

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080824\
 Data File : VL041519.D
 Acq On : 8 Aug 2024 19:15
 Operator : SY/MD
 Sample : P3496-06 2X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Aug 09 05:58:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Aug 06 01:32:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.205	49	1220997	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.661	114	3122938	10.000	ppbv	0.01
55) Chlorobenzene-d5	11.462	117	2890057	10.000	ppbv	# 0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	2220443	9.984	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.800%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.726	85	31478	0.150	ppbv	99
3) Chlorodifluoromethane	2.671	51	29957	0.206	ppbv #	90
4) Chloromethane	2.809	50	97412	1.260	ppbv	99
7) Chloroethane	3.192	64	3975	0.151	ppbv	96
9) Propene	2.690	41	6105456	91.436	ppbv	99
10) Heptane	7.574	43	1253966	8.358	ppbv	97
11) Trichlorofluoromethane	3.558	101	55125	0.296	ppbv	89
13) Ethanol	3.256	45	6278060	1051.960	ppbv	95
15) Acetone	3.468	43	4284196	30.881	ppbv #	1
16) 1,3-Butadiene	3.005	39	454567	6.133	ppbv #	10
17) tert-Butyl alcohol	3.896	59	1964499	15.527	ppbv	99
19) Isopropyl Alcohol	3.594	45	2327953	28.703	ppbv #	93
20) Methylene Chloride	3.941	84	1480433	28.617	ppbv	98
21) Allyl Chloride	3.941	41	96513	1.061	ppbv #	19
23) Vinyl Acetate	4.636	43	1086351	10.253	ppbv #	95
25) Ethyl Acetate	5.208	43	1087780	3.947	ppbv #	78
26) Hexane	5.208	57	1380482	12.074	ppbv #	8
27) Carbon Disulfide	4.118	76	34162	0.255	ppbv #	78
28) Methyl tert-Butyl Ether	4.719	73	25284	0.351	ppbv #	1
29) Chloroform	5.285	83	19665	0.105	ppbv	99
30) Cyclohexane	6.600	84	7728	0.083	ppbv #	1
34) 2-Butanone	4.809	43	6863587	45.434	ppbv #	1
36) Benzene	6.372	78	48596	0.213	ppbv #	92
39) 1,2-Dichloropropane	7.269	63	27905	0.319	ppbv #	1
41) Tetrahydrofuran	5.619	42	8719	0.101	ppbv #	14
42) Bromodichloromethane	7.275	83	211923	1.149	ppbv #	25
43) Methyl Methacrylate	7.513	69	75245	0.920	ppbv #	38
44) 2,2,4-Trimethylpentane	7.327	57	48854	0.128	ppbv #	42
50) 4-Methyl-2-Pentanone	8.182	43	143417	0.602	ppbv	98
51) 2-Hexanone	9.542	43	1579693	8.765	ppbv	99
53) Toluene	9.221	91	325787	1.282	ppbv	99
58) Ethyl Benzene	12.085	91	317132	0.952	ppbv	100
59) m/p-Xylene	12.336	91	668963	2.326	ppbv	96
60) o-Xylene	13.050	91	235216	0.865	ppbv	100
67) sec-Butylbenzene	16.371	105	161937	0.315	ppbv #	64
69) p-Isopropyltoluene	16.989	119	328129	0.768	ppbv	98
72) 4-Ethyltoluene	15.188	105	13716	0.043	ppbv #	18
73) 1,3,5-Trimethylbenzene	15.339	105	19621	0.071	ppbv	94
74) 1,2,4-Trimethylbenzene	16.098	105	152947	0.477	ppbv #	70
75) 1,3-Dichlorobenzene	16.323	146	239737	1.189	ppbv #	1
76) 1,4-Dichlorobenzene	16.378	146	18067	0.093	ppbv #	1
79) Naphthalene	21.368	128	15586	0.055	ppbv #	92
81) 1,2,4-Trichlorobenzene	20.783	180	79566	0.472	ppbv #	26

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Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Tue Aug 06 01:32:58 2024
Response via : Initial Calibration

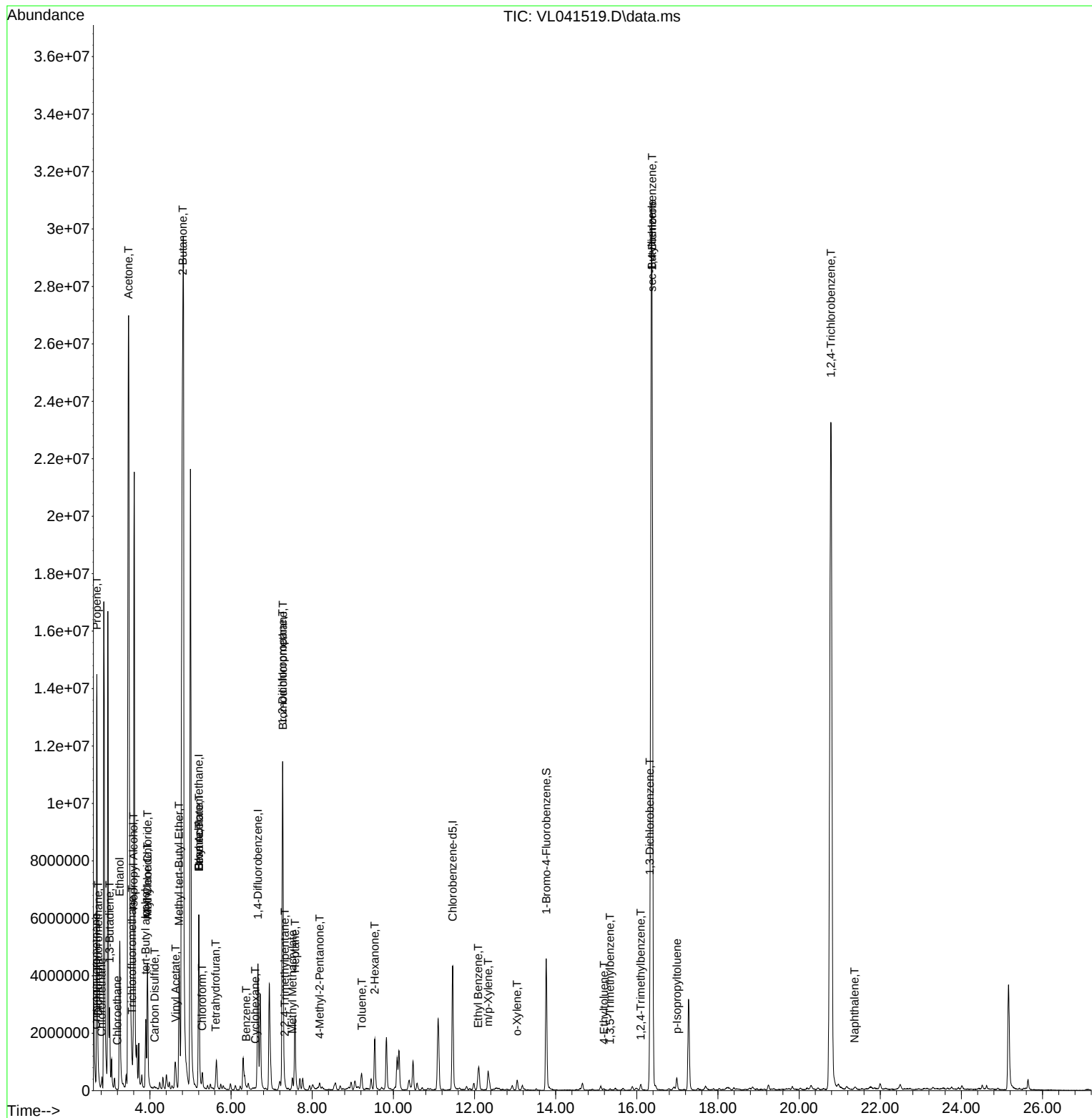
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

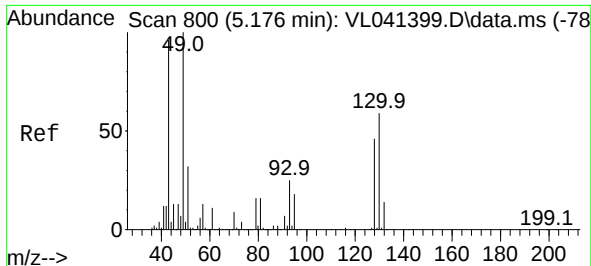
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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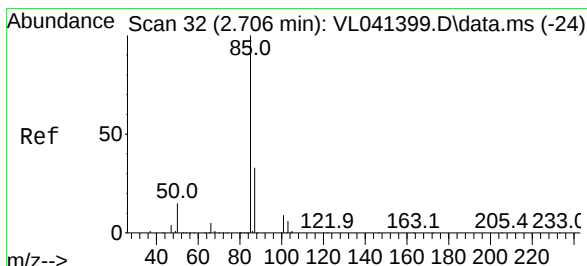
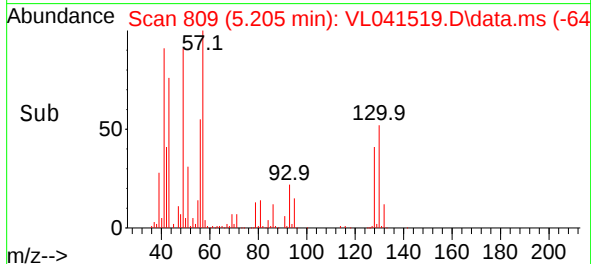
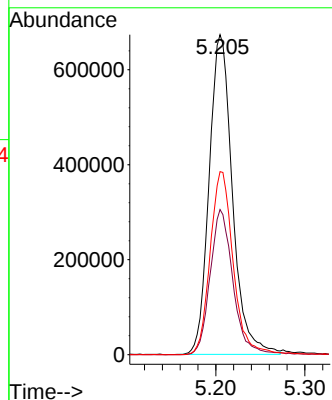
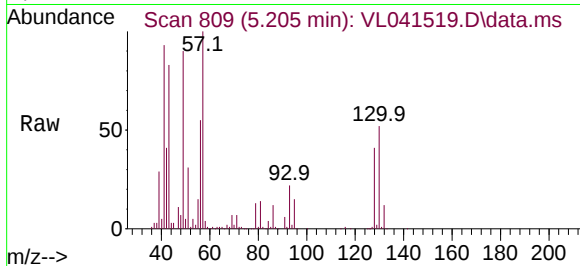




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.205 min Scan# 80
 Delta R.T. 0.016 min
 Lab File: VL041519.D
 Acq: 8 Aug 2024 19:15

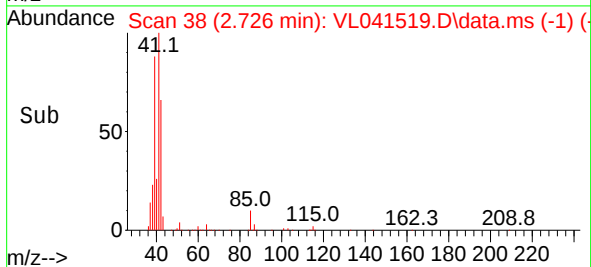
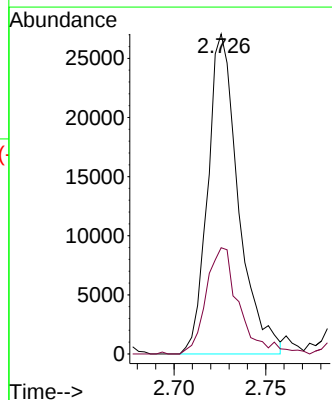
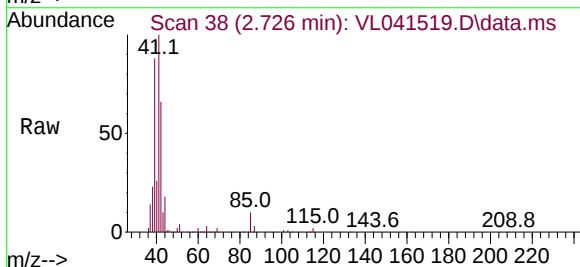
Instrument :
 MSVOA_L
 ClientSampleId :

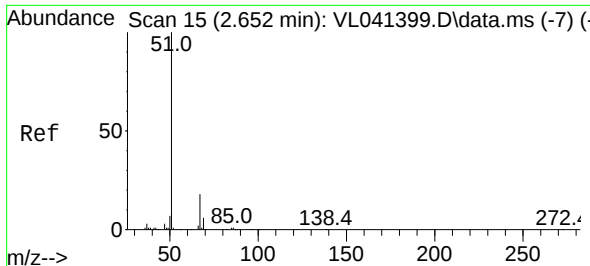
Tgt Ion: 49 Resp: 1220997
 Ion Ratio Lower Upper
 49 100
 128 44.8 23.8 71.4
 130 57.4 30.8 92.4



#2
 Dichlorodifluoromethane
 Concen: 0.150 ppbv
 RT: 2.726 min Scan# 38
 Delta R.T. -0.006 min
 Lab File: VL041519.D
 Acq: 8 Aug 2024 19:15

Tgt Ion: 85 Resp: 31478
 Ion Ratio Lower Upper
 85 100
 87 33.2 26.0 39.0

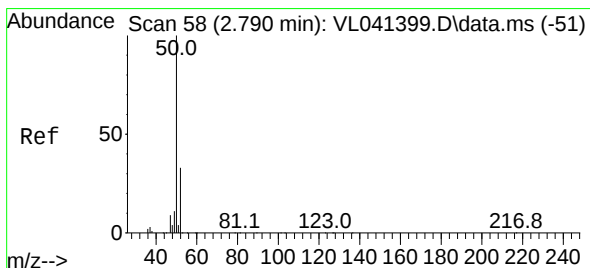
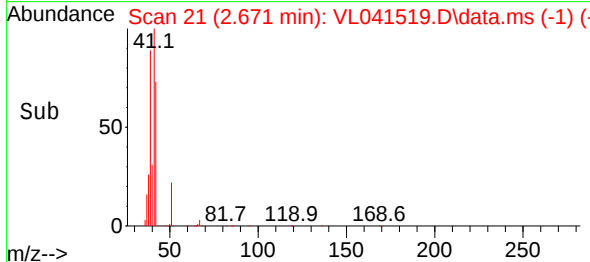
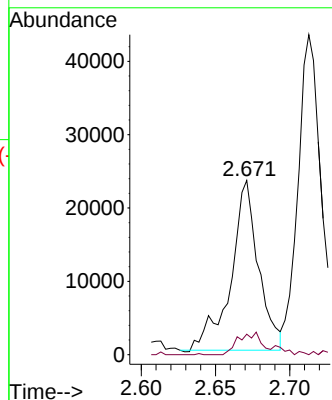
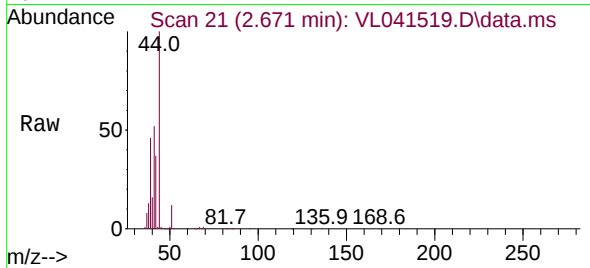




