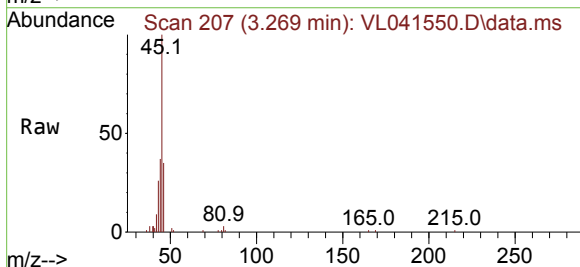
Acq: 19 Aug 2024 16:25

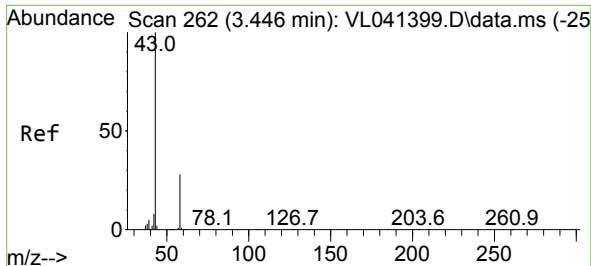
Tgt Ion: 45 Resp: 41454

Ion Ratio Lower Upper

45 100

46 40.6 13.4 53.4





#15

Acetone

Concen: 7.419 ppbv

RT: 3.488 min Scan# 21

Delta R.T. 0.003 min

Lab File: VL041550.D

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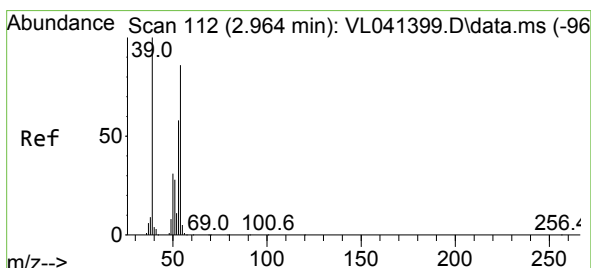
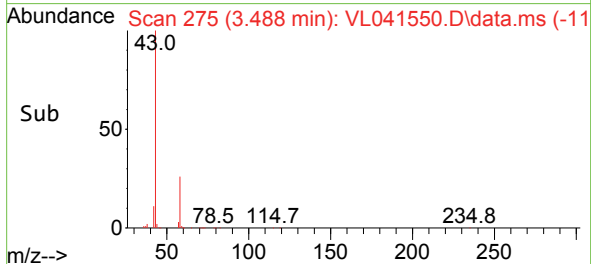
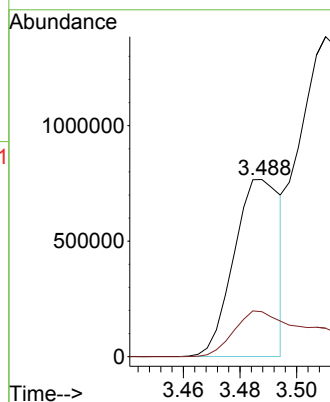
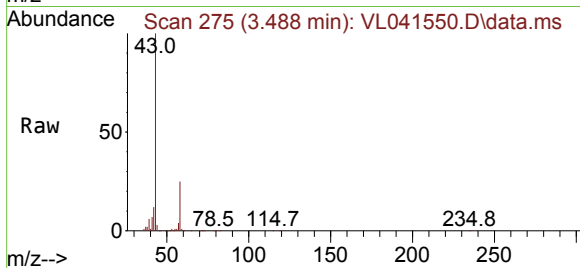
SVI

Tgt Ion: 43 Resp: 867764

Ion Ratio Lower Upper

43 100

58 52.5 21.4 32.2#



#16

1,3-Butadiene

Concen: 1.397 ppbv

RT: 2.986 min Scan# 119

Delta R.T. -0.016 min

Lab File: VL041550.D

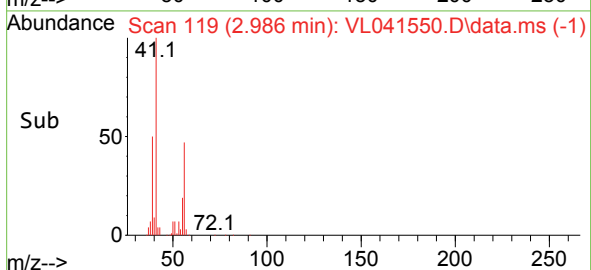
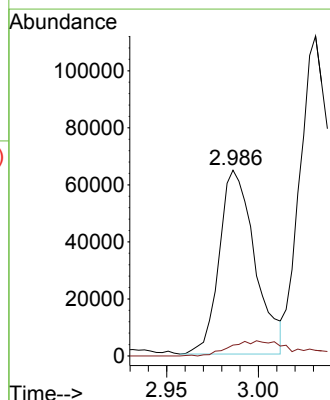
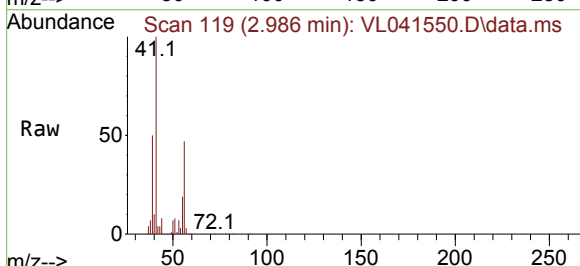
Acq: 19 Aug 2024 16:25

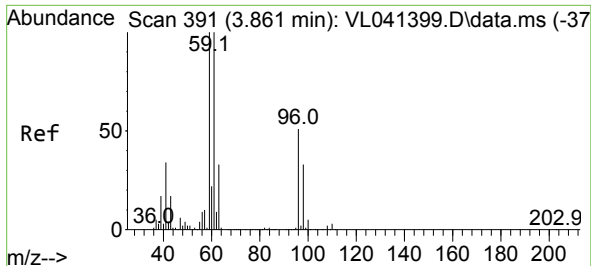
Tgt Ion: 39 Resp: 87318

Ion Ratio Lower Upper

39 100

54 15.6 62.5 93.7#

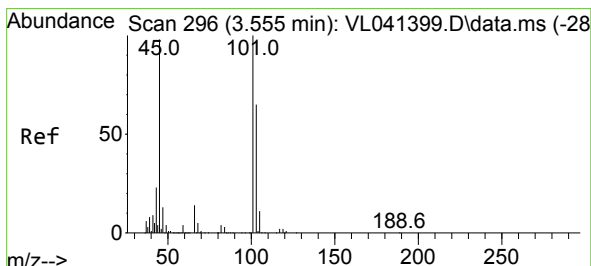
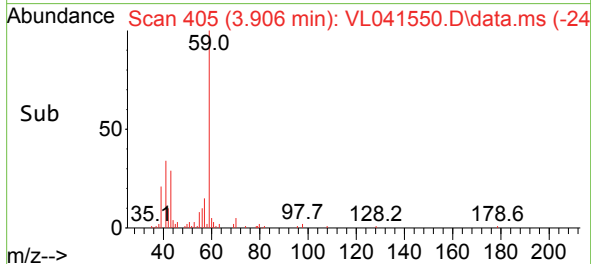
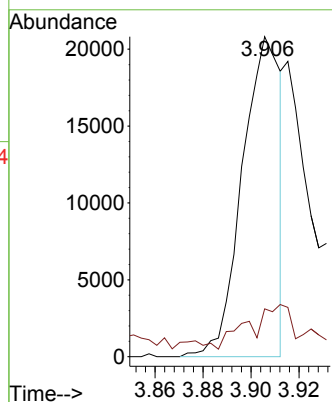
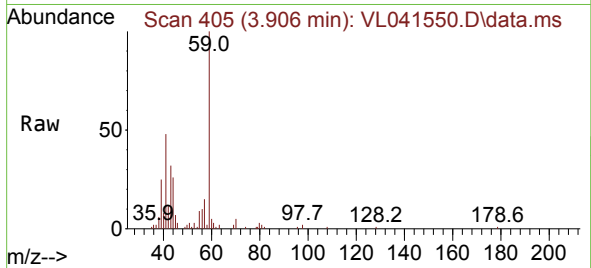




#17
tert-Butyl alcohol
Concen: 0.215 ppbv
RT: 3.906 min Scan# 405
Delta R.T. 0.013 min
Lab File: VL041550.D
Acq: 19 Aug 2024 16:25

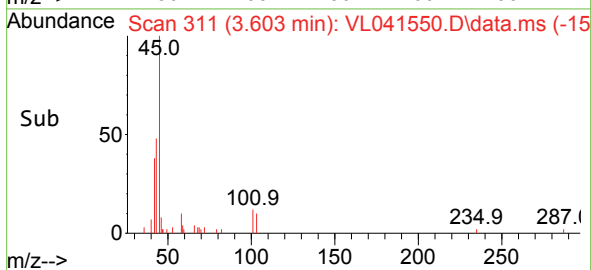
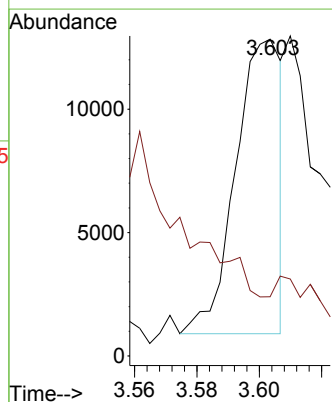
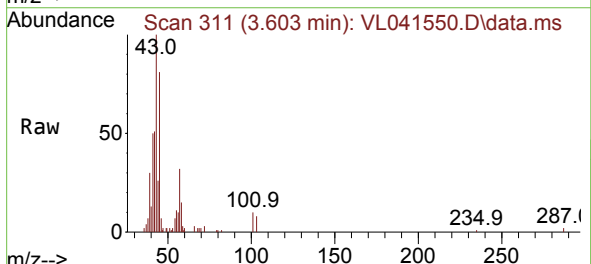
Instrument :
MSVOA_L
ClientSampleId :
SVI

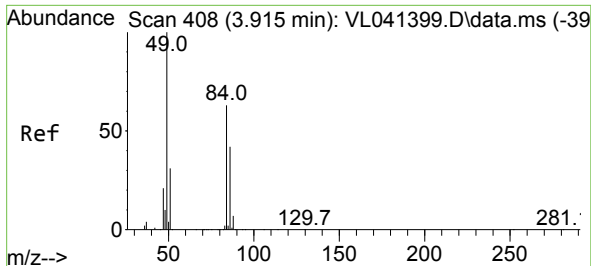
Tgt Ion: 59 Resp: 22909
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#19
Isopropyl Alcohol
Concen: 0.178 ppbv
RT: 3.603 min Scan# 311
Delta R.T. 0.013 min
Lab File: VL041550.D
Acq: 19 Aug 2024 16:25

