

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040424\
 Data File : VL041125.D
 Acq On : 4 Apr 2024 12:40
 Operator : SY/MD
 Sample : VSTDICC0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.03

Quant Time: Apr 05 04:18:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL040424AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Apr 05 04:13:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.214	49	1366828	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.681	114	3410305	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.500	117	3013728	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.812	95	2446568	10.132	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.300%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.739	85	7009	0.030	ppbv	90
3) Chlorodifluoromethane	2.993	51	763	0.004	ppbv	94
4) Chloromethane	2.816	50	1850	0.023	ppbv	95
5) Vinyl Chloride	2.932	62	2019	0.027	ppbv	94
6) Bromomethane	3.134	94	407	0.014	ppbv #	65
7) Chloroethane	3.202	64	285	0.010	ppbv	97
8) Dichlorotetrafluoroethane	2.867	85	5866	0.029	ppbv	90
9) Propene	2.706	41	4197	0.063	ppbv	95
10) Heptane	7.607	43	1267	0.008	ppbv #	35
11) Trichlorofluoromethane	3.571	101	5941	0.028	ppbv	86
12) 1,1,2-Trichlorotrifluo...	4.083	101	4376	0.029	ppbv	88
13) Ethanol	3.276	45	315	0.020	ppbv	63
14) Bromoethene	3.375	108	900	0.015	ppbv #	30
15) Acetone	3.485	43	165	0.001	ppbv #	49
16) 1,3-Butadiene	2.996	39	1677	0.023	ppbv #	10
17) tert-Butyl alcohol	3.890	59	197	0.001	ppbv #	71
18) 1,1-Dichloroethene	3.896	96	1150	0.018	ppbv	87
19) Isopropyl Alcohol	3.584	45	88	0.001	ppbv #	89
20) Methylene Chloride	3.941	84	3447	0.056	ppbv #	84
21) Allyl Chloride	4.018	41	1306	0.014	ppbv #	1
22) trans-1,2-Dichloroethene	4.459	96	622	0.009	ppbv #	71
23) Vinyl Acetate	4.639	43	322	0.002	ppbv #	1
24) 1,1-Dichloroethane	4.575	63	1795	0.013	ppbv #	89
25) Ethyl Acetate	5.227	43	1700	0.006	ppbv #	75
26) Hexane	5.240	57	3745	0.030	ppbv #	1
27) Carbon Disulfide	4.147	76	2024	0.013	ppbv #	62
28) Methyl tert-Butyl Ether	4.610	73	110	0.001	ppbv #	1
29) Chloroform	5.295	83	4758	0.023	ppbv #	47
30) Cyclohexane	6.629	84	696	0.007	ppbv #	1
31) cis-1,2-Dichloroethene	5.092	61	568	0.005	ppbv #	88
32) 1,1,1-Trichloroethane	6.025	97	3298	0.017	ppbv #	20
34) 2-Butanone	4.803	43	94	0.001	ppbv #	54
35) Carbon Tetrachloride	6.526	117	849	0.004	ppbv #	22
36) Benzene	6.394	78	2555	0.010	ppbv #	34
37) 1,2-Dichloroethane	5.829	62	3042	0.020	ppbv #	83
38) Trichloroethene	7.317	130	1578	0.017	ppbv #	42
39) 1,2-Dichloropropane	6.681	63	878162	8.844	ppbv #	25
40) 1,4-Dioxane	7.317	88	165	0.005	ppbv #	1
41) Tetrahydrofuran	5.610	42	81	0.001	ppbv #	55
42) Bromodichloromethane	7.282	83	999	0.005	ppbv #	20
43) Methyl Methacrylate	7.510	69	467	0.005	ppbv #	1
44) 2,2,4-Trimethylpentane	7.359	57	4062	0.010	ppbv #	8
45) t-1,3-Dichloropropene	8.738	75	228	0.004	ppbv #	43

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040424\
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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VSTDICC0.03