#3
Chlorodifluoromethane
Concen: 0.206 ppbv
RT: 2.671 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL041519.D
Acq: 8 Aug 2024 19:15

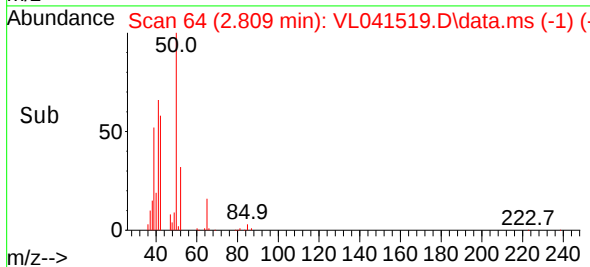
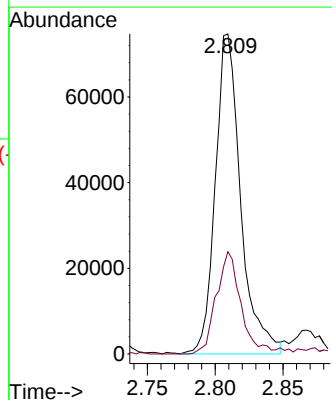
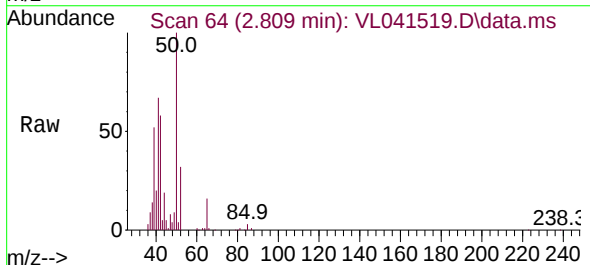
Instrument :
MSVOA_L
ClientSampleId :

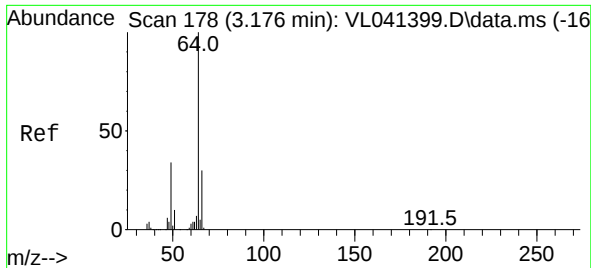
Tgt Ion: 51 Resp: 29957
Ion Ratio Lower Upper
51 100
67 13.7 14.5 21.7#



#4
Chloromethane
Concen: 1.260 ppbv
RT: 2.809 min Scan# 64
Delta R.T. -0.006 min
Lab File: VL041519.D
Acq: 8 Aug 2024 19:15

Tgt Ion: 50 Resp: 97412
Ion Ratio Lower Upper
50 100
52 31.9 26.1 39.1

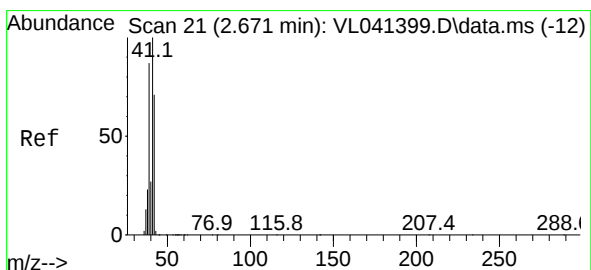
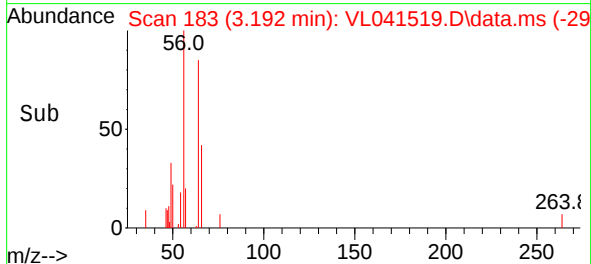
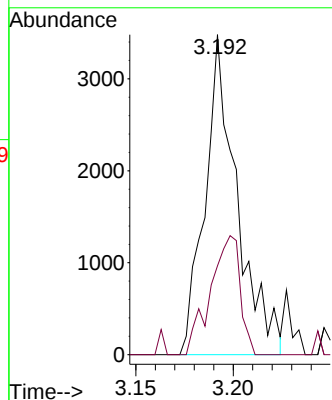
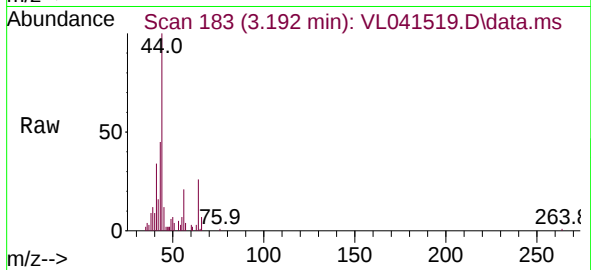




#7
Chloroethane
Concen: 0.151 ppbv
RT: 3.192 min Scan# 11
Delta R.T. -0.006 min
Lab File: VL041519.D
Acq: 8 Aug 2024 19:15

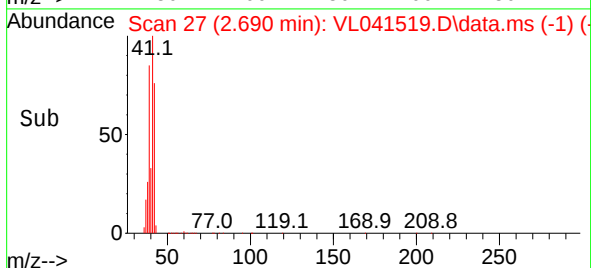
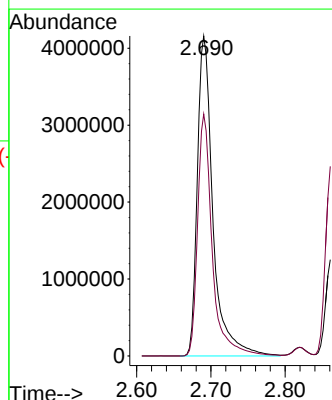
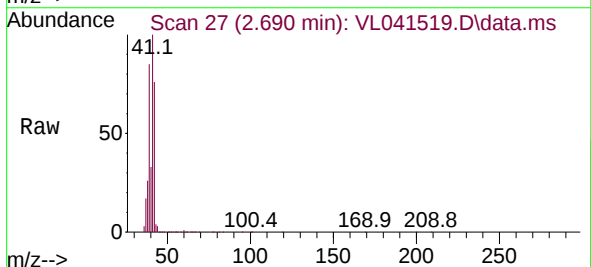
Instrument :
MSVOA_L
ClientSampleId :

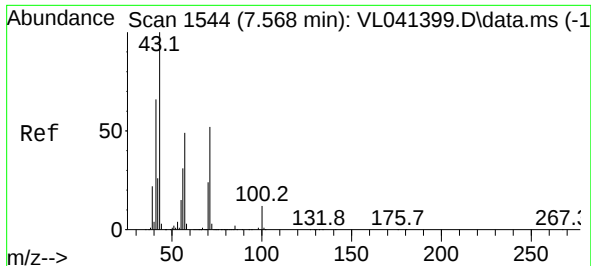
Tgt Ion: 64 Resp: 3975
Ion Ratio Lower Upper
64 100
66 27.8 24.2 36.2



#9
Propene
Concen: 91.436 ppbv
RT: 2.690 min Scan# 27
Delta R.T. -0.006 min
Lab File: VL041519.D
Acq: 8 Aug 2024 19:15

Tgt Ion: 41 Resp: 6105456
Ion Ratio Lower Upper
41 100
42 70.9 55.9 83.9





#10

Heptane

Concen: 8.358 ppbv

RT: 7.574 min Scan# 1

Delta R.T. 0.000 min

Lab File: VL041519.D

Acq: 8 Aug 2024 19:15

Instrument :

MSVOA_L

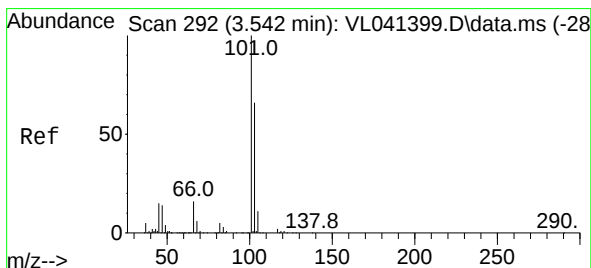
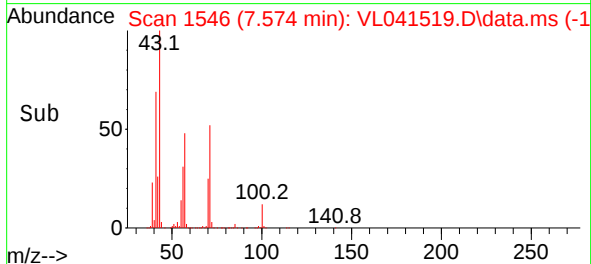
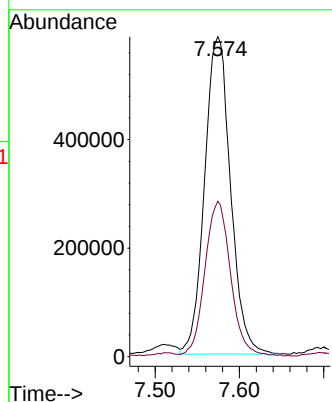
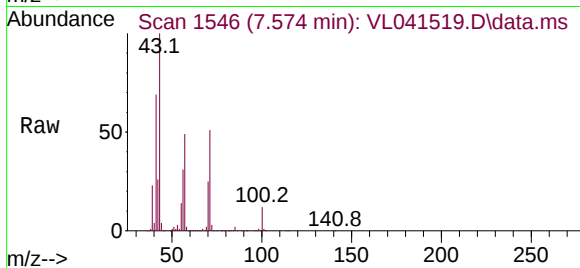
ClientSampleId :

Tgt Ion: 43 Resp: 1253966

Ion Ratio Lower Upper

43 100

57 48.8 40.5 60.7



#11

Trichlorofluoromethane

Concen: 0.296 ppbv

RT: 3.558 min Scan# 297

Delta R.T. -0.003 min

Lab File: VL041519.D

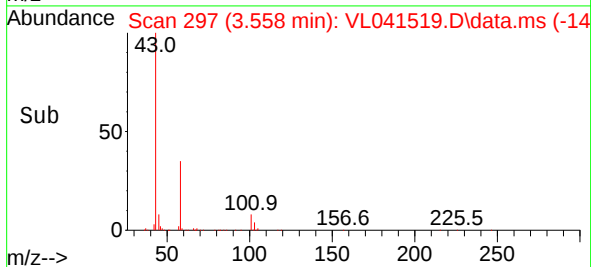
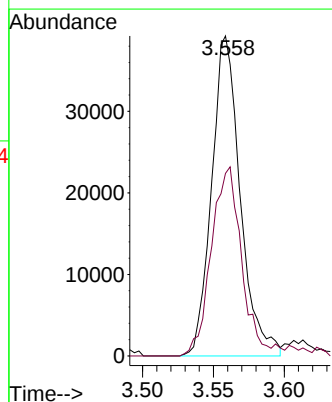
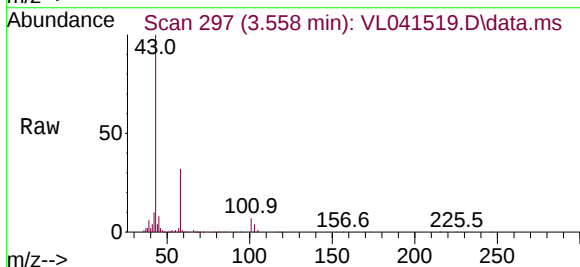
Acq: 8 Aug 2024 19:15

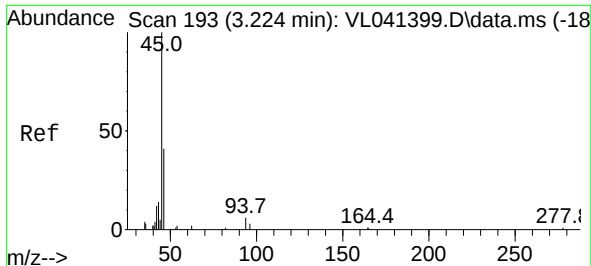
Tgt Ion:101 Resp: 55125

Ion Ratio Lower Upper

101 100

103 57.1 52.6 79.0





#13

Ethanol

Concen: 1051.960 ppbv

RT: 3.256 min Scan# 203

Delta R.T. 0.013 min

Lab File: VL041519.D

Acq: 8 Aug 2024 19:15

Instrument :

MSVOA_L

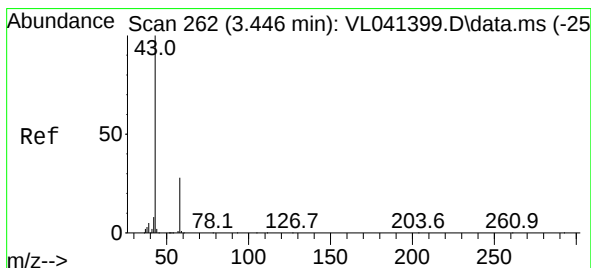
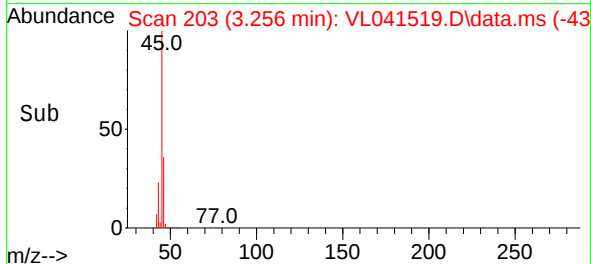
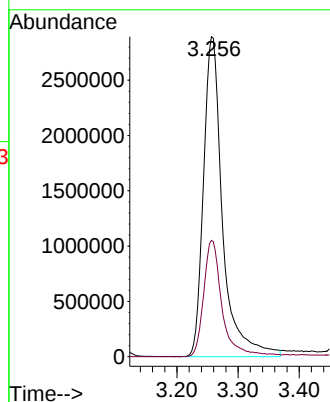
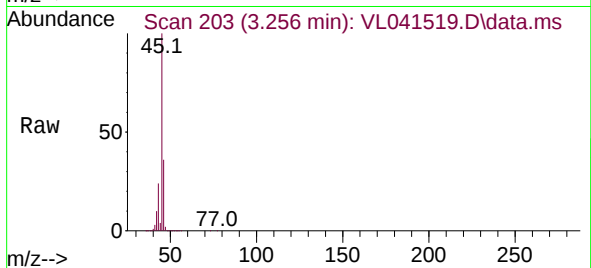
ClientSampleId :