Tgt Ion: 45 Resp: 12202
Ion Ratio Lower Upper
45 100
58 0.0 1.9 2.9#

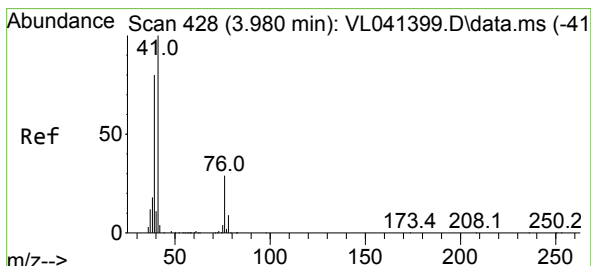
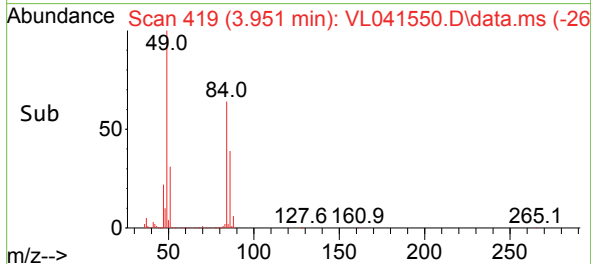
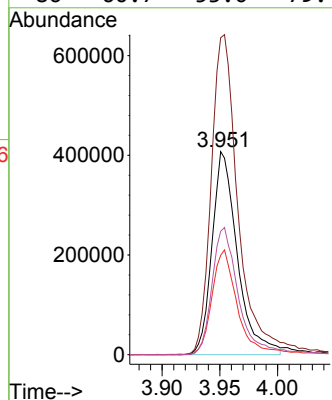
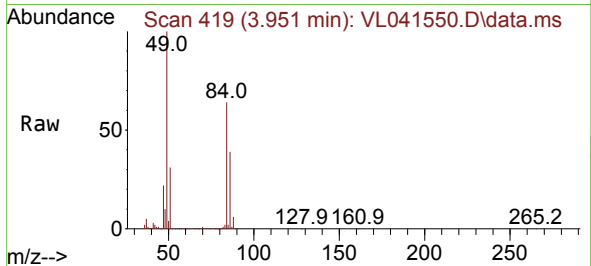




#20
Methylene Chloride
Concen: 14.274 ppbv
RT: 3.951 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL041550.D
Acq: 19 Aug 2024 16:25

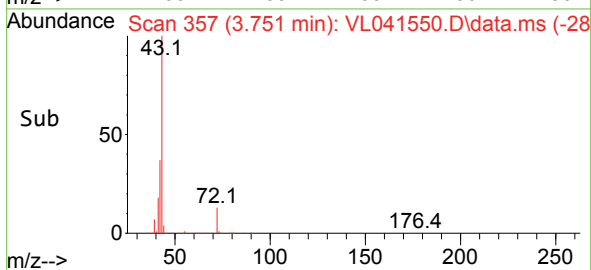
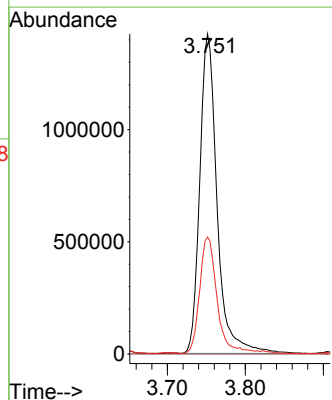
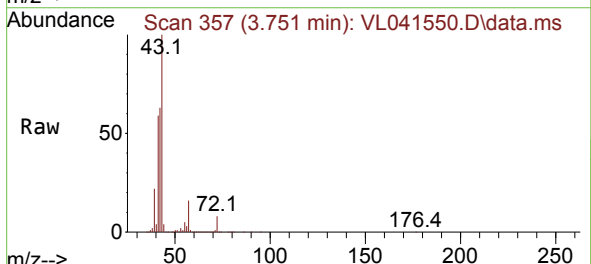
Instrument :
MSVOA_L
ClientSampleId :
SVI

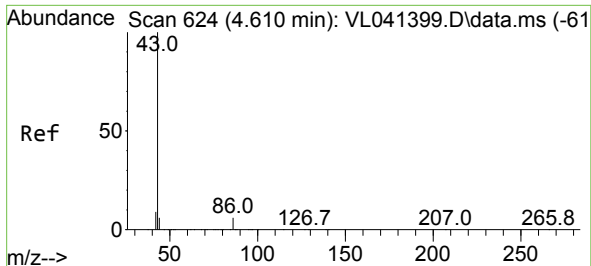
Tgt Ion: 84 Resp: 622634
Ion Ratio Lower Upper
84 100
49 156.1 126.6 190.0
51 48.6 38.6 58.0
86 60.7 53.0 79.4



#21
Allyl Chloride
Concen: 28.550 ppbv
RT: 3.751 min Scan# 357
Delta R.T. -0.260 min
Lab File: VL041550.D
Acq: 19 Aug 2024 16:25

Tgt Ion: 41 Resp: 2190070
Ion Ratio Lower Upper
41 100
76 0.0 23.7 35.5#
39 38.1 64.3 96.5#



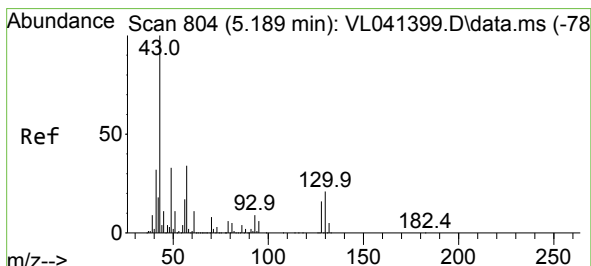
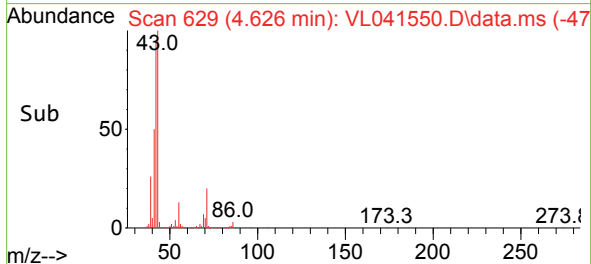
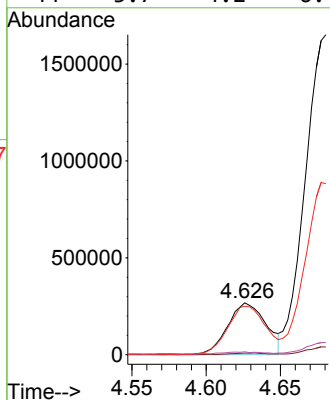
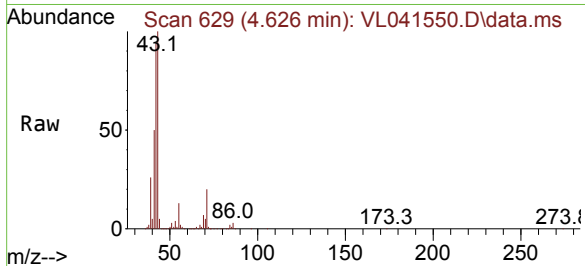


#23
 Vinyl Acetate
 Concen: 5.348 ppbv
 RT: 4.626 min Scan# 61
 Delta R.T. -0.016 min
 Lab File: VL041550.D
 Acq: 19 Aug 2024 16:25

Instrument :
 MSVOA_L
 ClientSampleId :
 SVI

Tgt Ion: 43 Resp: 477766

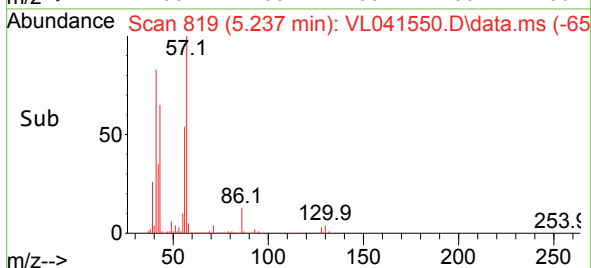
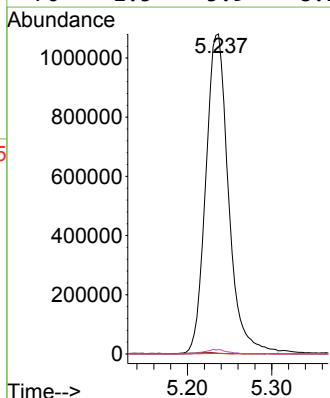
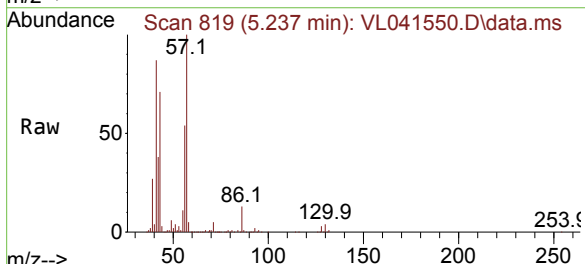
Ion	Ratio	Lower	Upper
43	100		
86	3.0	4.6	6.8#
42	93.5	7.9	11.9#
44	3.7	4.2	6.4#

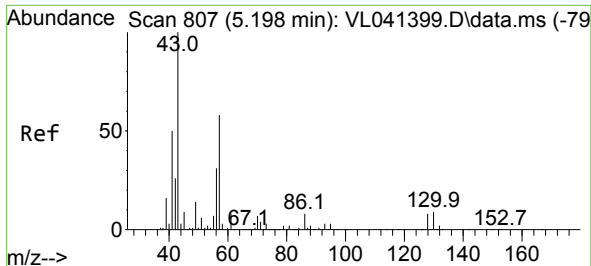


#25
 Ethyl Acetate
 Concen: 8.701 ppbv
 RT: 5.237 min Scan# 819
 Delta R.T. 0.016 min
 Lab File: VL041550.D
 Acq: 19 Aug 2024 16:25

Tgt Ion: 43 Resp: 2021920

Ion	Ratio	Lower	Upper
43	100		
45	0.7	8.5	12.7#
61	0.2	8.0	12.0#
70	1.5	5.9	8.9#



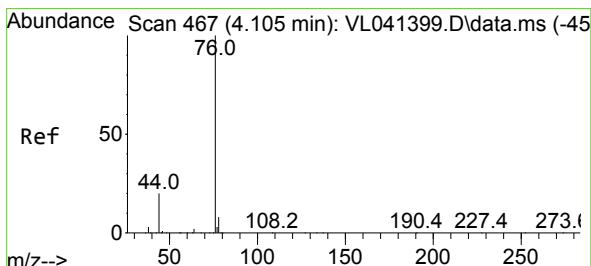
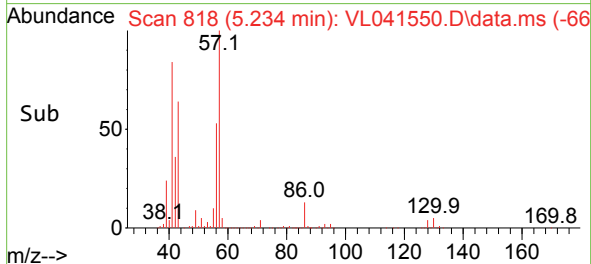
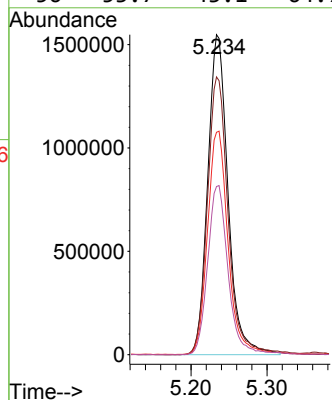
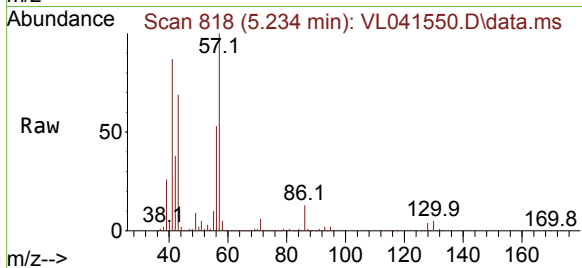