Tgt Ion: 45 Resp: 6278060

Ion Ratio Lower Upper

45 100

46 36.1 13.4 53.4



#15

Acetone

Concen: 30.881 ppbv

RT: 3.468 min Scan# 269

Delta R.T. 0.000 min

Lab File: VL041519.D

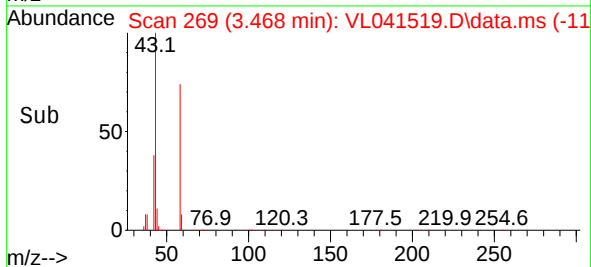
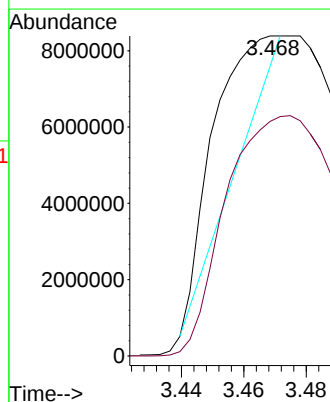
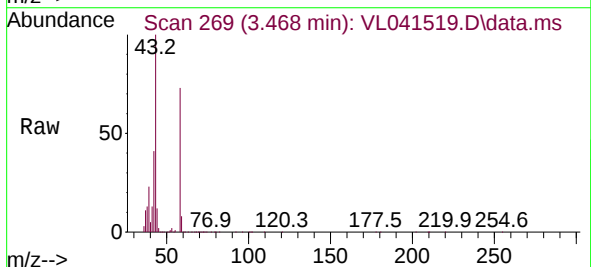
Acq: 8 Aug 2024 19:15

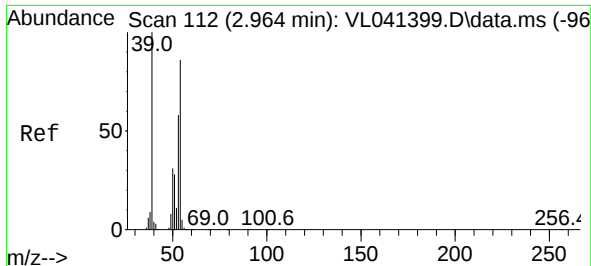
Tgt Ion: 43 Resp: 4284196

Ion Ratio Lower Upper

43 100

58 439.4 21.4 32.2#





#16

1,3-Butadiene

Concen: 6.133 ppbv

RT: 3.005 min Scan# 11

Delta R.T. 0.019 min

Lab File: VL041519.D

Acq: 8 Aug 2024 19:15

Instrument :

MSVOA_L

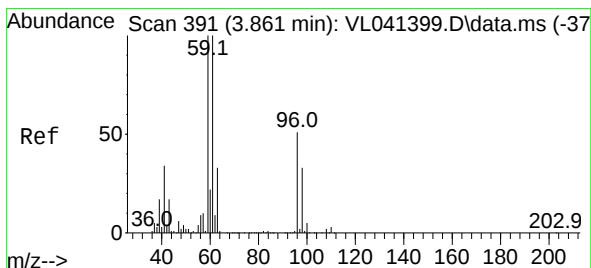
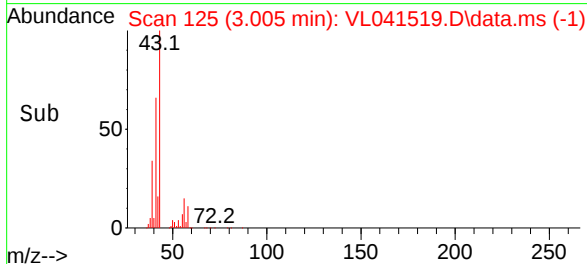
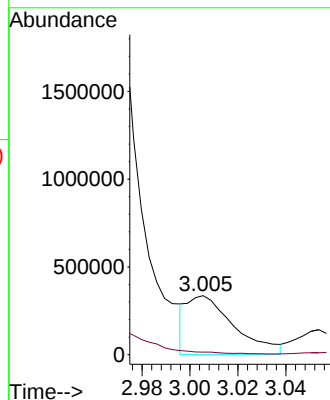
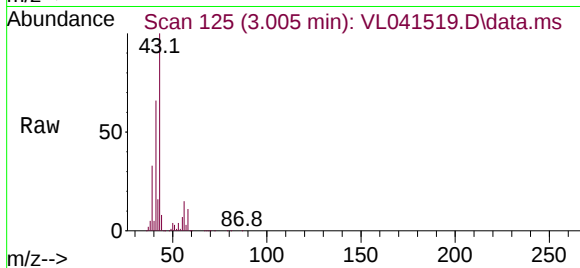
ClientSampleId :

Tgt Ion: 39 Resp: 454567

Ion Ratio Lower Upper

39 100

54 0.0 62.5 93.7#



#17

tert-Butyl alcohol

Concen: 15.527 ppbv

RT: 3.896 min Scan# 402

Delta R.T. 0.019 min

Lab File: VL041519.D

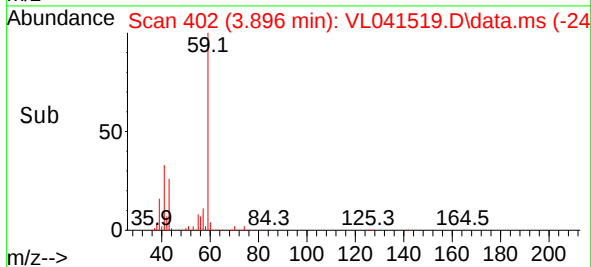
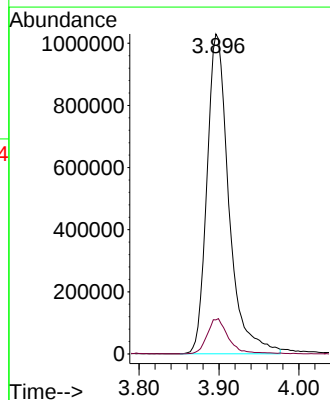
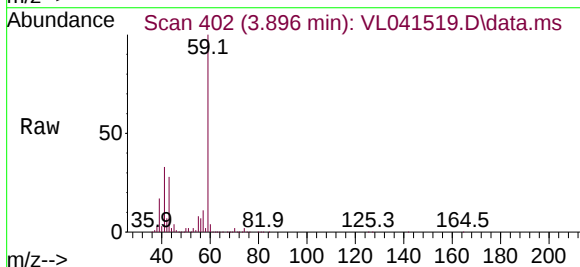
Acq: 8 Aug 2024 19:15

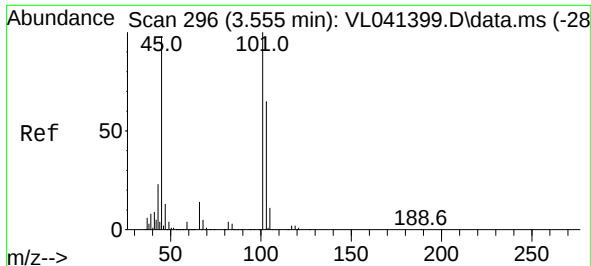
Tgt Ion: 59 Resp: 1964499

Ion Ratio Lower Upper

59 100

57 10.9 8.6 12.8





#19

Isopropyl Alcohol

Concen: 28.703 ppbv

RT: 3.594 min Scan# 308

Delta R.T. 0.019 min

Lab File: VL041519.D

Acq: 8 Aug 2024 19:15

Instrument :

MSVOA_L

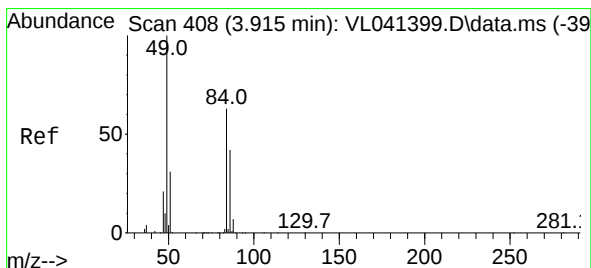
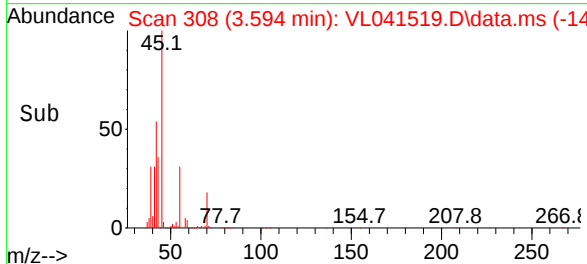
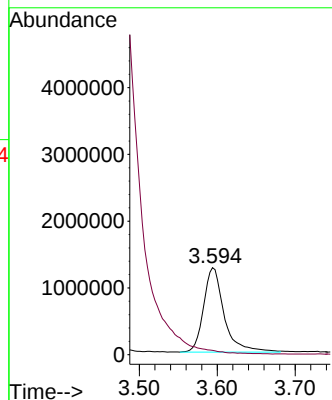
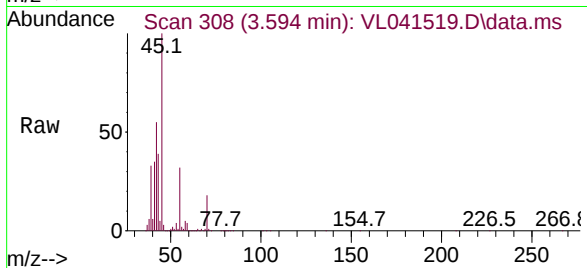
ClientSampleId :

Tgt Ion: 45 Resp: 2327953

Ion Ratio Lower Upper

45 100

58 0.0 1.9 2.9#



#20

Methylene Chloride

Concen: 28.617 ppbv

RT: 3.941 min Scan# 416

Delta R.T. 0.010 min

Lab File: VL041519.D

Acq: 8 Aug 2024 19:15

Tgt Ion: 84 Resp: 1480433

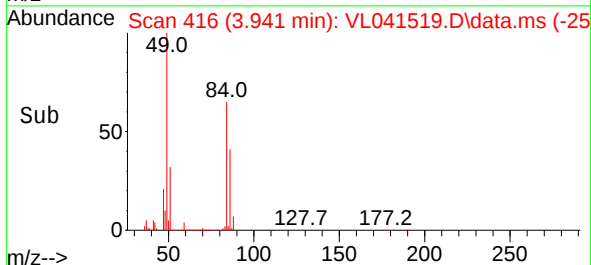
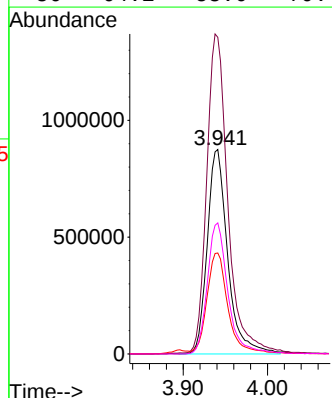
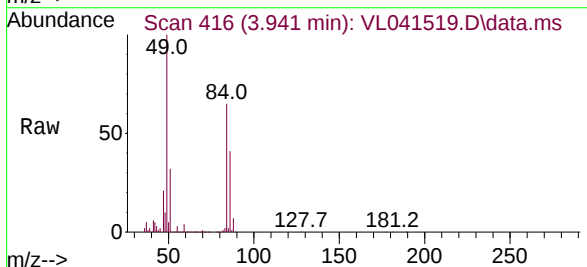
Ion Ratio Lower Upper

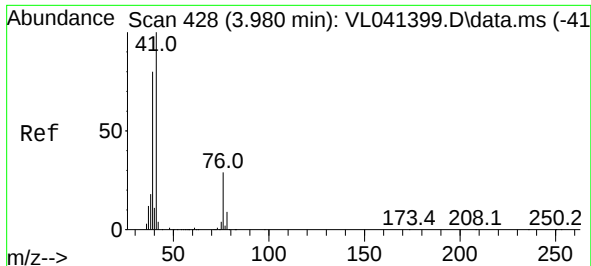
84 100

49 154.4 126.6 190.0

51 48.8 38.6 58.0

86 64.2 53.0 79.4





#21

Allyl Chloride

Concen: 1.061 ppbv

RT: 3.941 min Scan# 41

Delta R.T. -0.055 min

Lab File: VL041519.D

Acq: 8 Aug 2024 19:15

Instrument :

MSVOA_L

ClientSampleId :

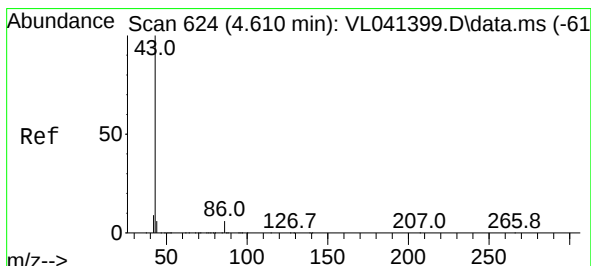
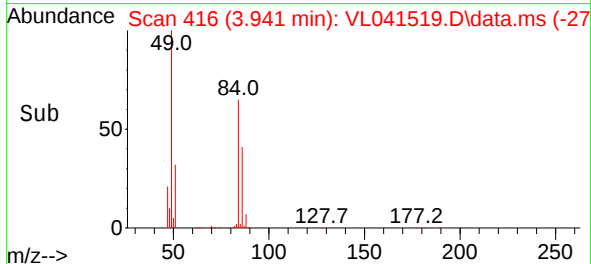
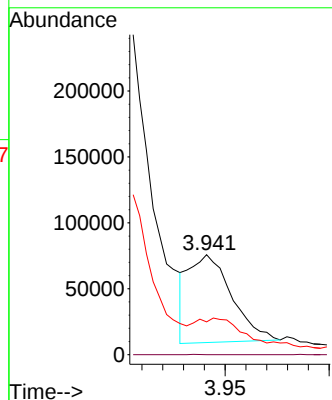
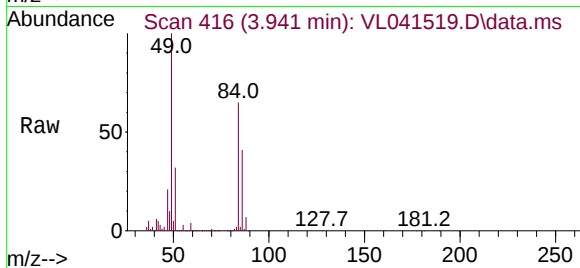
Tgt Ion: 41 Resp: 96513