#26
Hexane
Concen: 29.761 ppbv
RT: 5.234 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL041550.D
Acq: 19 Aug 2024 16:25

Instrument :
MSVOA_L
ClientSampleId :
SVI

Tgt Ion: 57 Resp: 2868931

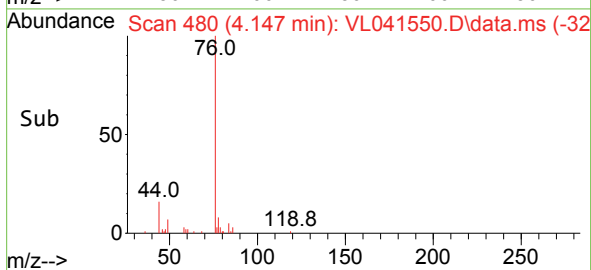
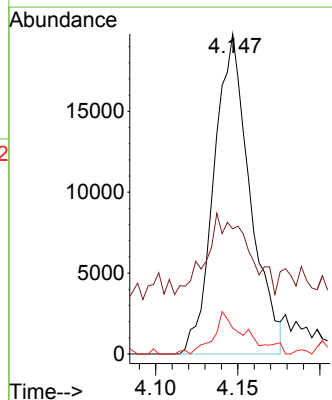
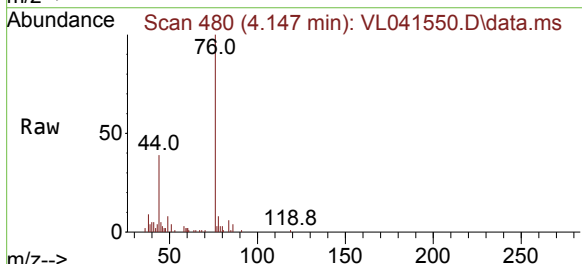
Ion	Ratio	Lower	Upper
57	100		
41	89.3	74.0	111.0
43	70.9	193.6	290.4#
56	53.7	43.1	64.7

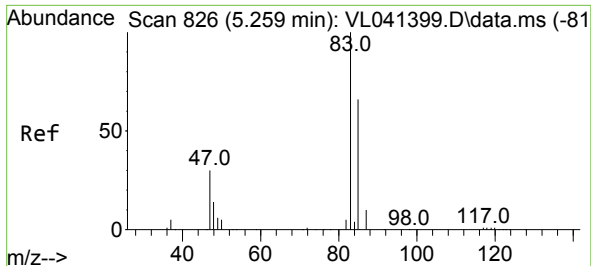


#27
Carbon Disulfide
Concen: 0.267 ppbv
RT: 4.147 min Scan# 480
Delta R.T. 0.003 min
Lab File: VL041550.D
Acq: 19 Aug 2024 16:25

Tgt Ion: 76 Resp: 30166

Ion	Ratio	Lower	Upper
76	100		
44	29.4	15.6	23.4#
78	11.7	7.7	11.5#





#29

Chloroform

Concen: 0.254 ppbv

RT: 5.295 min Scan# 81

Delta R.T. 0.000 min

Lab File: VL041550.D

Acq: 19 Aug 2024 16:25

Instrument :

MSVOA_L

ClientSampleId :

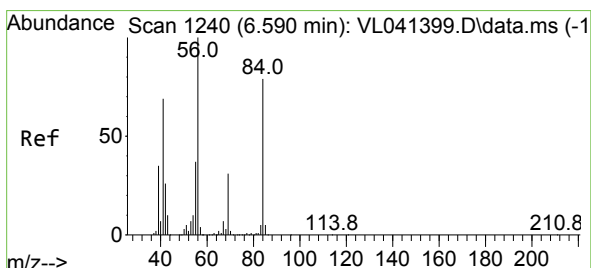
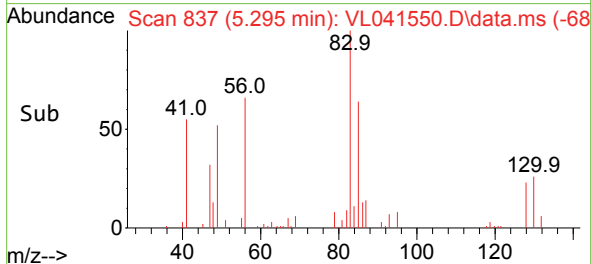
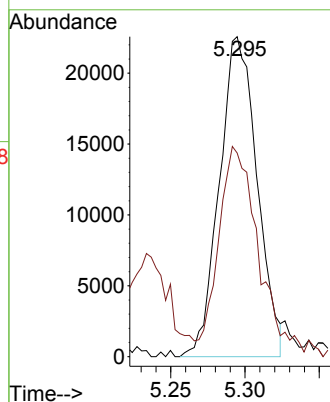
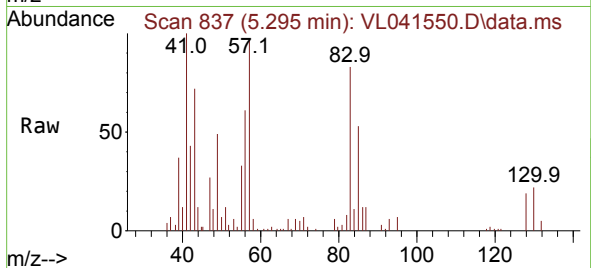
SVI

Tgt Ion: 83 Resp: 39876

Ion Ratio Lower Upper

83 100

85 57.1 53.1 79.7



#30

Cyclohexane

Concen: 0.151 ppbv

RT: 6.623 min Scan# 1250

Delta R.T. 0.000 min

Lab File: VL041550.D

Acq: 19 Aug 2024 16:25

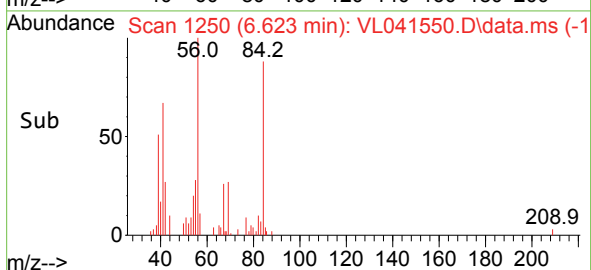
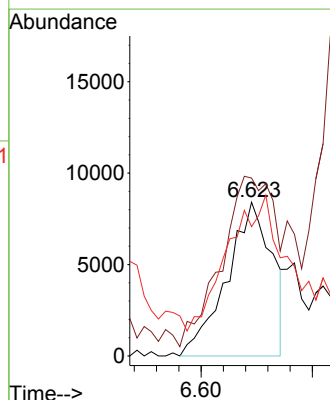
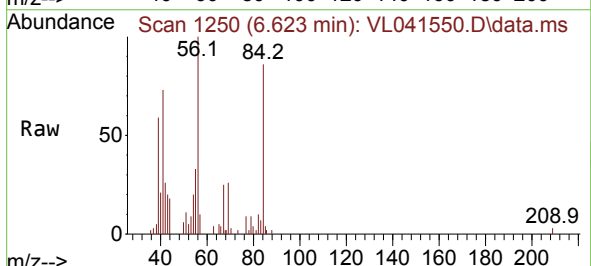
Tgt Ion: 84 Resp: 11858

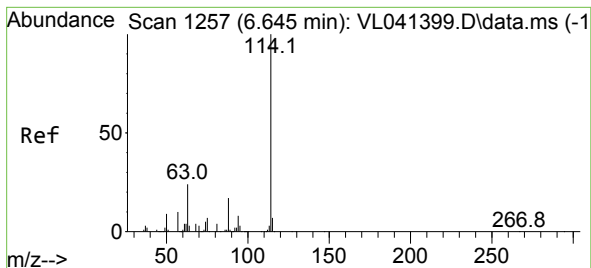
Ion Ratio Lower Upper

84 100

56 147.1 111.2 166.8

41 0.0 70.3 105.5#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.674 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL041550.D

Acq: 19 Aug 2024 16:25

Instrument :

MSVOA_L

ClientSampleId :

SVI

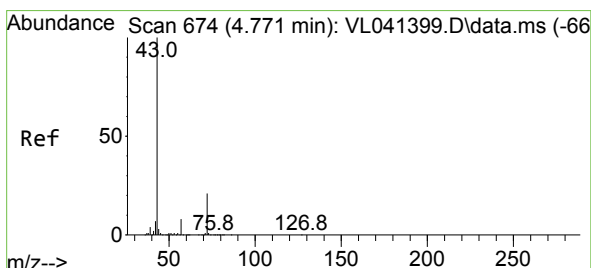
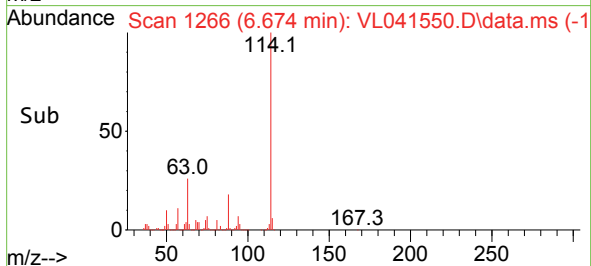
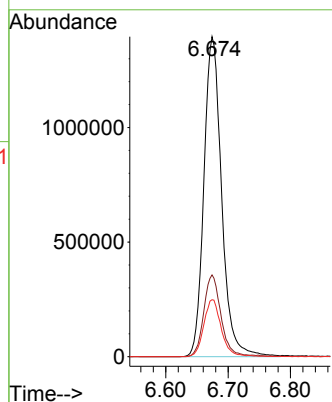
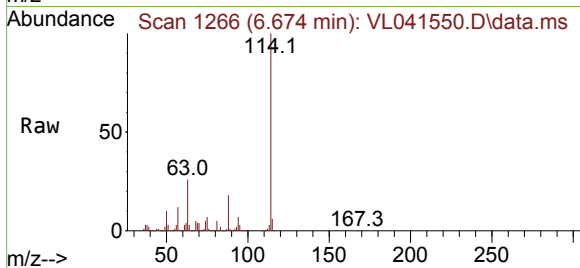
Tgt Ion:114 Resp: 2764447