Ion Ratio Lower Upper

41 100

76 0.0 23.7 35.5#

39 0.0 64.3 96.5#



#23

Vinyl Acetate

Concen: 10.253 ppbv

RT: 4.636 min Scan# 632

Delta R.T. 0.010 min

Lab File: VL041519.D

Acq: 8 Aug 2024 19:15

Tgt Ion: 43 Resp: 1086351

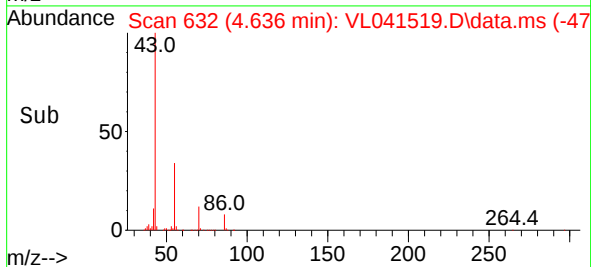
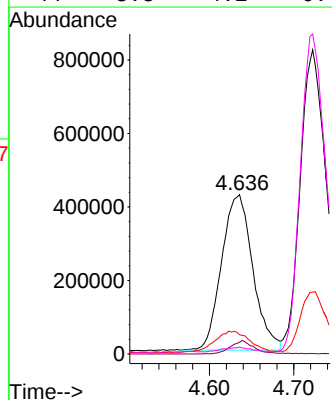
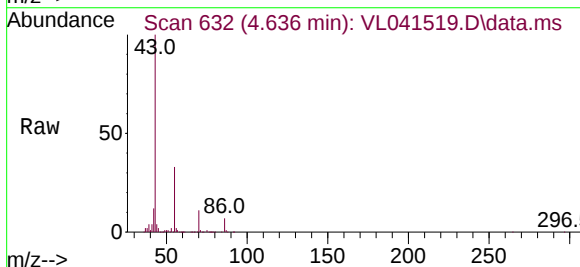
Ion Ratio Lower Upper

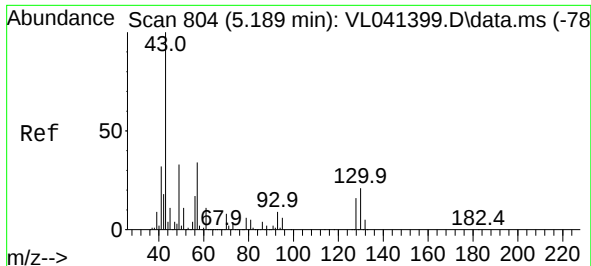
43 100

86 7.5 4.6 6.8#

42 11.1 7.9 11.9

44 3.3 4.2 6.4#





#25

Ethyl Acetate

Concen: 3.947 ppbv

RT: 5.208 min Scan# 810

Delta R.T. 0.007 min

Lab File: VL041519.D

Acq: 8 Aug 2024 19:15

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 43 Resp: 1087780

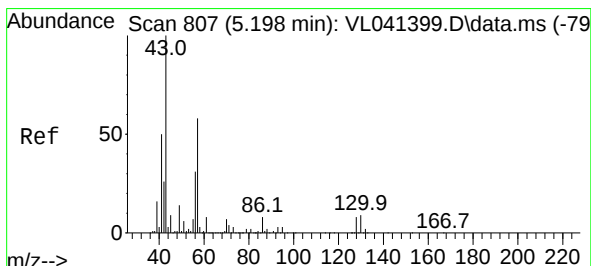
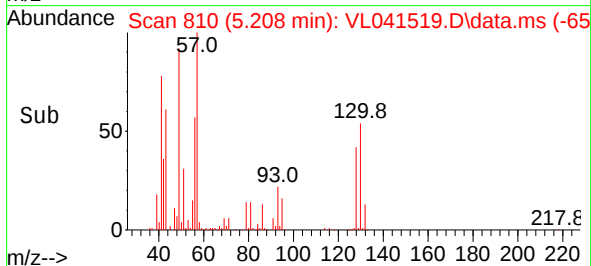
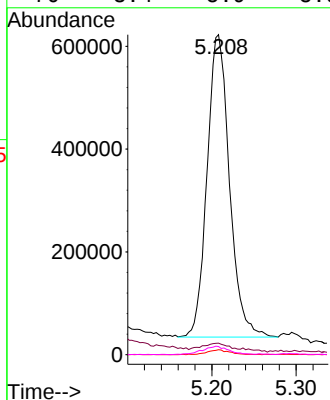
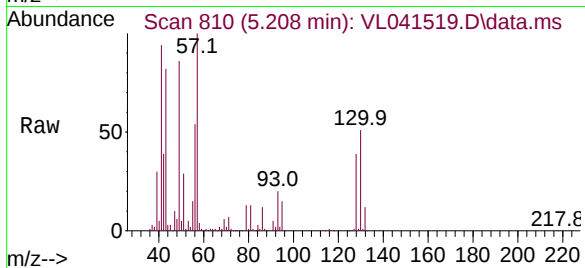
Ion Ratio Lower Upper

43 100

45 0.0 8.5 12.7#

61 1.8 8.0 12.0#

70 3.4 5.9 8.9#



#26

Hexane

Concen: 12.074 ppbv

RT: 5.208 min Scan# 810

Delta R.T. -0.003 min

Lab File: VL041519.D

Acq: 8 Aug 2024 19:15

Tgt Ion: 57 Resp: 1380482

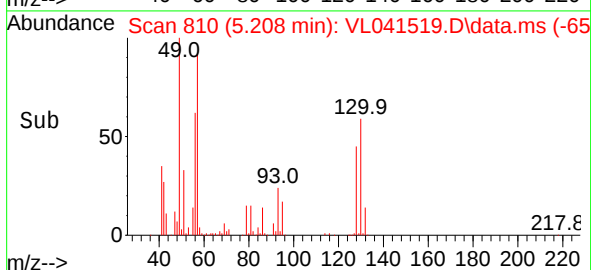
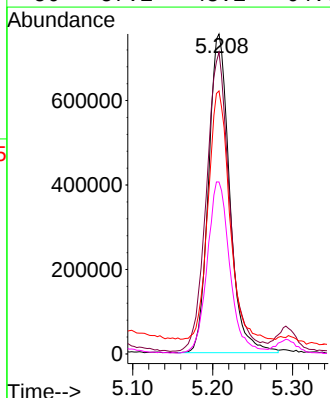
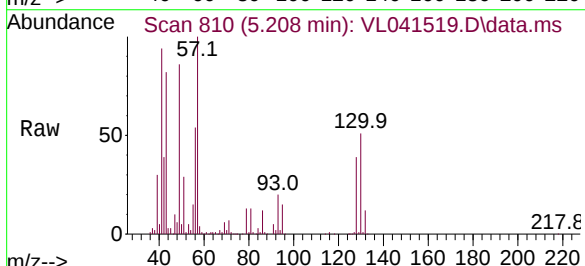
Ion Ratio Lower Upper

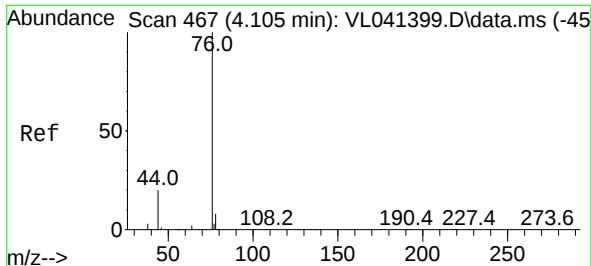
57 100

41 103.6 74.0 111.0

43 0.0 193.6 290.4#

56 57.1 43.1 64.7





#27

Carbon Disulfide

Concen: 0.255 ppbv

RT: 4.118 min Scan# 41

Delta R.T. -0.006 min

Lab File: VL041519.D

Acq: 8 Aug 2024 19:15

Instrument :

MSVOA_L

ClientSampleId :

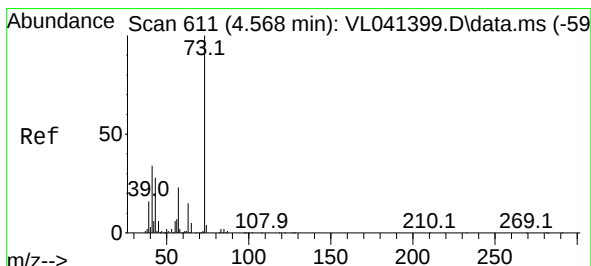
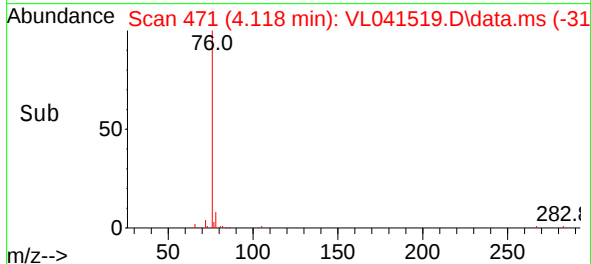
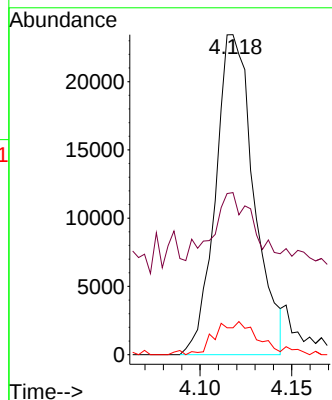
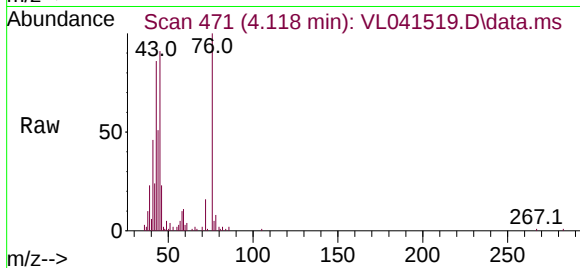
Tgt Ion: 76 Resp: 34162

Ion Ratio Lower Upper

76 100

44 32.8 15.6 23.4#

78 12.3 7.7 11.5#



#28

Methyl tert-Butyl Ether

Concen: 0.351 ppbv

RT: 4.719 min Scan# 658

Delta R.T. 0.138 min

Lab File: VL041519.D

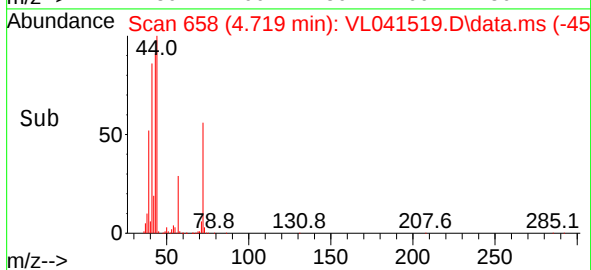
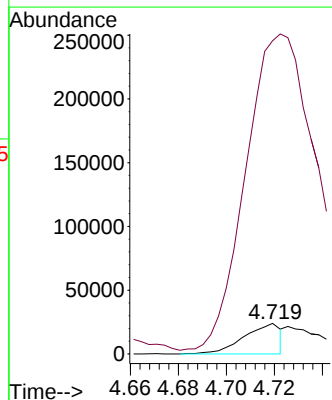
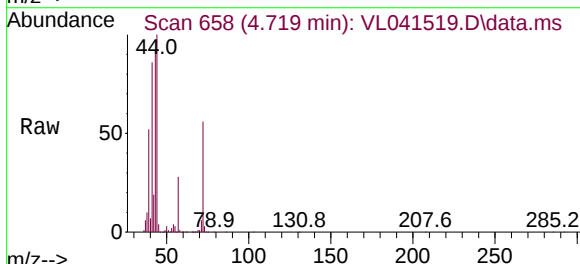
Acq: 8 Aug 2024 19:15

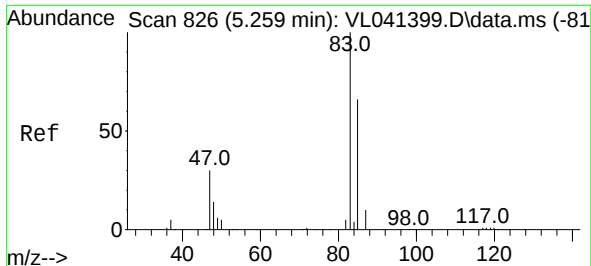
Tgt Ion: 73 Resp: 25284

Ion Ratio Lower Upper

73 100

57 1995.9 18.9 28.3#





#29

Chloroform

Concen: 0.105 ppbv

RT: 5.285 min Scan# 84

Delta R.T. 0.013 min

Lab File: VL041519.D

Acq: 8 Aug 2024 19:15

Instrument :

MSVOA_L

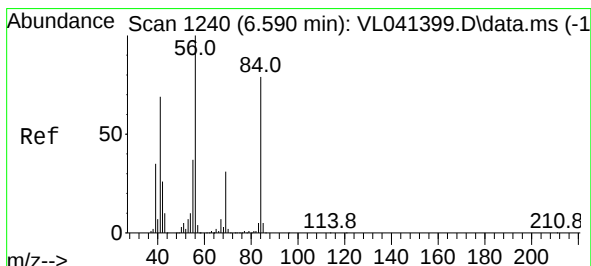
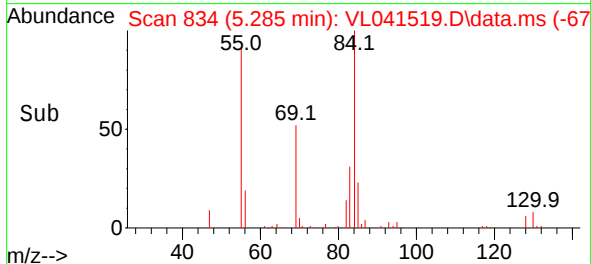
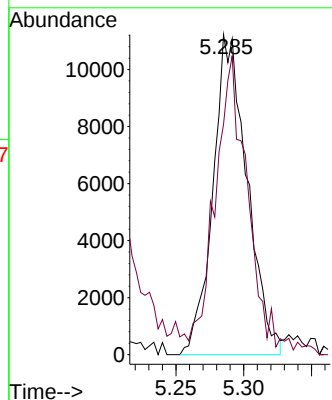
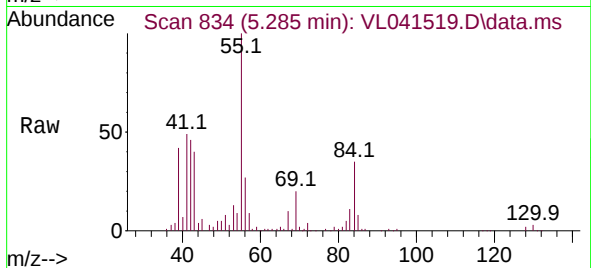
ClientSampleId :

Tgt Ion: 83 Resp: 19665

Ion Ratio Lower Upper

83 100

85 67.1 53.1 79.7



#30

Cyclohexane

Concen: 0.083 ppbv

RT: 6.600 min Scan# 1243

Delta R.T. 0.003 min

Lab File: VL041519.D

Acq: 8 Aug 2024 19:15

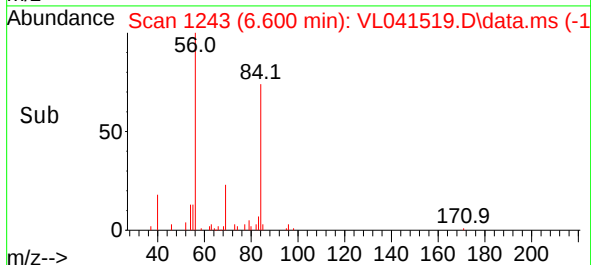
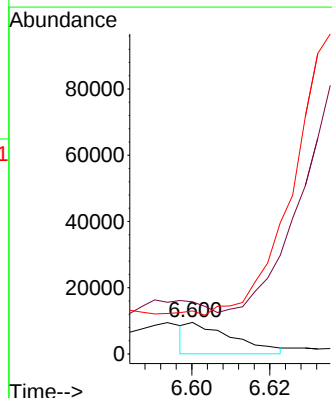
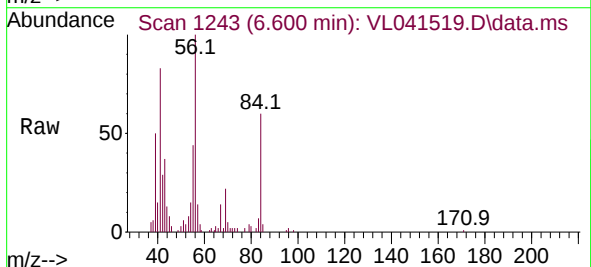
Tgt Ion: 84 Resp: 7728