Ion Ratio Lower Upper

114 100

63 25.1 20.3 30.5

88 17.7 14.3 21.5



#34

2-Butanone

Concen: 12.523 ppbv

RT: 4.806 min Scan# 685

Delta R.T. 0.003 min

Lab File: VL041550.D

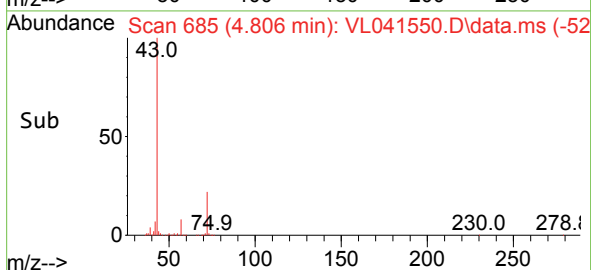
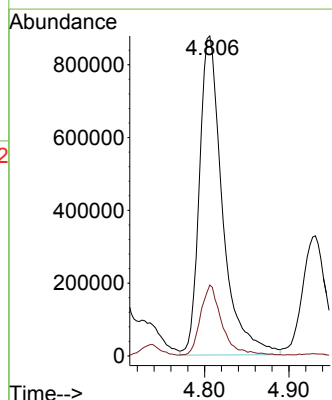
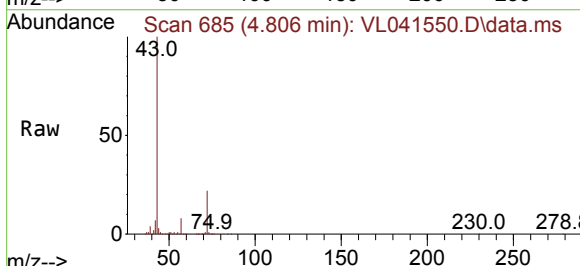
Acq: 19 Aug 2024 16:25

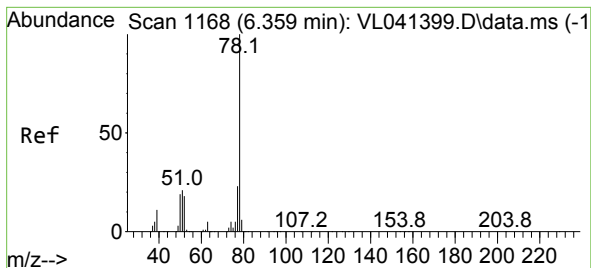
Tgt Ion: 43 Resp: 1674694

Ion Ratio Lower Upper

43 100

72 20.9 17.3 25.9





#36

Benzene

Concen: 0.546 ppbv

RT: 6.391 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VL041550.D

Acq: 19 Aug 2024 16:25

Instrument :

MSVOA_L

ClientSampleId :

SVI

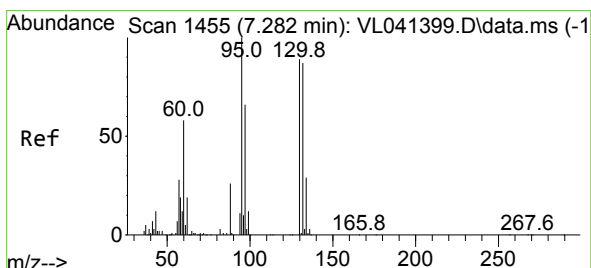
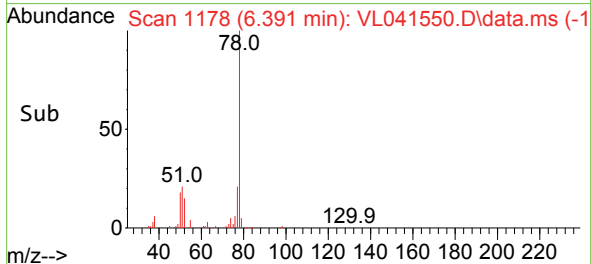
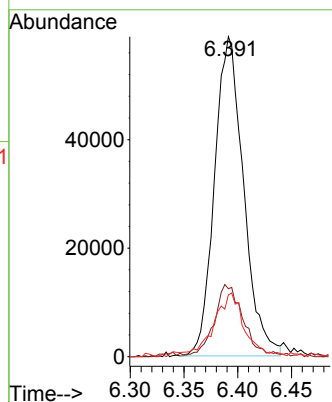
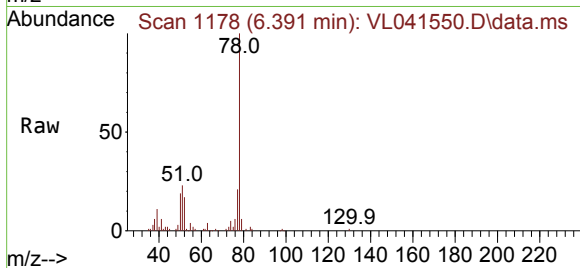
Tgt Ion: 78 Resp: 110379

Ion Ratio Lower Upper

78 100

77 20.5 18.1 27.1

50 18.4 15.5 23.3



#38

Trichloroethene

Concen: 0.041 ppbv

RT: 7.317 min Scan# 1466

Delta R.T. 0.006 min

Lab File: VL041550.D

Acq: 19 Aug 2024 16:25

Tgt Ion: 130 Resp: 3750

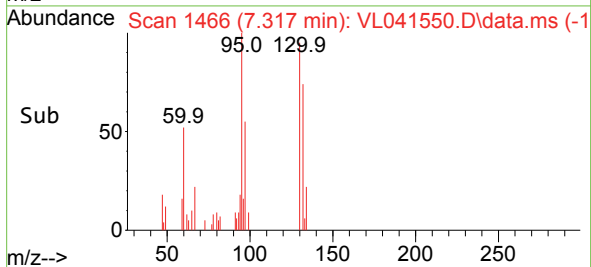
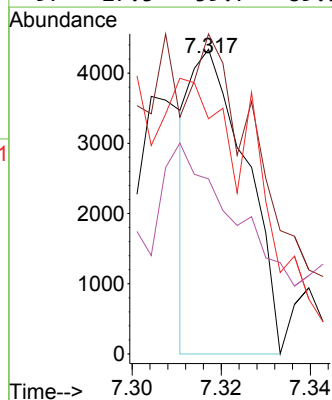
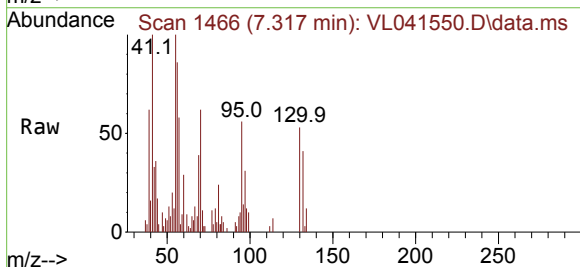
Ion Ratio Lower Upper

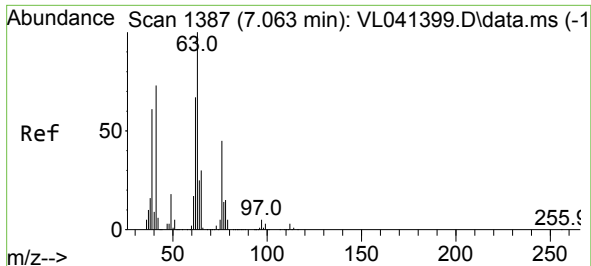
130 100

95 64.6 90.2 135.2#

132 50.5 78.1 117.1#

97 27.5 59.7 89.5#





#39

1,2-Dichloropropane

Concen: 8.816 ppbv

RT: 6.674 min Scan# 1

Delta R.T. -0.421 min

Lab File: VL041550.D

Acq: 19 Aug 2024 16:25

Instrument :

MSVOA_L

ClientSampleId :

SVI

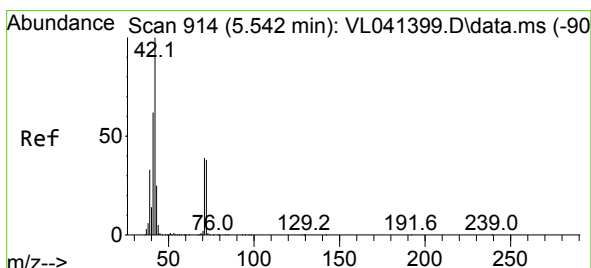
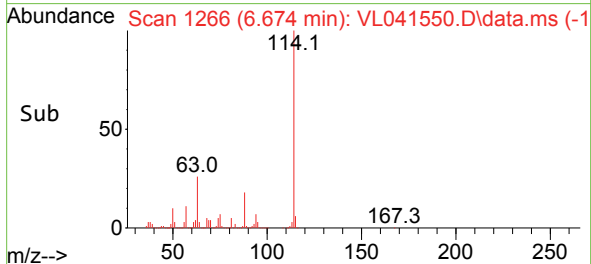
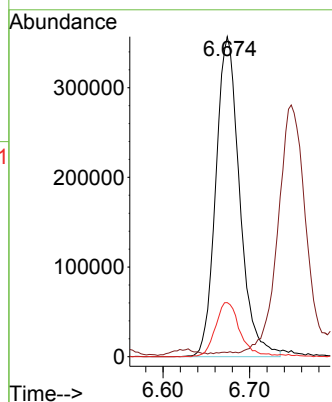
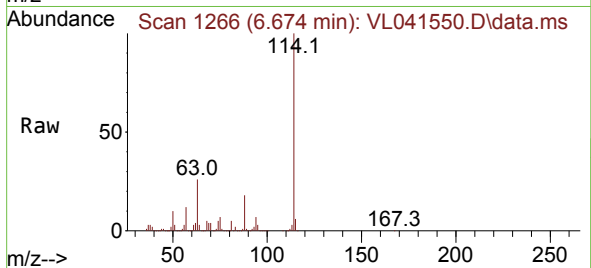
Tgt Ion: 63 Resp: 681775

Ion Ratio Lower Upper

63 100

41 0.0 58.3 87.5#

62 16.9 53.9 80.9#



#41

Tetrahydrofuran

Concen: 0.148 ppbv

RT: 5.314 min Scan# 843

Delta R.T. -0.260 min

Lab File: VL041550.D

Acq: 19 Aug 2024 16:25

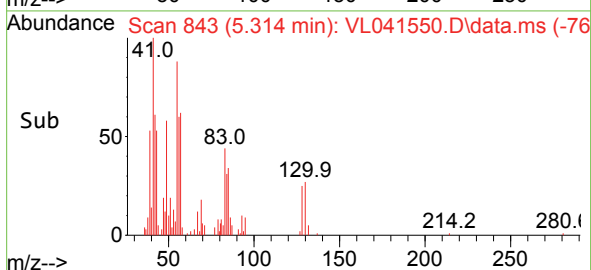
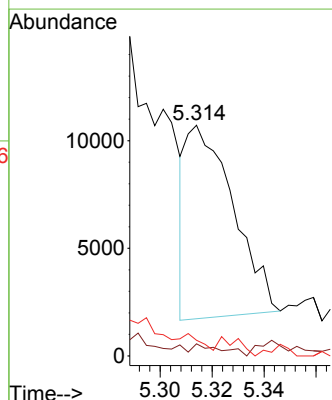
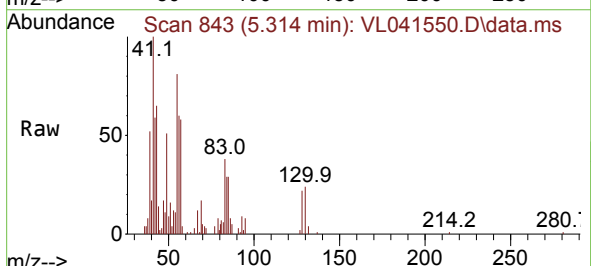
Tgt Ion: 42 Resp: 11292