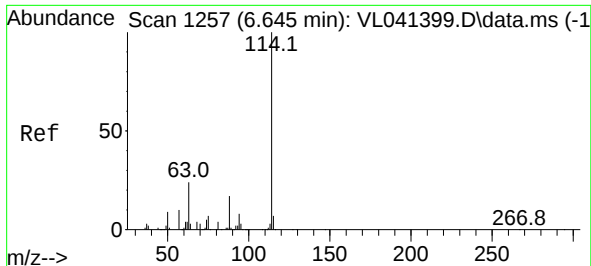
Ion Ratio Lower Upper

84 100

56 0.0 111.2 166.8#

41 0.0 70.3 105.5#

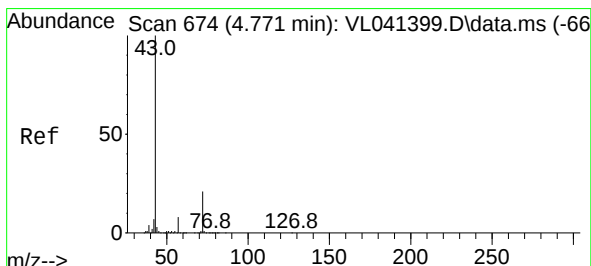
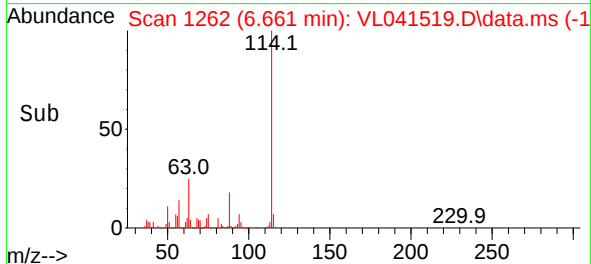
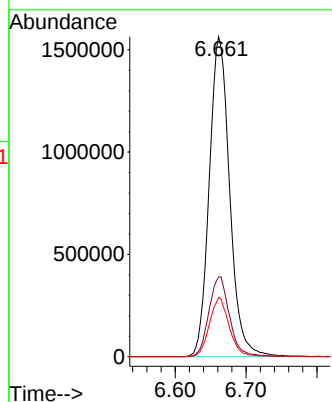
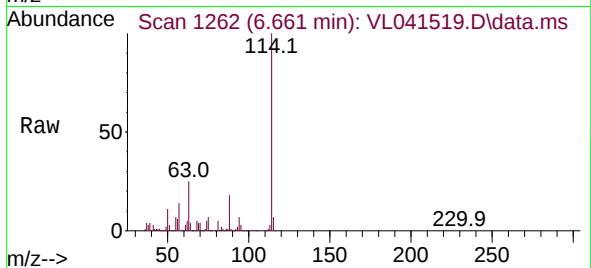




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.661 min Scan# 114
Delta R.T. 0.013 min
Lab File: VL041519.D
Acq: 8 Aug 2024 19:15

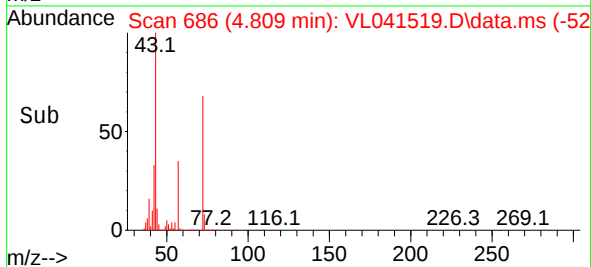
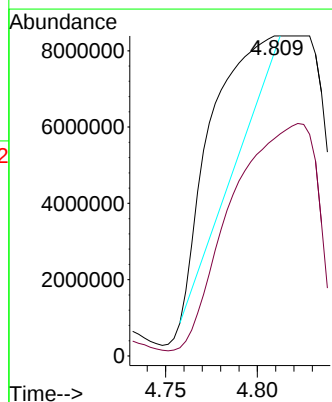
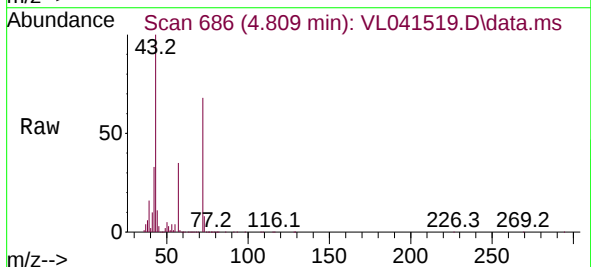
Instrument :
MSVOA_L
ClientSampleId :

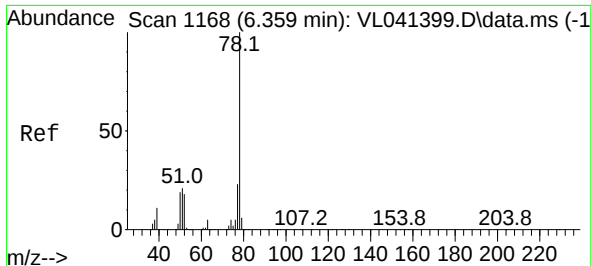
Tgt Ion:114 Resp: 3122938
Ion Ratio Lower Upper
114 100
63 25.4 20.3 30.5
88 18.0 14.3 21.5



#34
2-Butanone
Concen: 45.434 ppbv
RT: 4.809 min Scan# 686
Delta R.T. 0.026 min
Lab File: VL041519.D
Acq: 8 Aug 2024 19:15

Tgt Ion: 43 Resp: 6863587
Ion Ratio Lower Upper
43 100
72 305.8 17.3 25.9#

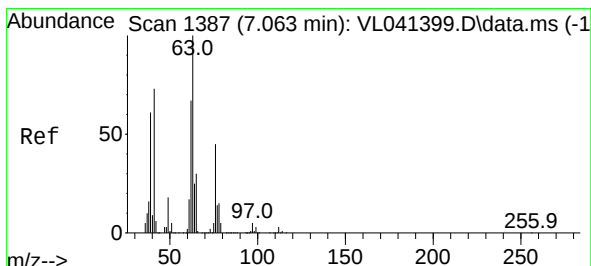
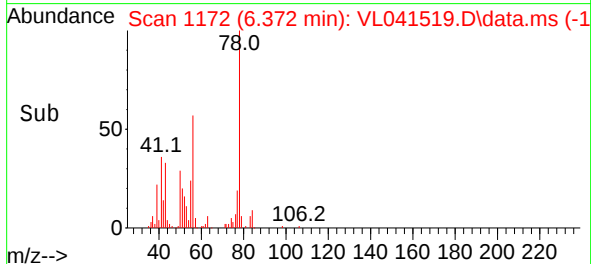
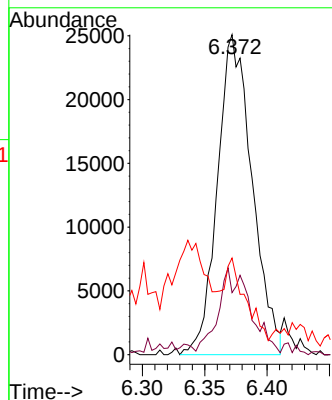
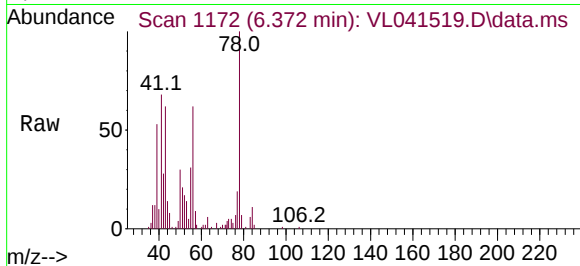




#36
Benzene
Concen: 0.213 ppbv
RT: 6.372 min Scan# 1451
Delta R.T. 0.003 min
Lab File: VL041519.D
Acq: 8 Aug 2024 19:15

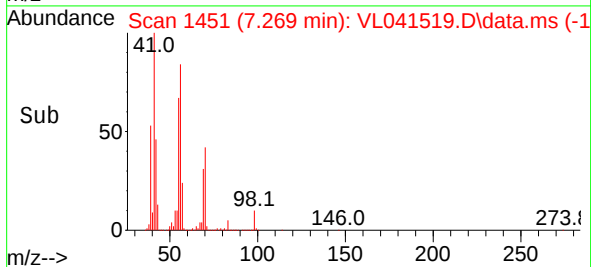
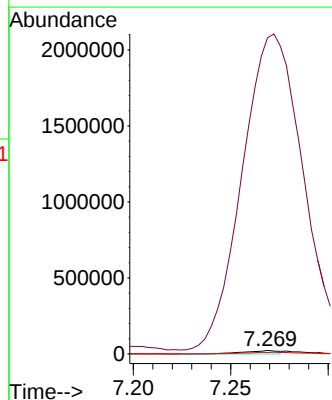
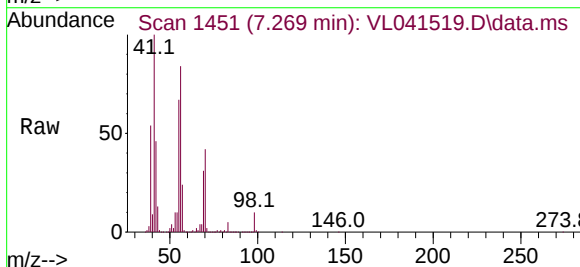
Instrument :
MSVOA_L
ClientSampleId :

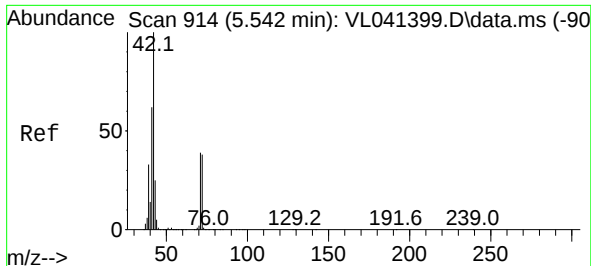
Tgt Ion: 78 Resp: 48596
Ion Ratio Lower Upper
78 100
77 18.8 18.1 27.1
50 23.5 15.5 23.3#



#39
1,2-Dichloropropane
Concen: 0.319 ppbv
RT: 7.269 min Scan# 1451
Delta R.T. 0.199 min
Lab File: VL041519.D
Acq: 8 Aug 2024 19:15

Tgt Ion: 63 Resp: 27905
Ion Ratio Lower Upper
63 100
41 9142.6 58.3 87.5#
62 38.8 53.9 80.9#





#41

Tetrahydrofuran

Concen: 0.101 ppbv

RT: 5.619 min Scan# 914

Delta R.T. 0.068 min

Lab File: VL041519.D

Acq: 8 Aug 2024 19:15

Instrument :

MSVOA_L

ClientSampleId :

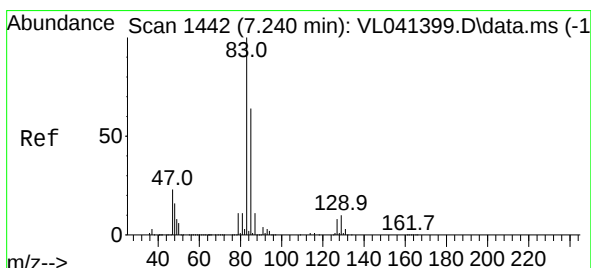
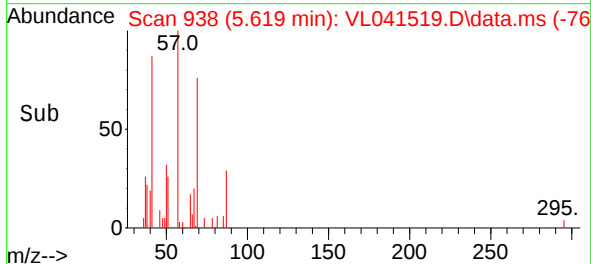
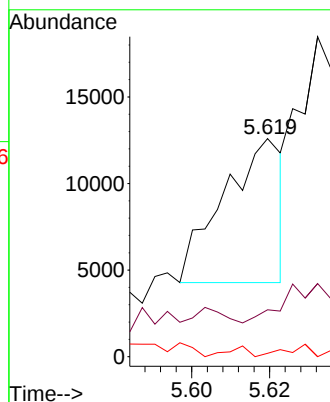
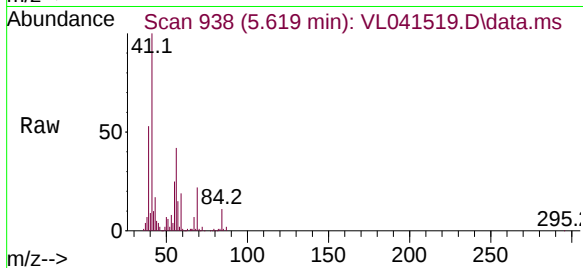
Tgt Ion: 42 Resp: 8719

Ion Ratio Lower Upper

42 100

72 109.6 31.2 46.8#

71 71.5 30.5 45.7#



#42

Bromodichloromethane

Concen: 1.149 ppbv

RT: 7.275 min Scan# 1453

Delta R.T. 0.029 min

Lab File: VL041519.D

Acq: 8 Aug 2024 19:15

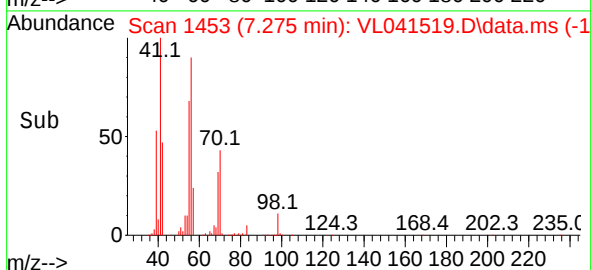
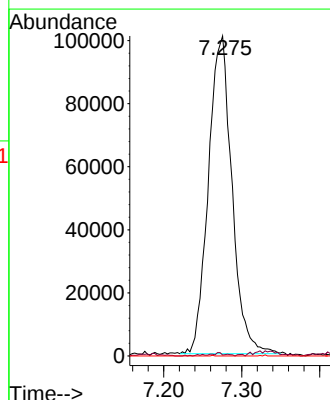
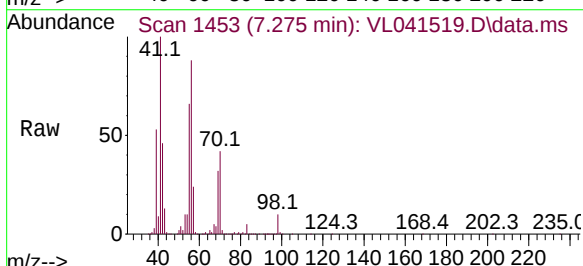
Tgt Ion: 83 Resp: 211923