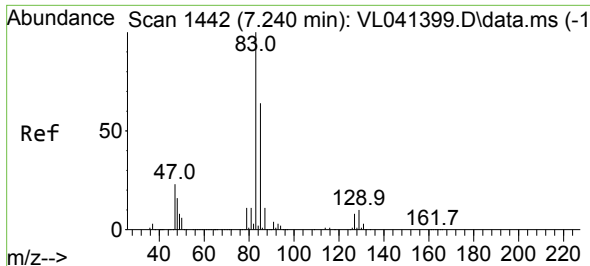
Ion Ratio Lower Upper

42 100

72 11.7 31.2 46.8#

71 0.0 30.5 45.7#





#42

Bromodichloromethane

Concen: 0.032 ppbv

RT: 7.269 min Scan# 1442

Delta R.T. 0.000 min

Lab File: VL041550.D

Acq: 19 Aug 2024 16:25

Instrument :

MSVOA_L

ClientSampleId :

SVI

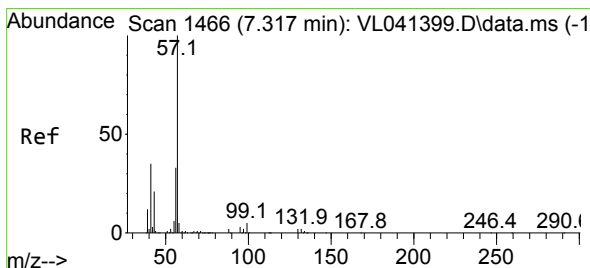
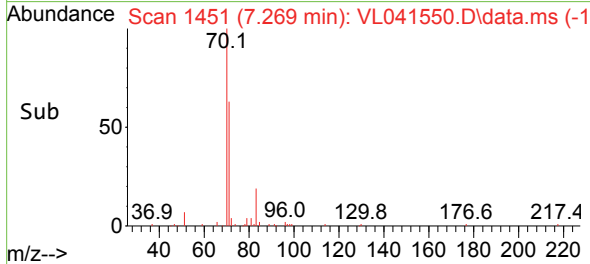
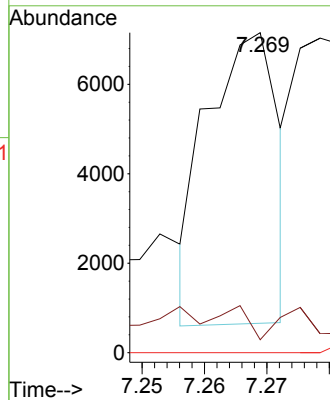
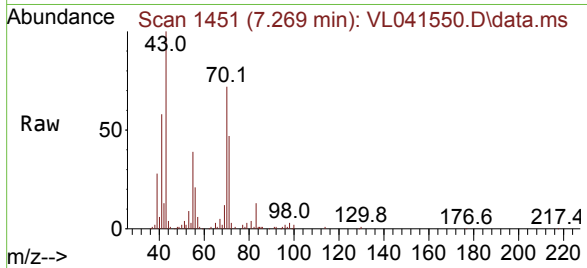
Tgt Ion: 83 Resp: 5174

Ion Ratio Lower Upper

83 100

85 0.0 51.4 77.0#

127 0.0 6.7 10.1#



#44

2,2,4-Trimethylpentane

Concen: 0.149 ppbv

RT: 7.346 min Scan# 1475

Delta R.T. 0.003 min

Lab File: VL041550.D

Acq: 19 Aug 2024 16:25

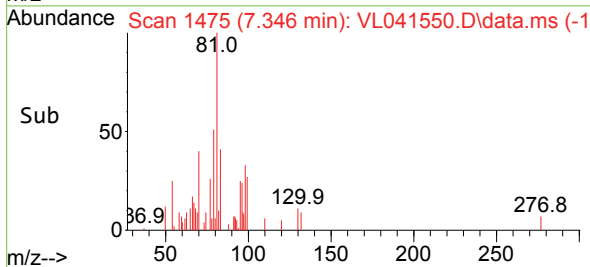
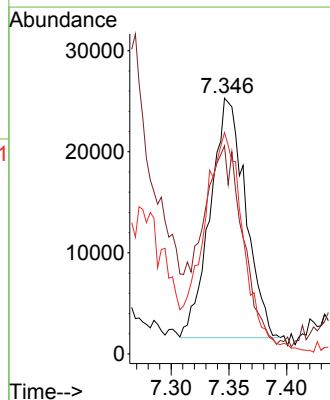
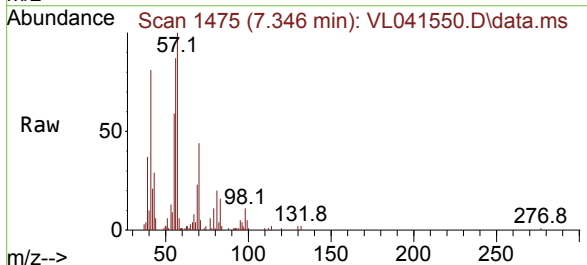
Tgt Ion: 57 Resp: 50261

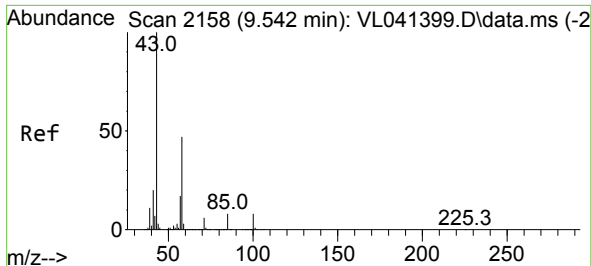
Ion Ratio Lower Upper

57 100

41 94.6 27.0 40.6#

56 101.2 25.2 37.8#

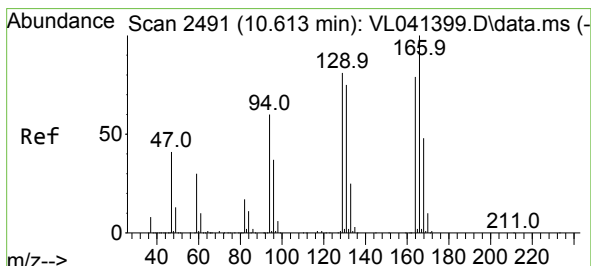
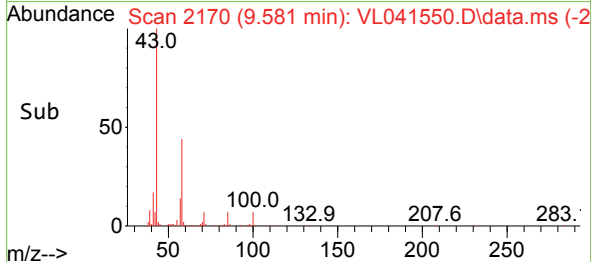
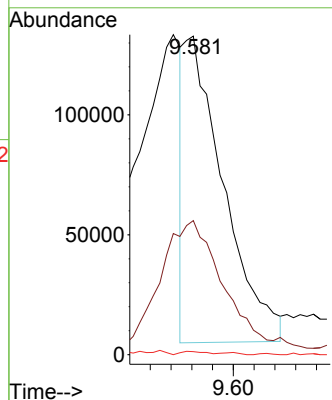
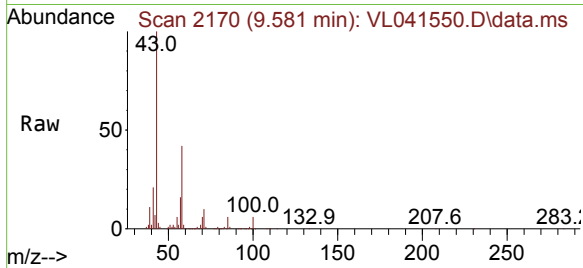




#51
2-Hexanone
Concen: 1.047 ppbv
RT: 9.581 min Scan# 2158
Delta R.T. 0.010 min
Lab File: VL041550.D
Acq: 19 Aug 2024 16:25

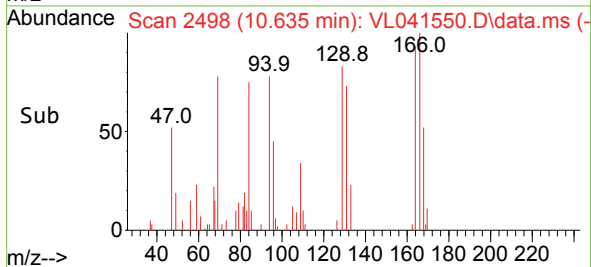
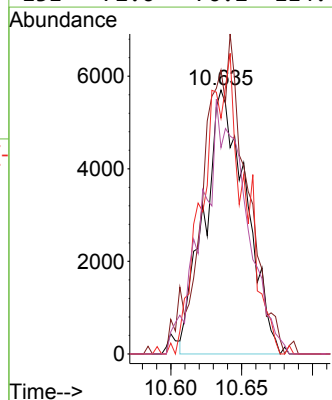
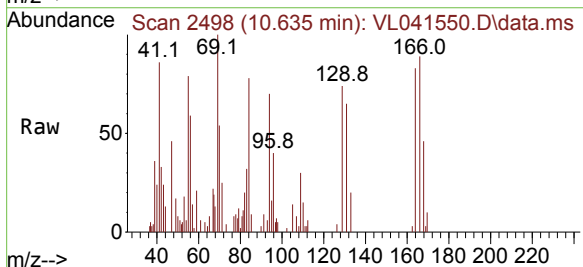
Instrument :
MSVOA_L
ClientSampleId :
SVI

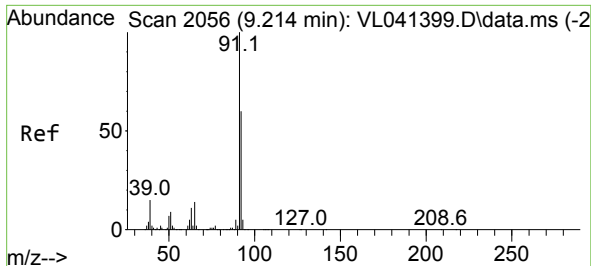
Tgt Ion: 43 Resp: 167108
Ion Ratio Lower Upper
43 100
58 78.9 38.2 57.2#
98 0.0 0.3 0.5#



#52
Tetrachloroethene
Concen: 0.150 ppbv
RT: 10.635 min Scan# 2498
Delta R.T. 0.000 min
Lab File: VL041550.D
Acq: 19 Aug 2024 16:25

Tgt Ion: 164 Resp: 11739
Ion Ratio Lower Upper
164 100
166 102.2 101.1 151.7
129 89.3 81.7 122.5
131 72.6 76.2 114.4#

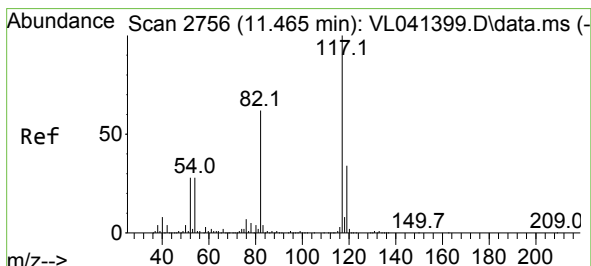
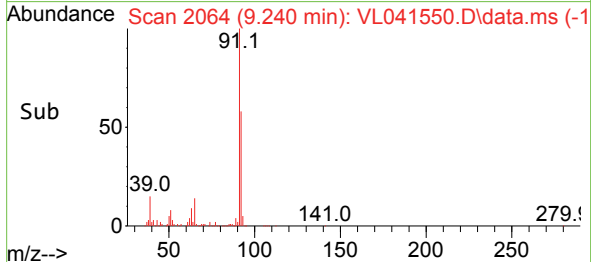
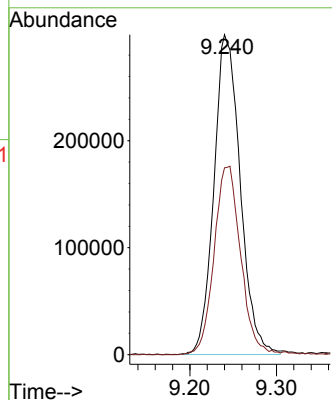
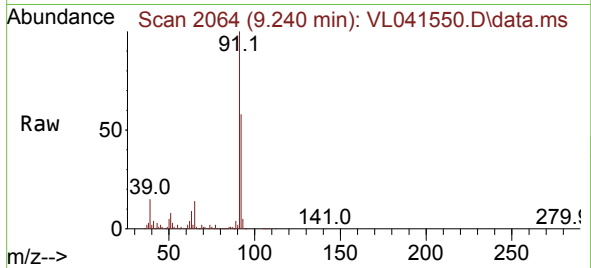