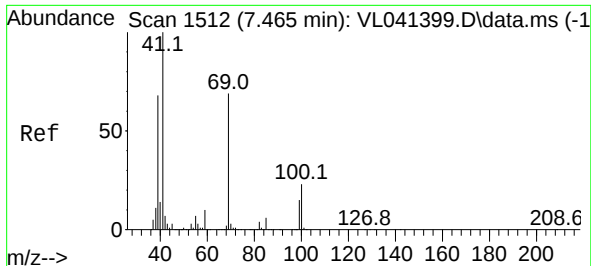
Ion Ratio Lower Upper

83 100

85 0.3 51.4 77.0#

127 0.0 6.7 10.1#





#43

Methyl Methacrylate

Concen: 0.920 ppbv

RT: 7.513 min Scan# 1

Delta R.T. 0.045 min

Lab File: VL041519.D

Acq: 8 Aug 2024 19:15

Instrument :

MSVOA_L

ClientSampleId :

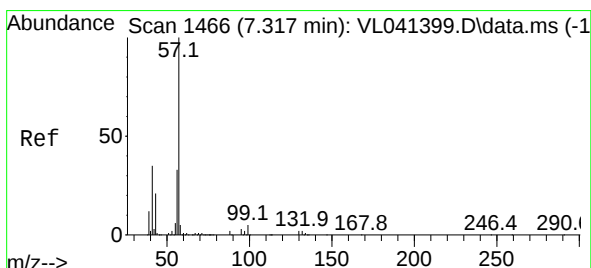
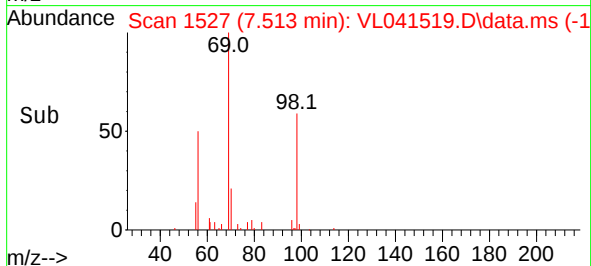
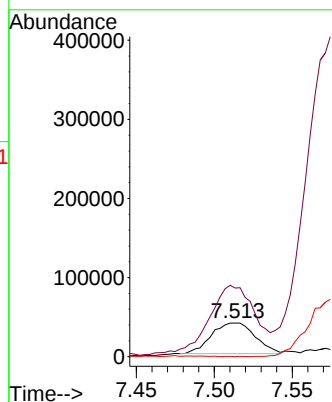
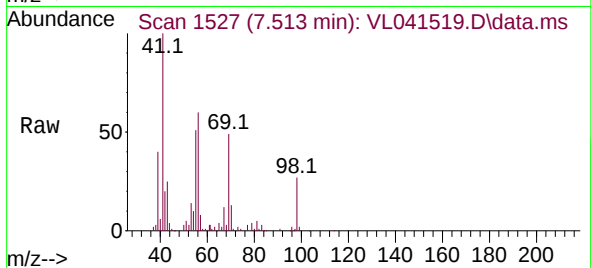
Tgt Ion: 69 Resp: 75245

Ion Ratio Lower Upper

69 100

41 232.0 118.7 178.1#

100 9.9 27.0 40.4#



#44

2,2,4-Trimethylpentane

Concen: 0.128 ppbv

RT: 7.327 min Scan# 1469

Delta R.T. 0.007 min

Lab File: VL041519.D

Acq: 8 Aug 2024 19:15

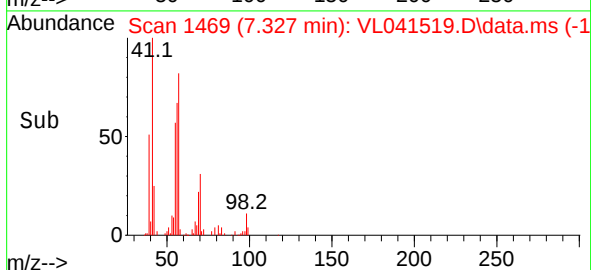
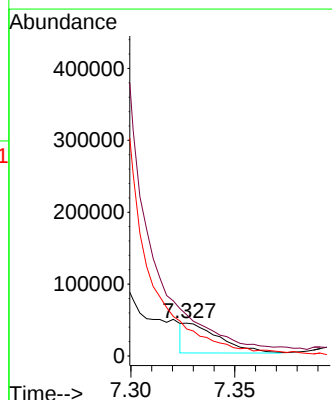
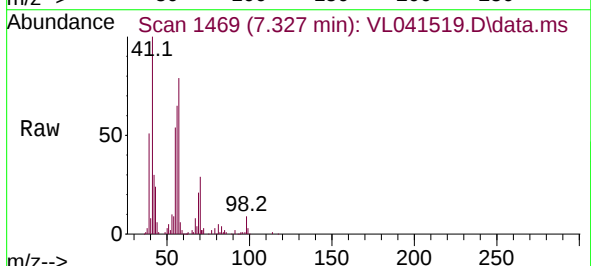
Tgt Ion: 57 Resp: 48854

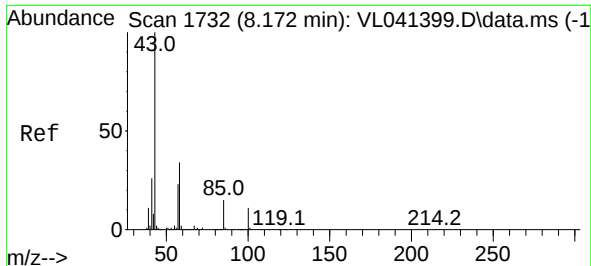
Ion Ratio Lower Upper

57 100

41 0.0 27.0 40.6#

56 0.0 25.2 37.8#





#50

4-Methyl-2-Pentanone

Concen: 0.602 ppbv

RT: 8.182 min Scan# 1

Delta R.T. 0.007 min

Lab File: VL041519.D

Acq: 8 Aug 2024 19:15

Instrument :

MSVOA_L

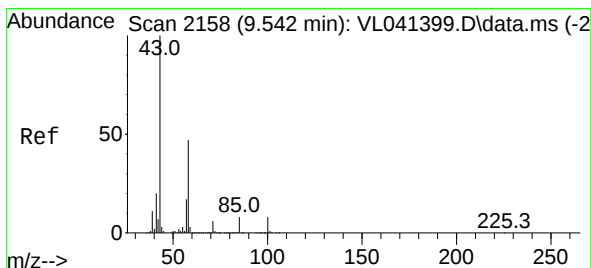
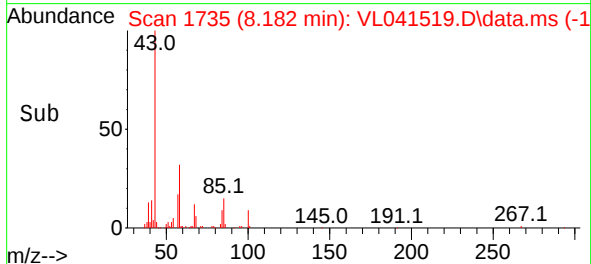
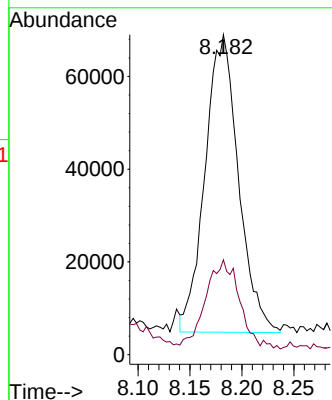
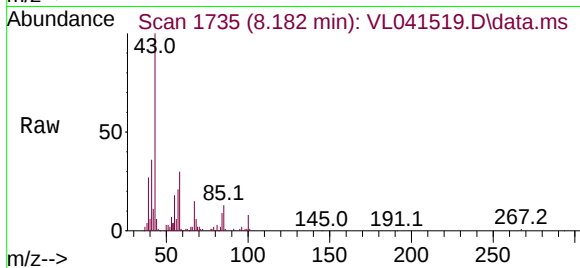
ClientSampleId :

Tgt Ion: 43 Resp: 143417

Ion Ratio Lower Upper

43 100

58 33.7 27.9 41.9



#51

2-Hexanone

Concen: 8.765 ppbv

RT: 9.542 min Scan# 2158

Delta R.T. -0.003 min

Lab File: VL041519.D

Acq: 8 Aug 2024 19:15

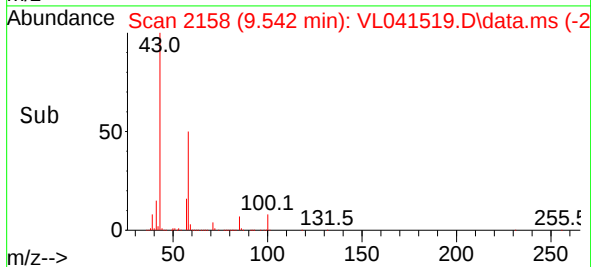
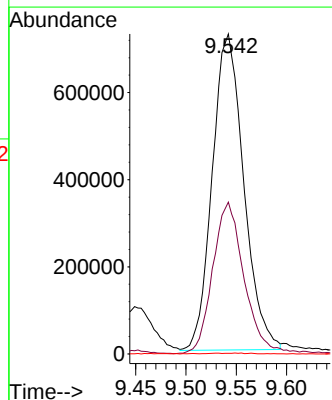
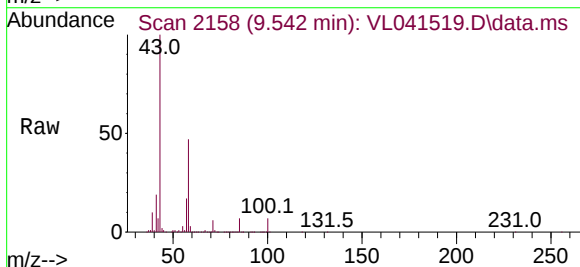
Tgt Ion: 43 Resp: 1579693

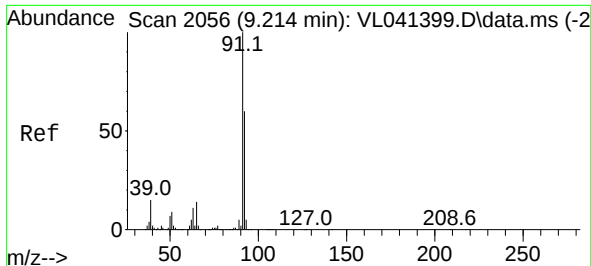
Ion Ratio Lower Upper

43 100

58 48.1 38.2 57.2

98 0.4 0.3 0.5

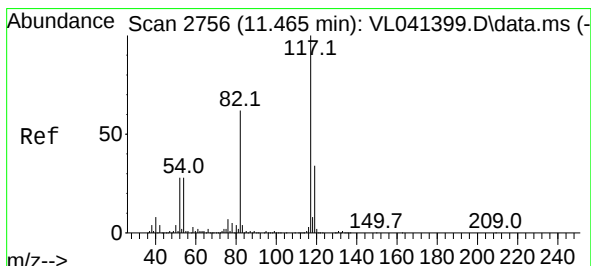
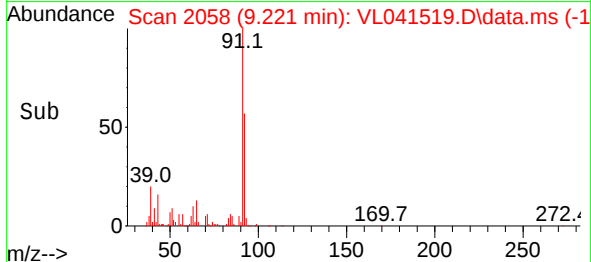
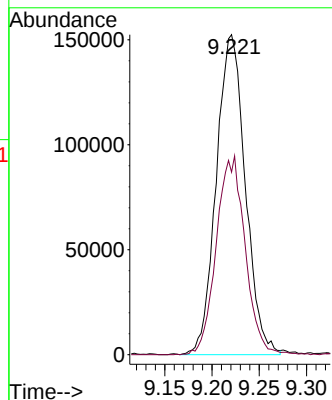
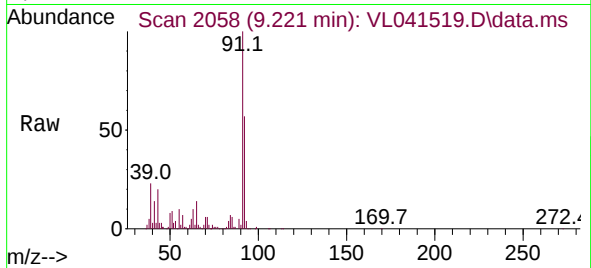




#53
Toluene
Concen: 1.282 ppbv
RT: 9.221 min Scan# 2056
Delta R.T. 0.003 min
Lab File: VL041519.D
Acq: 8 Aug 2024 19:15

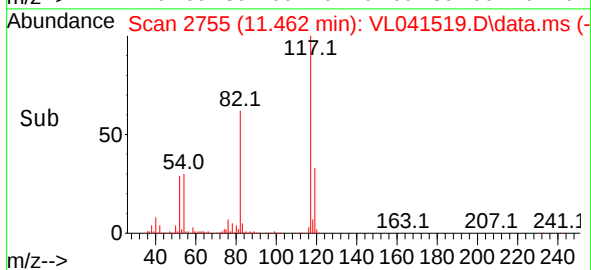
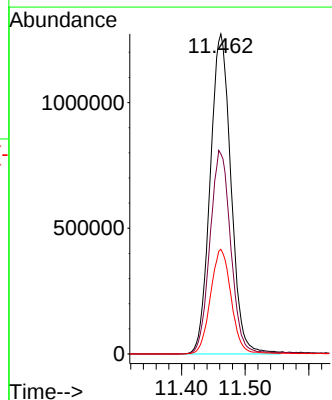
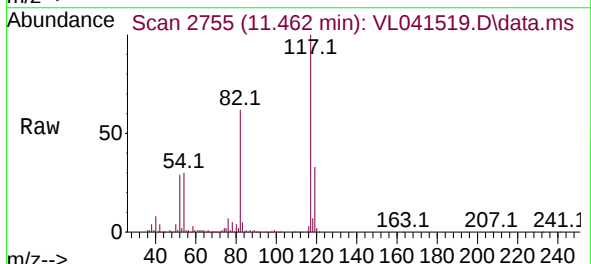
Instrument :
MSVOA_L
ClientSampleId :

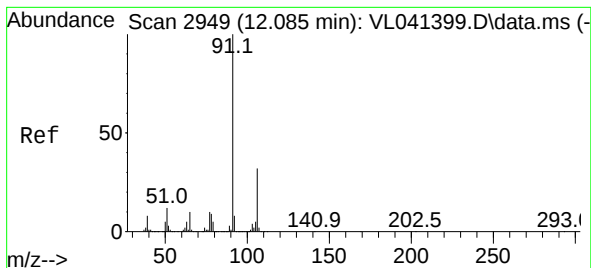
Tgt Ion: 91 Resp: 325787
Ion Ratio Lower Upper
91 100
92 61.7 48.7 73.1



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.462 min Scan# 2755
Delta R.T. 0.000 min
Lab File: VL041519.D
Acq: 8 Aug 2024 19:15