#53
Toluene
Concen: 2.804 ppbv
RT: 9.240 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VL041550.D
Acq: 19 Aug 2024 16:25

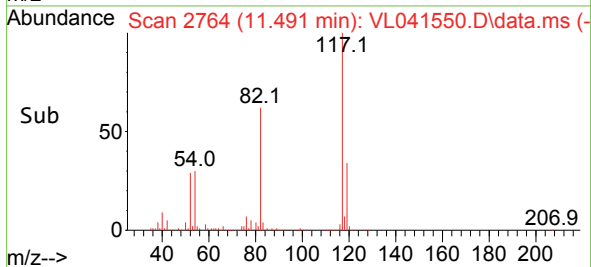
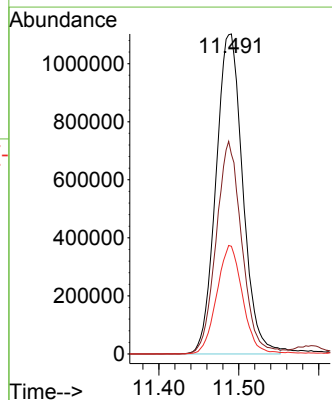
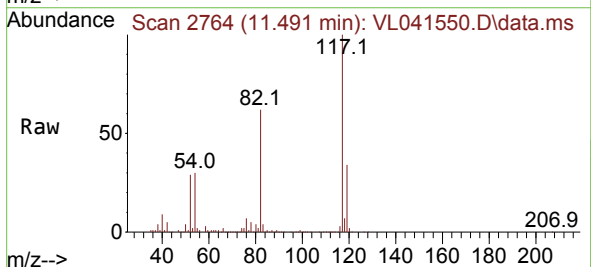
Instrument :
MSVOA_L
ClientSampleId :
SVI

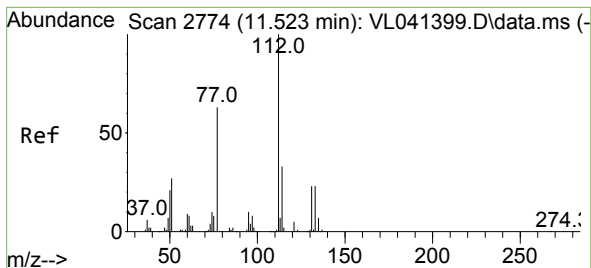
Tgt Ion: 91 Resp: 630889
Ion Ratio Lower Upper
91 100
92 60.2 48.7 73.1



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.491 min Scan# 2764
Delta R.T. 0.000 min
Lab File: VL041550.D
Acq: 19 Aug 2024 16:25

Tgt Ion: 117 Resp: 2563772
Ion Ratio Lower Upper
117 100
82 63.8 51.0 76.6
119 33.0 45.2 67.8

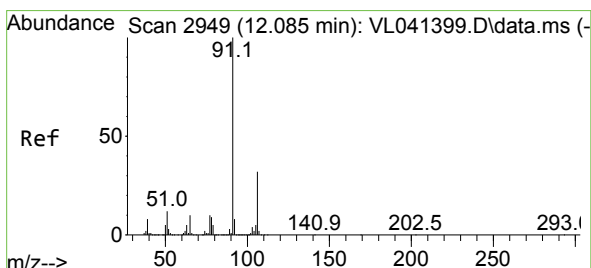
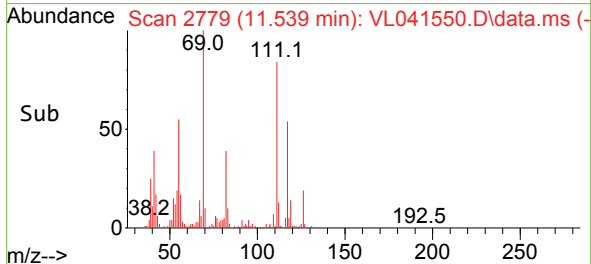
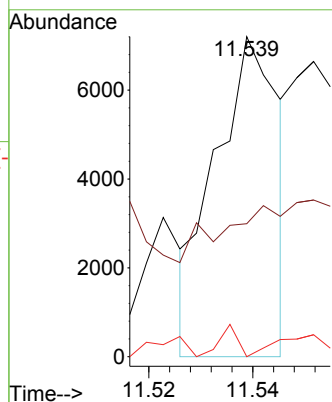
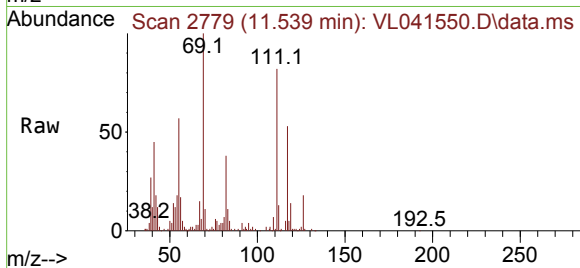




#57
Chlorobenzene
Concen: 0.033 ppbv
RT: 11.539 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL041550.D
Acq: 19 Aug 2024 16:25

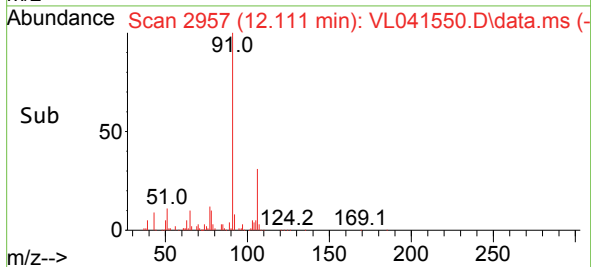
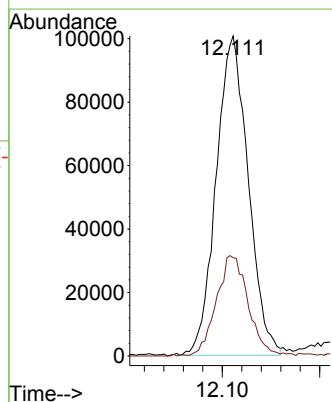
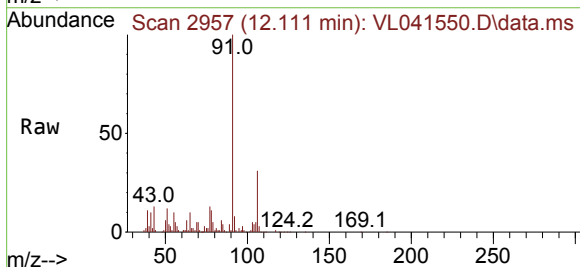
Instrument :
MSVOA_L
ClientSampleId :
SVI

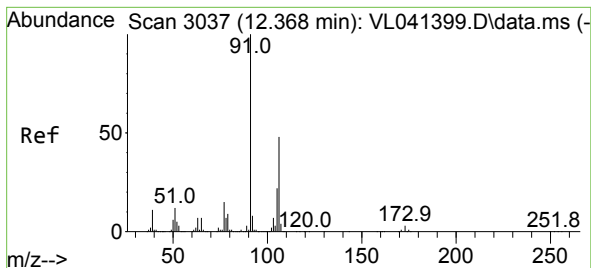
Tgt Ion:112 Resp: 6101
Ion Ratio Lower Upper
112 100
77 18.3 51.1 76.7#
114 0.0 29.5 36.1#



#58
Ethyl Benzene
Concen: 0.779 ppbv
RT: 12.111 min Scan# 2957
Delta R.T. 0.000 min
Lab File: VL041550.D
Acq: 19 Aug 2024 16:25

Tgt Ion: 91 Resp: 230247
Ion Ratio Lower Upper
91 100
106 30.5 25.8 38.8





#59

m/p-Xylene

Concen: 3.766 ppbv

RT: 12.365 min Scan# 3036

Delta R.T. -0.029 min

Lab File: VL041550.D

Acq: 19 Aug 2024 16:25

Instrument :

MSVOA_L

ClientSampleId :

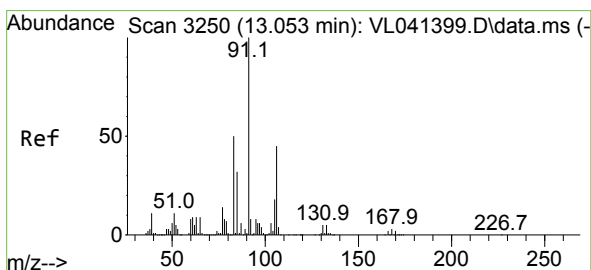
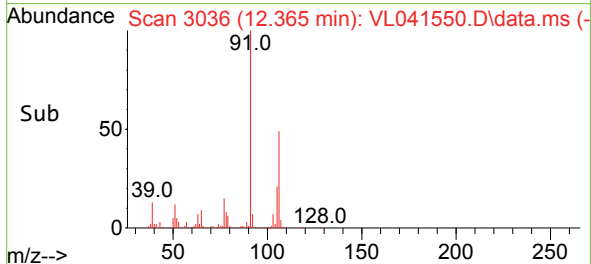
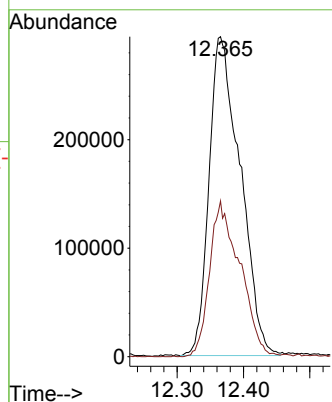
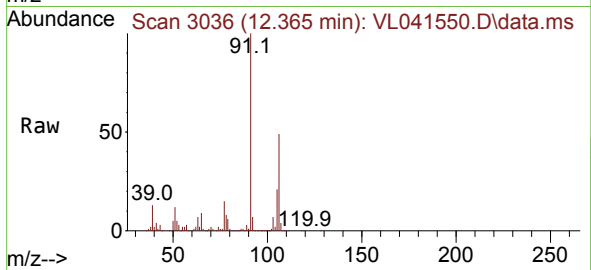
SVI