Tgt Ion: 117 Resp: 2890057
Ion Ratio Lower Upper
117 100
82 64.6 51.0 76.6
119 32.7 45.2 67.8#





#58

Ethyl Benzene

Concen: 0.952 ppbv

RT: 12.085 min Scan# 2949

Delta R.T. 0.000 min

Lab File: VL041519.D

Acq: 8 Aug 2024 19:15

Instrument :

MSVOA_L

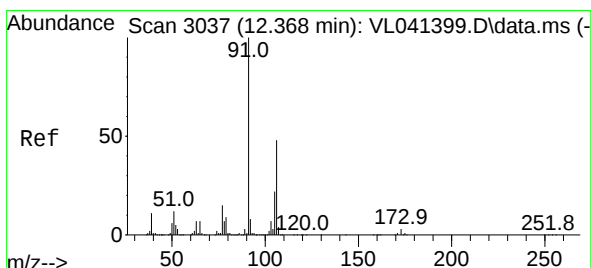
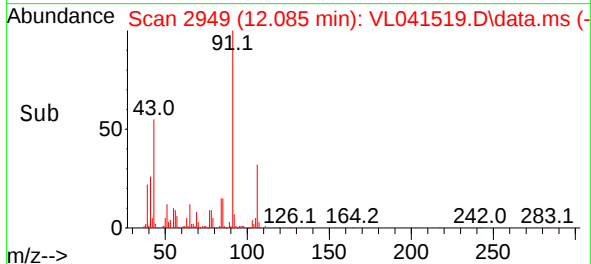
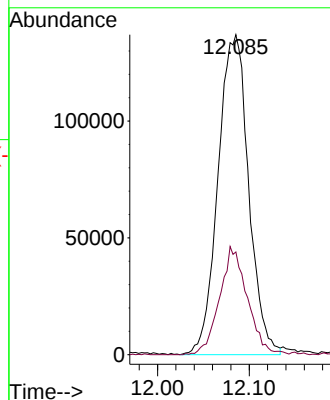
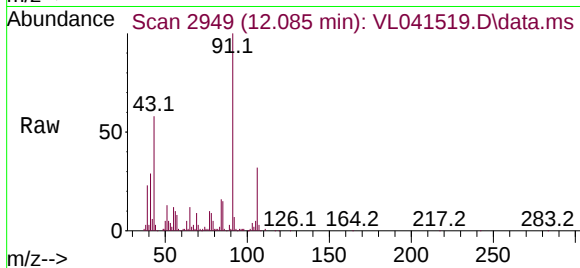
ClientSampleId :

Tgt Ion: 91 Resp: 317132

Ion Ratio Lower Upper

91 100

106 32.1 25.8 38.8



#59

m/p-Xylene

Concen: 2.326 ppbv

RT: 12.336 min Scan# 3027

Delta R.T. -0.032 min

Lab File: VL041519.D

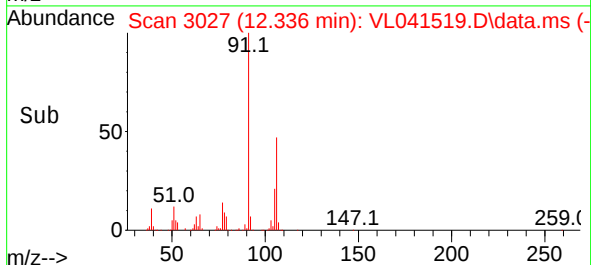
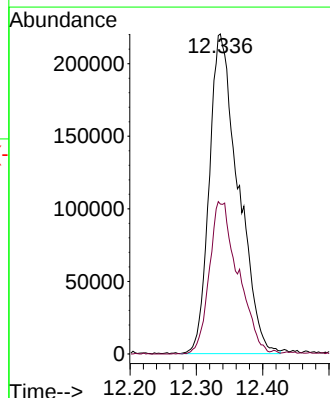
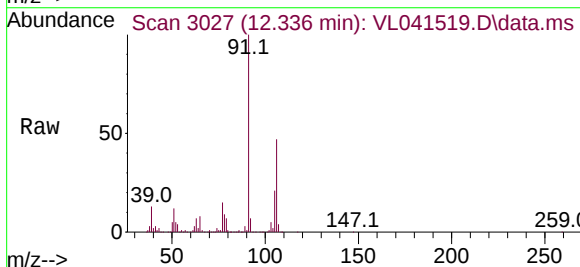
Acq: 8 Aug 2024 19:15

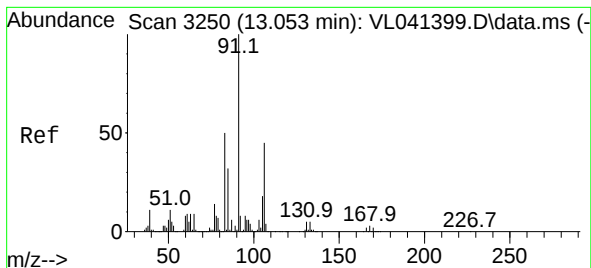
Tgt Ion: 91 Resp: 668963

Ion Ratio Lower Upper

91 100

106 48.0 36.3 54.5

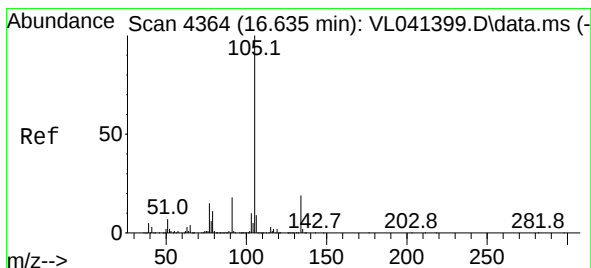
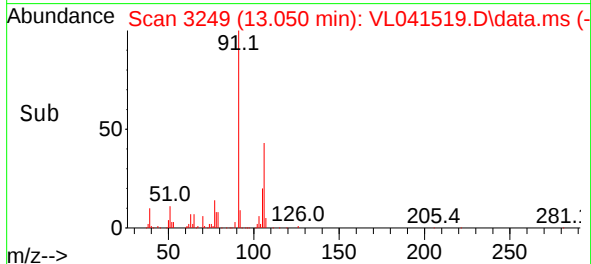
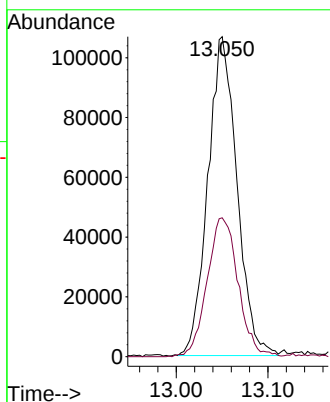
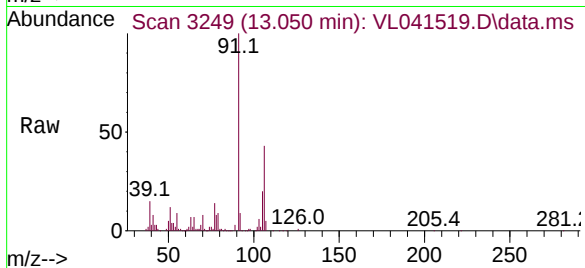




#60
o-Xylene
Concen: 0.865 ppbv
RT: 13.050 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL041519.D
Acq: 8 Aug 2024 19:15

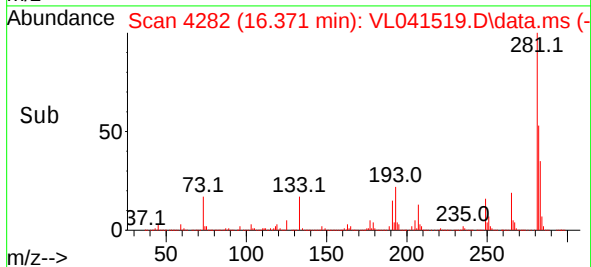
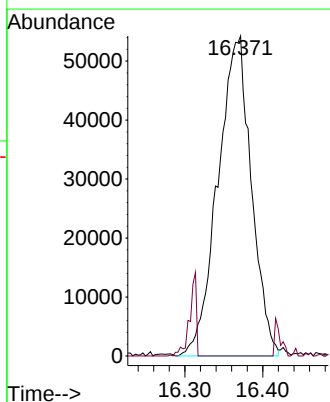
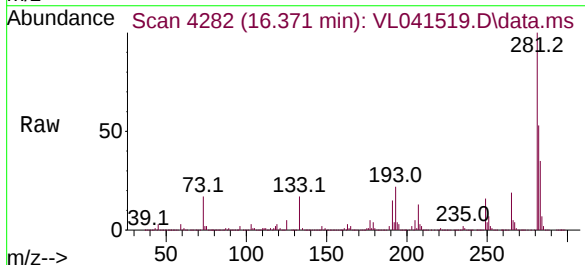
Instrument :
MSVOA_L
ClientSampleId :

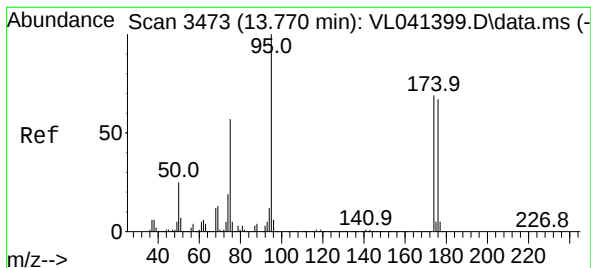
Tgt Ion: 91 Resp: 235216
Ion Ratio Lower Upper
91 100
106 46.4 23.1 69.3



#67
sec-Butylbenzene
Concen: 0.315 ppbv
RT: 16.371 min Scan# 4282
Delta R.T. -0.257 min
Lab File: VL041519.D
Acq: 8 Aug 2024 19:15

Tgt Ion:105 Resp: 161937
Ion Ratio Lower Upper
105 100
134 2.2 14.5 21.7#





#68

1-Bromo-4-Fluorobenzene

Concen: 9.984 ppbv

RT: 13.767 min Scan# 3472

Delta R.T. 0.000 min

Lab File: VL041519.D

Acq: 8 Aug 2024 19:15

Instrument :

MSVOA_L

ClientSampleId :

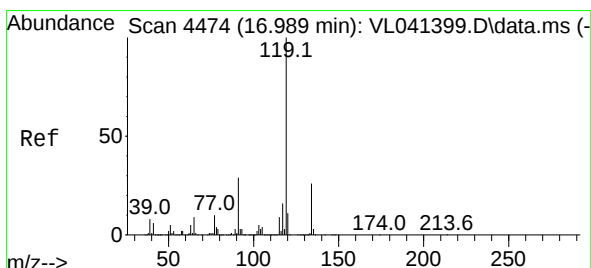
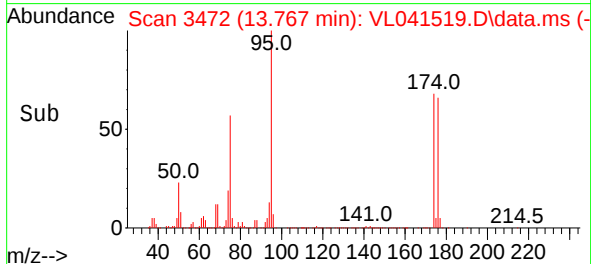
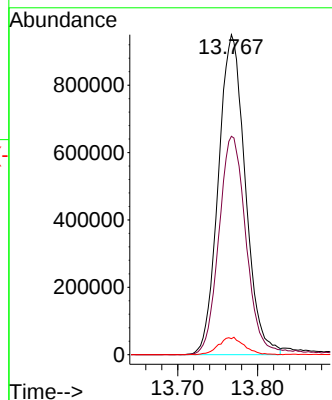
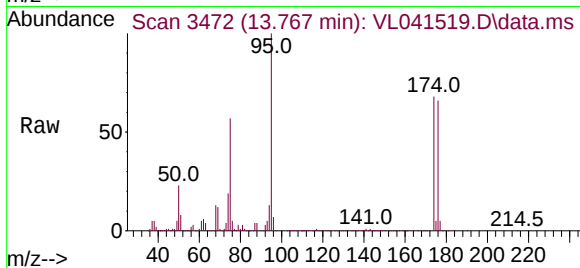
Tgt Ion: 95 Resp: 2220443

Ion Ratio Lower Upper

95 100

174 70.8 56.3 84.5

175 5.2 4.0 6.0



#69

p-Isopropyltoluene

Concen: 0.768 ppbv

RT: 16.989 min Scan# 4474

Delta R.T. 0.000 min

Lab File: VL041519.D

Acq: 8 Aug 2024 19:15

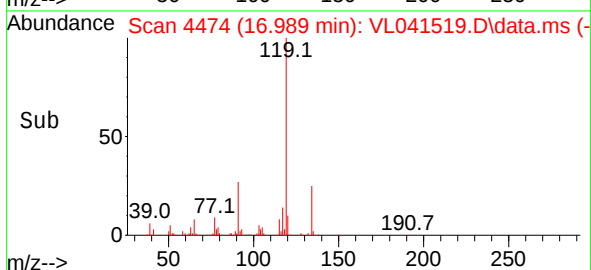
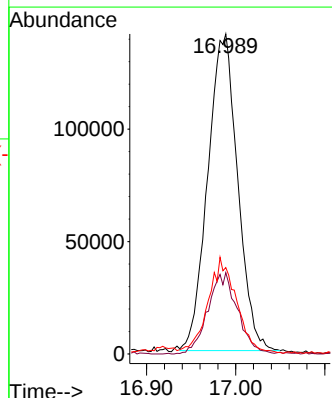
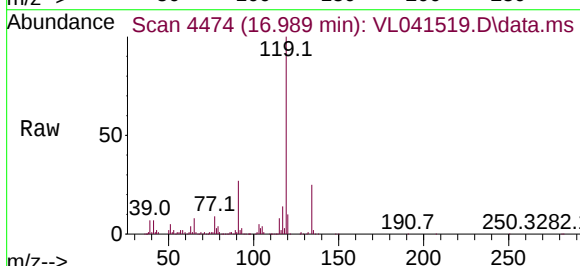
Tgt Ion: 119 Resp: 328129