Tgt Ion: 91 Resp: 960575

Ion Ratio Lower Upper

91 100

106 48.1 36.3 54.5



#60

o-Xylene

Concen: 1.378 ppbv

RT: 13.076 min Scan# 3257

Delta R.T. -0.003 min

Lab File: VL041550.D

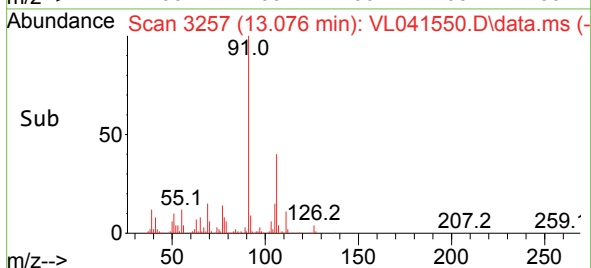
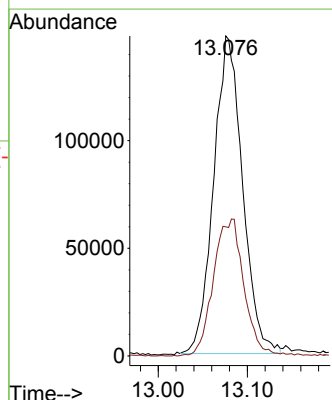
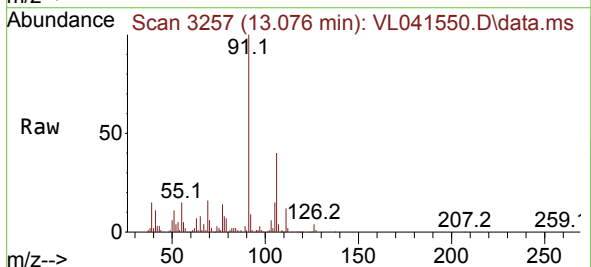
Acq: 19 Aug 2024 16:25

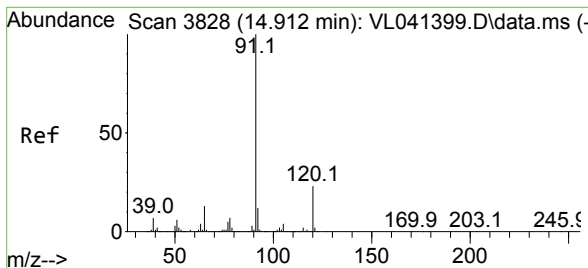
Tgt Ion: 91 Resp: 332473

Ion Ratio Lower Upper

91 100

106 45.8 23.1 69.3

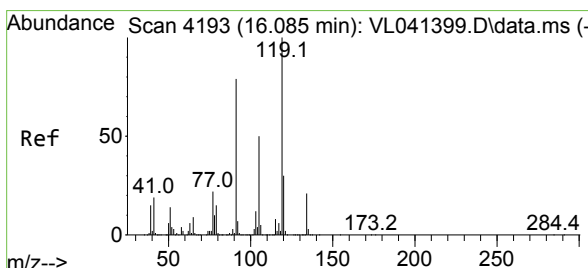
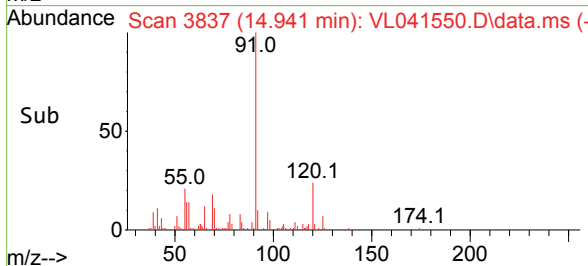
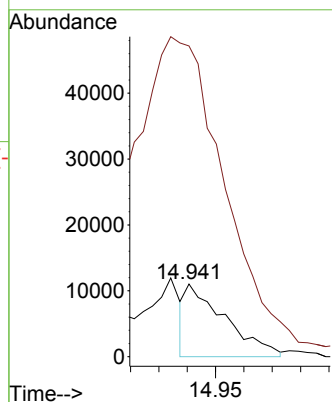
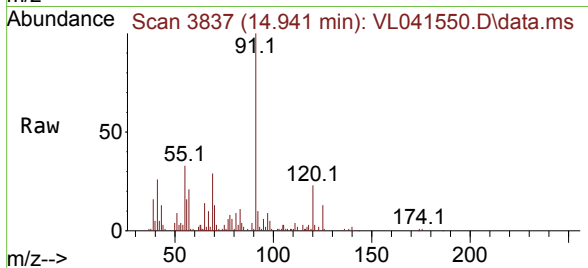




#64
n-propylbenzene
Concen: 0.112 ppbv
RT: 14.941 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL041550.D
Acq: 19 Aug 2024 16:25

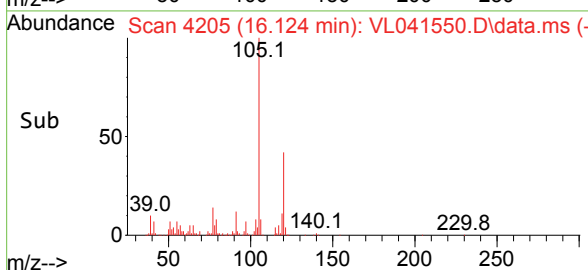
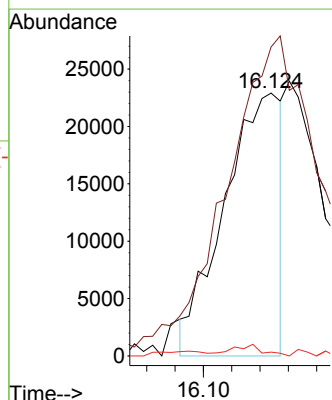
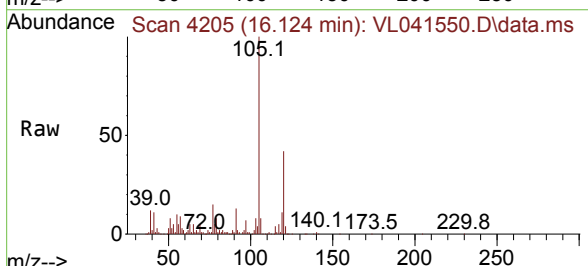
Instrument :
MSVOA_L
ClientSampleId :
SVI

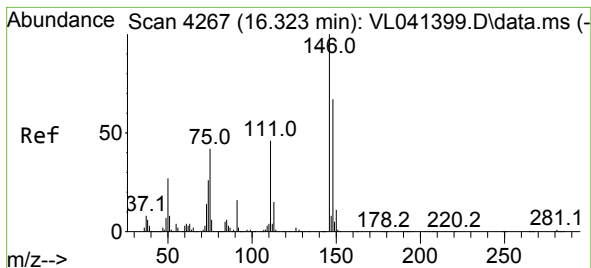
Tgt Ion:120 Resp: 10706
Ion Ratio Lower Upper
120 100
91 0.0 361.4 542.0#



#65
tert-Butylbenzene
Concen: 0.097 ppbv
RT: 16.124 min Scan# 4205
Delta R.T. 0.013 min
Lab File: VL041550.D
Acq: 19 Aug 2024 16:25

Tgt Ion:119 Resp: 32027
Ion Ratio Lower Upper
119 100
91 0.0 64.2 96.2#
134 4.3 15.7 23.5#





#66

Benzyl Chloride

Concen: 0.041 ppbv

RT: 16.320 min Scan# 41

Delta R.T. -0.026 min

Lab File: VL041550.D

Acq: 19 Aug 2024 16:25

Instrument :

MSVOA_L

ClientSampleId :

SVI

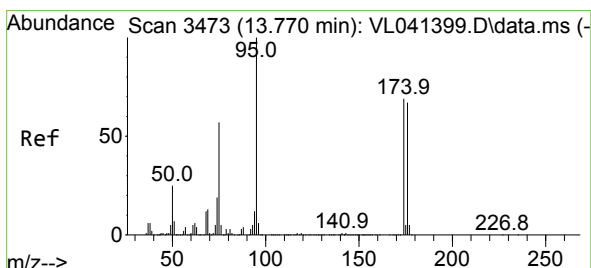
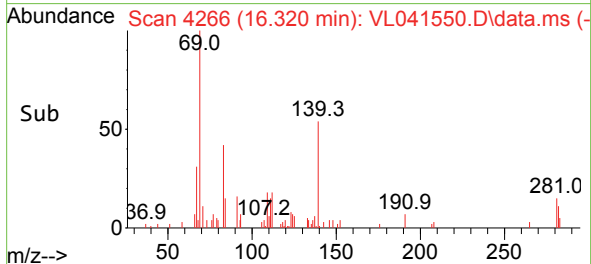
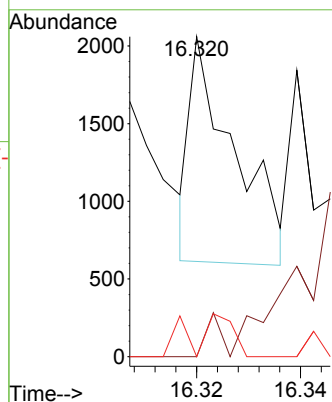
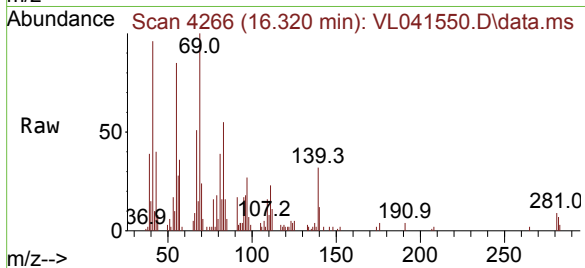
Tgt Ion: 91 Resp: 868

Ion Ratio Lower Upper

91 100

126 104.7 13.8 20.8#

128 20.6 4.4 6.6#



#68

1-Bromo-4-Fluorobenzene

Concen: 10.203 ppbv

RT: 13.799 min Scan# 3482

Delta R.T. 0.000 min

Lab File: VL041550.D

Acq: 19 Aug 2024 16:25

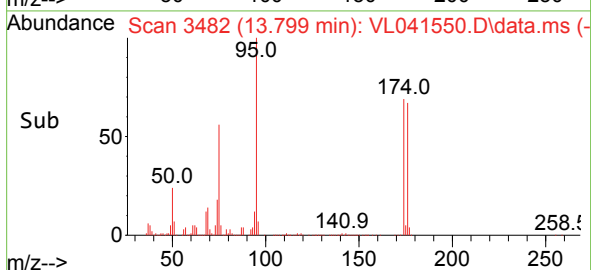
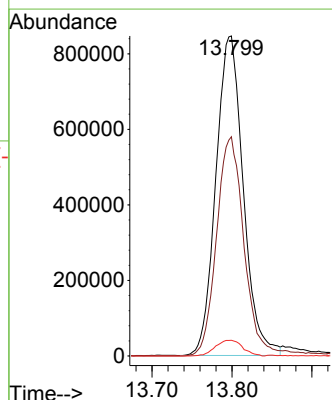
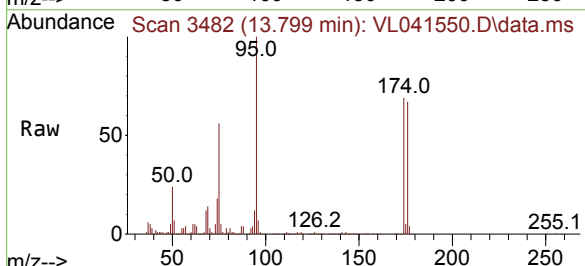
Tgt Ion: 95 Resp: 2012941

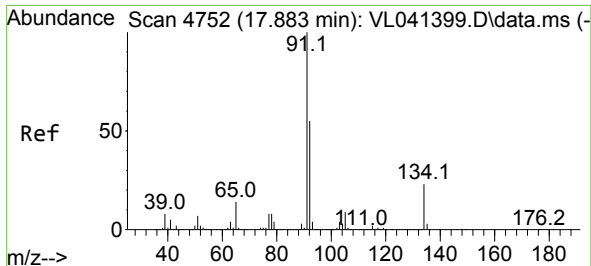
Ion Ratio Lower Upper

95 100

174 69.6 56.3 84.5

175 5.1 4.0 6.0

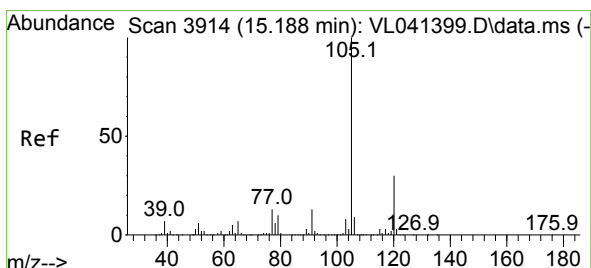
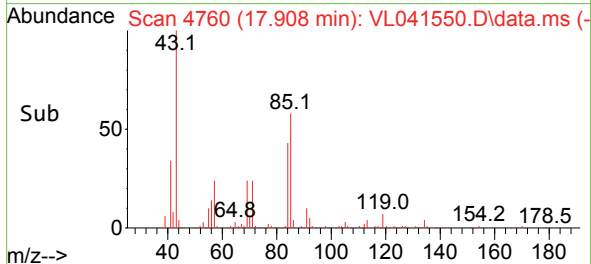
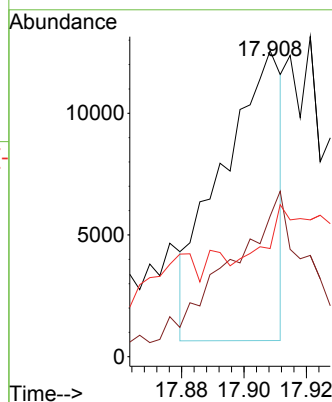
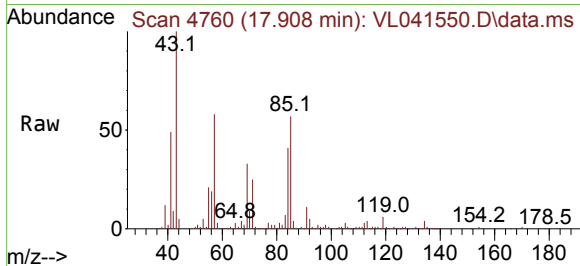




#70
n-Butylbenzene
Concen: 0.041 ppbv
RT: 17.908 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL041550.D
Acq: 19 Aug 2024 16:25

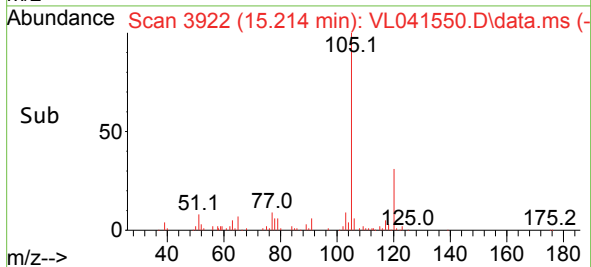
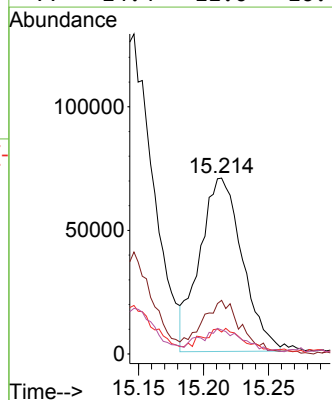
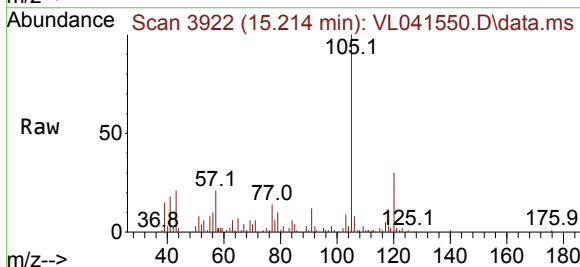
Instrument :
MSVOA_L
ClientSampleId :
SVI

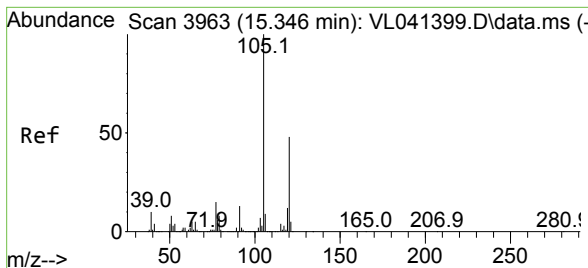
Tgt Ion: 91 Resp: 15929
Ion Ratio Lower Upper
91 100
92 94.7 43.2 64.8#
134 159.2 18.5 27.7#



#72
4-Ethyltoluene
Concen: 0.564 ppbv
RT: 15.214 min Scan# 3922
Delta R.T. 0.000 min
Lab File: VL041550.D
Acq: 19 Aug 2024 16:25

Tgt Ion: 105 Resp: 160153
Ion Ratio Lower Upper
105 100
120 27.9 24.2 36.2
91 12.8 10.4 15.6
77 14.4 11.0 16.4





#73

1,3,5-Trimethylbenzene

Concen: 0.374 ppbv

RT: 15.375 min Scan# 3963

Delta R.T. 0.003 min

Lab File: VL041550.D

Acq: 19 Aug 2024 16:25

Instrument :

MSVOA_L

ClientSampleId :

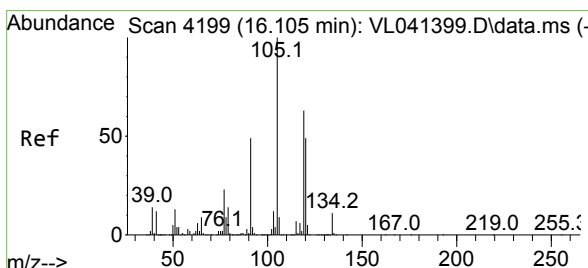
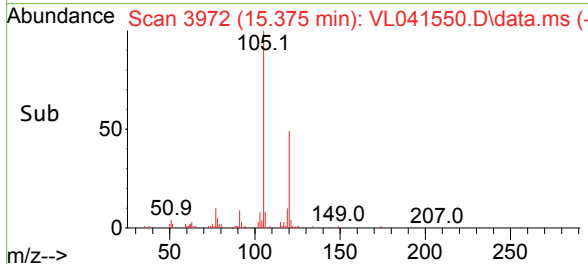
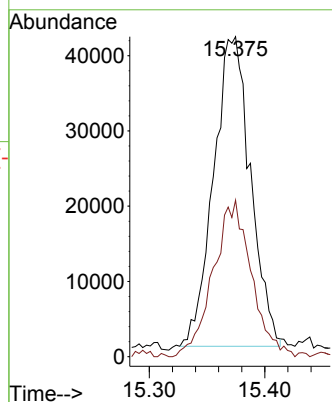
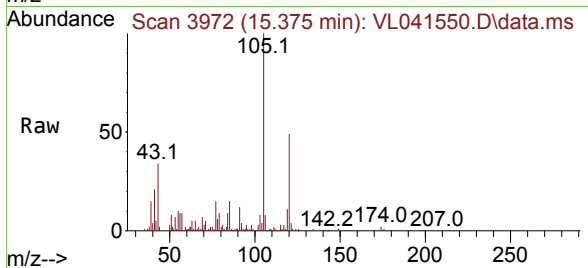
SVI

Tgt Ion:105 Resp: 91500

Ion Ratio Lower Upper

105 100

120 48.6 38.6 57.8



#74

1,2,4-Trimethylbenzene

Concen: 1.815 ppbv

RT: 16.124 min Scan# 4205

Delta R.T. -0.003 min

Lab File: VL041550.D

Acq: 19 Aug 2024 16:25

Tgt Ion:105 Resp: 516352

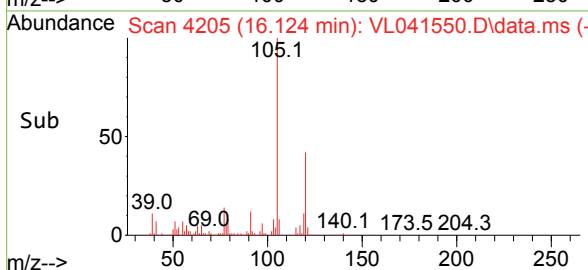
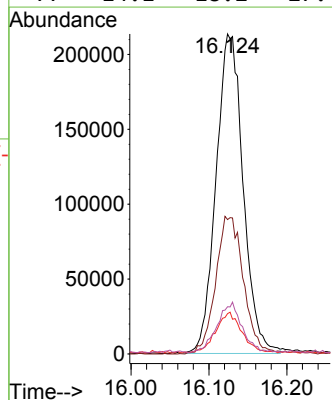
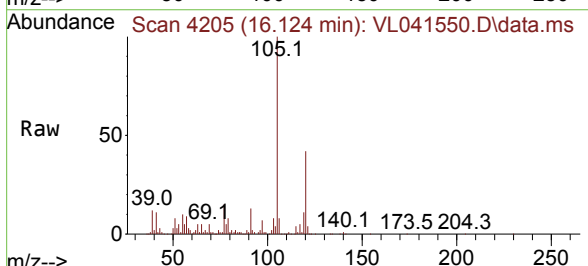
Ion Ratio Lower Upper

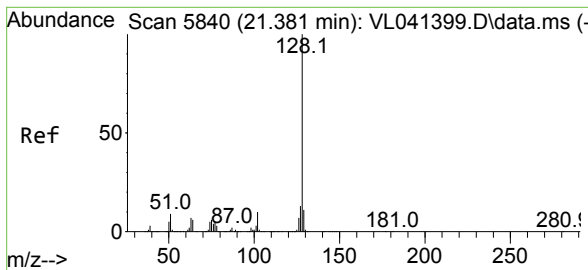
105 100

120 42.0 39.5 59.3

91 12.2 39.8 59.8#

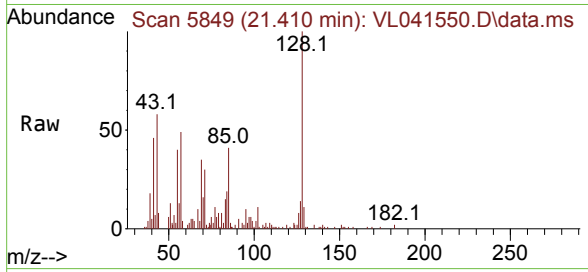
77 14.1 18.2 27.4#





#79
Naphthalene
Concen: 0.134 ppbv
RT: 21.410 min Scan# 5849
Delta R.T. 0.000 min
Lab File: VL041550.D
Acq: 19 Aug 2024 16:25

Instrument :
MSVOA_L
ClientSampleId :
SVI



Tgt Ion:	128	Resp:	33735
Ion	Ratio	Lower	Upper
128	100		
127	11.5	10.3	15.5
129	10.0	9.0	13.4