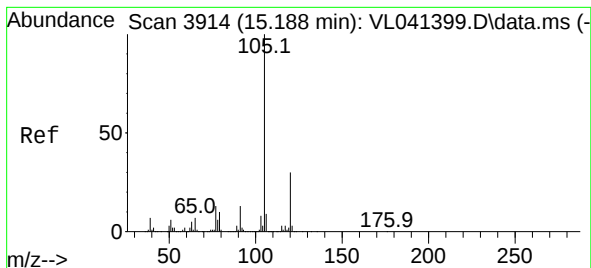
Ion Ratio Lower Upper

119 100

134 25.7 20.5 30.7

91 31.4 23.2 34.8





#72

4-Ethyltoluene

Concen: 0.043 ppbv

RT: 15.188 min Scan# 3914

Delta R.T. 0.000 min

Lab File: VL041519.D

Acq: 8 Aug 2024 19:15

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:105 Resp: 13716

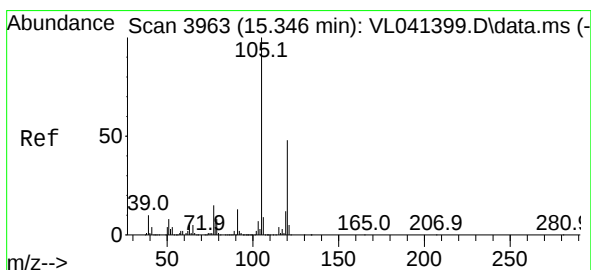
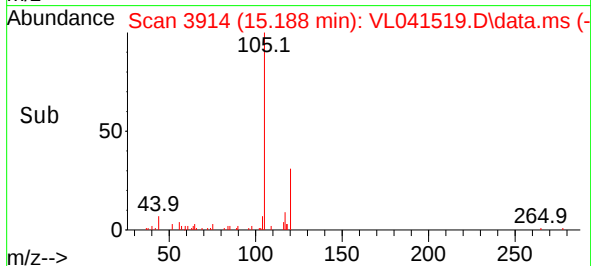
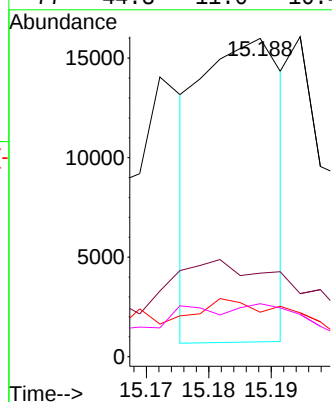
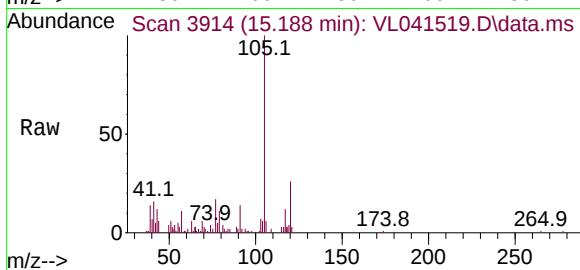
Ion Ratio Lower Upper

105 100

120 83.8 24.2 36.2#

91 32.5 10.4 15.6#

77 44.3 11.0 16.4#



#73

1,3,5-Trimethylbenzene

Concen: 0.071 ppbv

RT: 15.339 min Scan# 3961

Delta R.T. -0.006 min

Lab File: VL041519.D

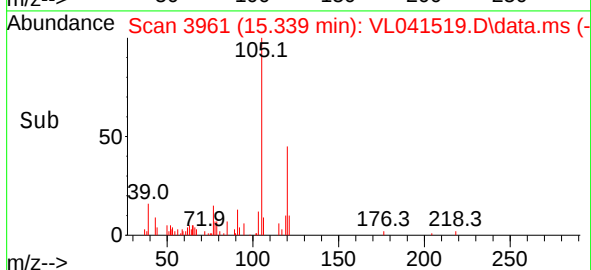
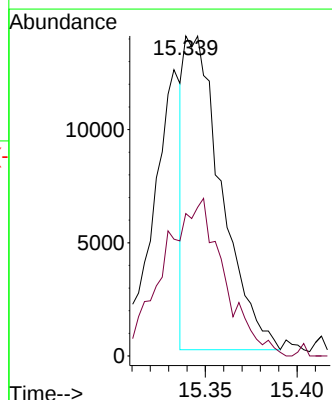
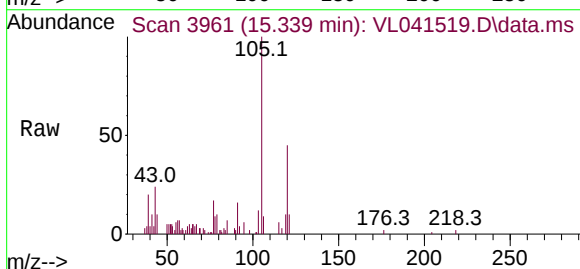
Acq: 8 Aug 2024 19:15

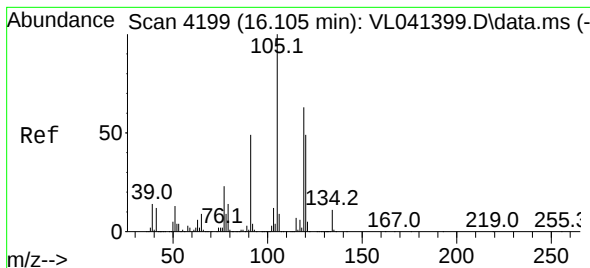
Tgt Ion:105 Resp: 19621

Ion Ratio Lower Upper

105 100

120 44.2 38.6 57.8





#74

1,2,4-Trimethylbenzene

Concen: 0.477 ppbv

RT: 16.098 min Scan# 4199

Delta R.T. -0.003 min

Lab File: VL041519.D

Acq: 8 Aug 2024 19:15

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:105 Resp: 152947

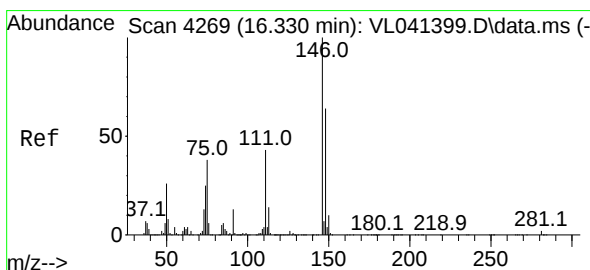
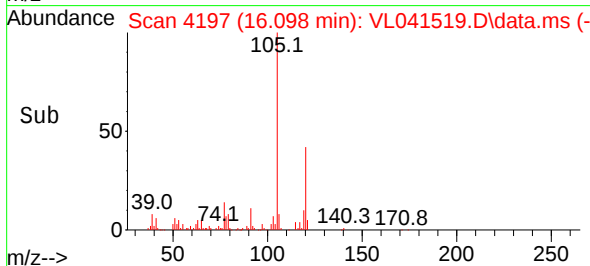
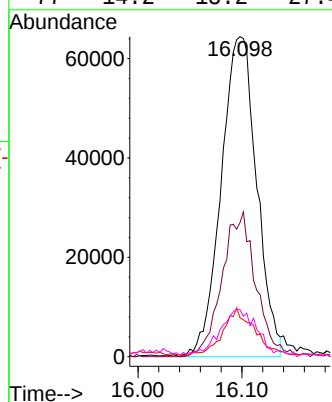
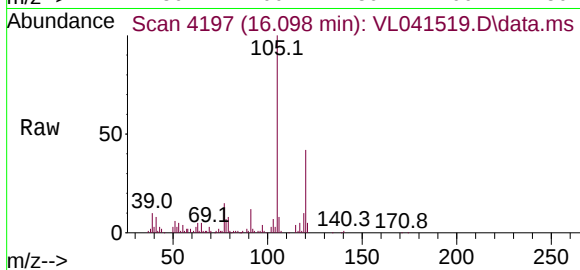
Ion Ratio Lower Upper

105 100

120 41.9 39.5 59.3

91 11.6 39.8 59.8#

77 14.2 18.2 27.4#



#75

1,3-Dichlorobenzene

Concen: 1.189 ppbv

RT: 16.323 min Scan# 4267

Delta R.T. 0.000 min

Lab File: VL041519.D

Acq: 8 Aug 2024 19:15

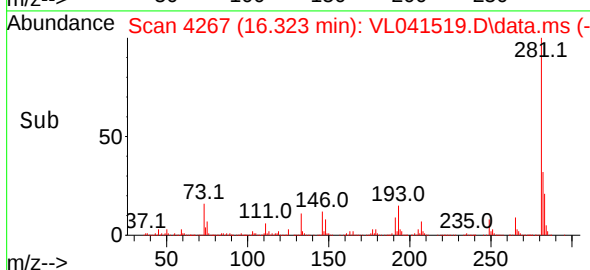
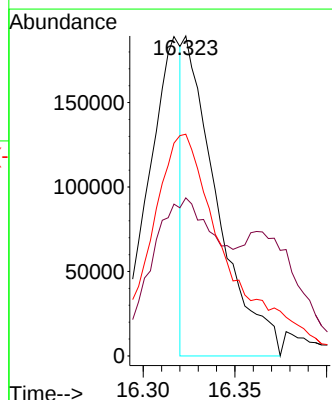
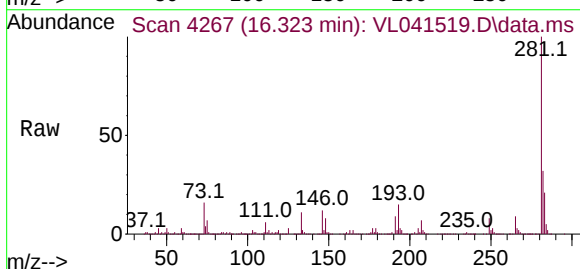
Tgt Ion:146 Resp: 239737

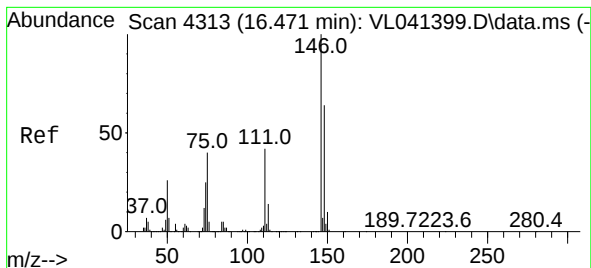
Ion Ratio Lower Upper

146 100

111 174.0 22.6 67.8#

148 161.1 32.3 96.8#





#76

1,4-Dichlorobenzene

Concen: 0.093 ppbv

RT: 16.378 min Scan# 41

Delta R.T. -0.087 min

Lab File: VL041519.D

Acq: 8 Aug 2024 19:15

Instrument :

MSVOA_L

ClientSampleId :

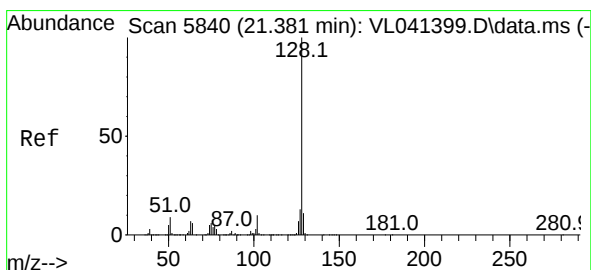
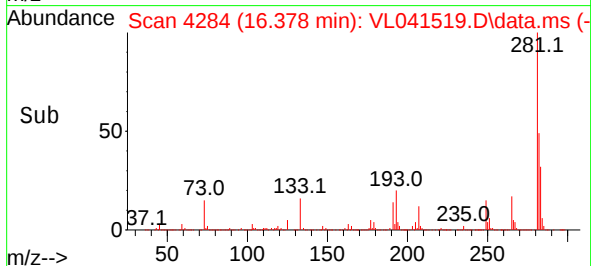
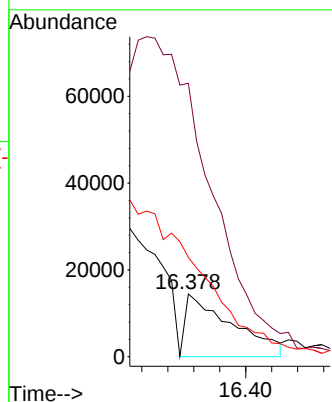
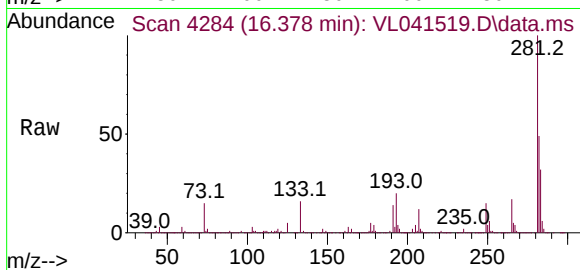
Tgt Ion:146 Resp: 18067

Ion Ratio Lower Upper

146 100

111 939.9 22.4 67.0#

148 0.0 33.1 99.5#



#79

Naphthalene

Concen: 0.055 ppbv

RT: 21.368 min Scan# 5836

Delta R.T. -0.003 min

Lab File: VL041519.D

Acq: 8 Aug 2024 19:15

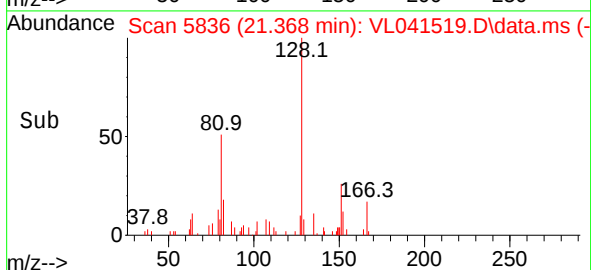
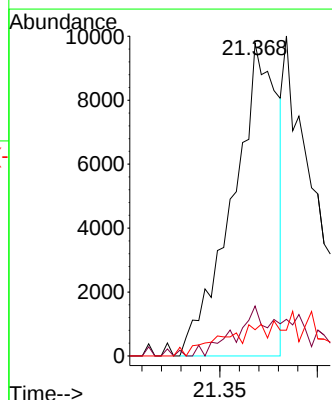
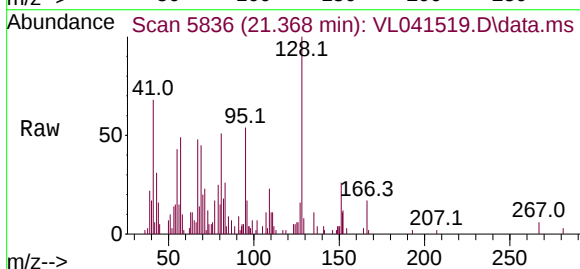
Tgt Ion:128 Resp: 15586

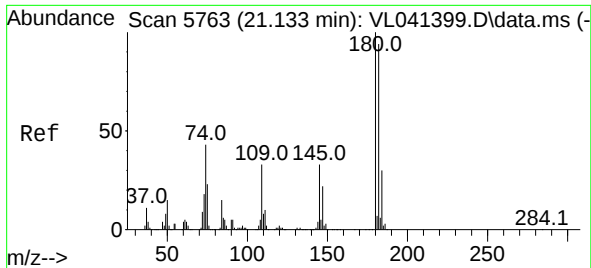
Ion Ratio Lower Upper

128 100

127 14.1 10.3 15.5

129 5.6 9.0 13.4#





#81

1,2,4-Trichlorobenzene

Concen: 0.472 ppbv

RT: 20.783 min Scan# 5

Delta R.T. -0.347 min

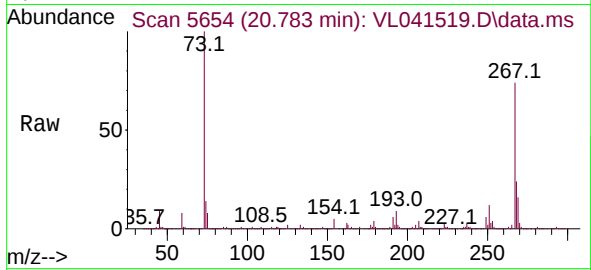
Lab File: VL041519.D

Acq: 8 Aug 2024 19:15

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:180 Resp: 79566

Ion Ratio Lower Upper

180 100

182 16.9 76.7 115.1#

184 1.2 24.5 36.7#