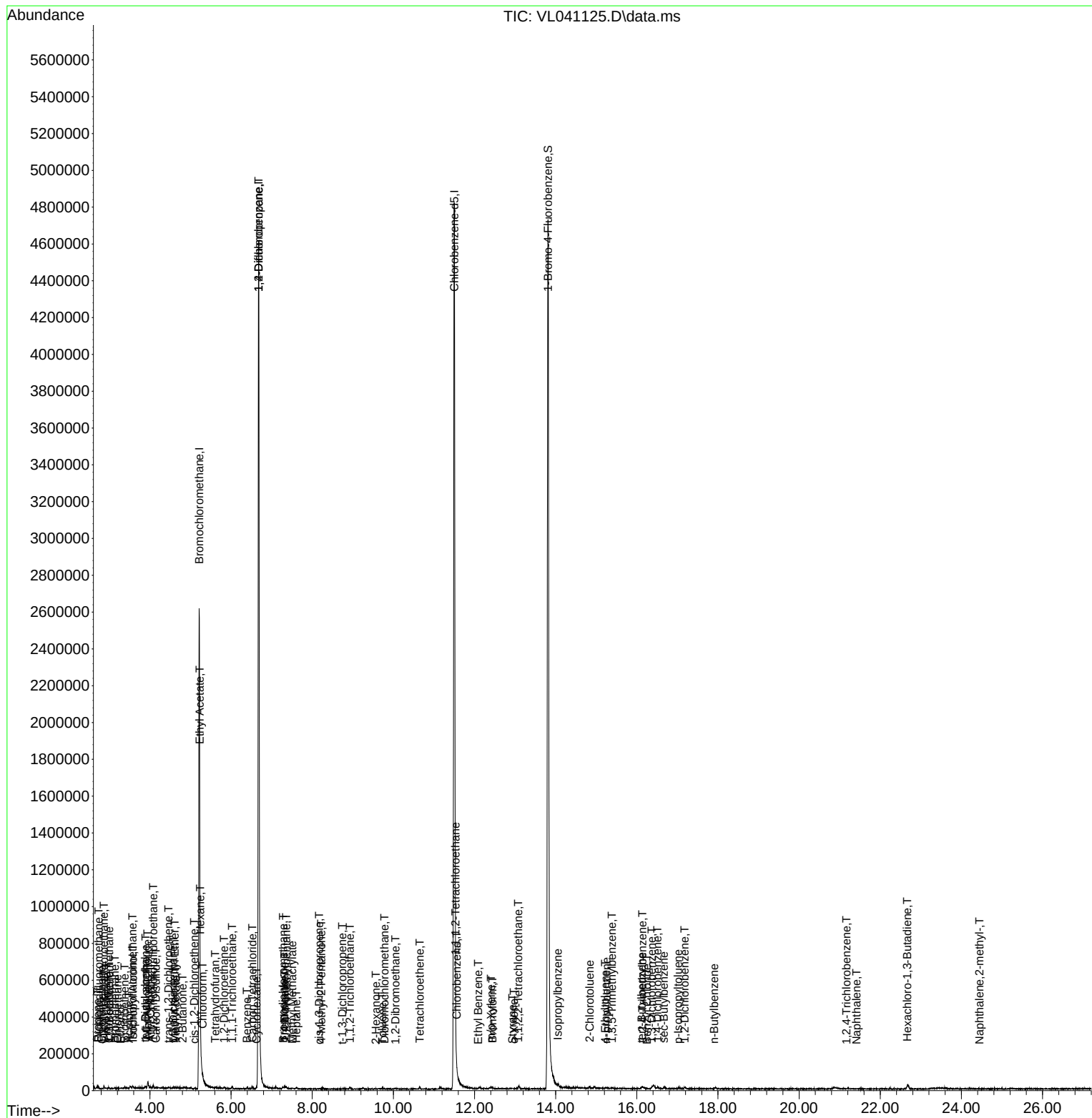
Quant Time: Apr 05 04:18:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL040424AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Apr 05 04:13:19 2024
 Response via : Initial Calibration

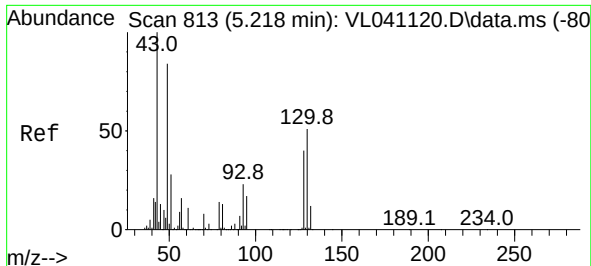
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) cis-1,3-Dichloropropene	8.169	75	582	0.008	ppbv	#	53
47) 1,1,2-Trichloroethane	8.928	97	384	0.004	ppbv	#	33
48) Dibromochloromethane	9.783	129	250	0.001	ppbv		74
49) Bromoform	12.442	173	178	0.001	ppbv	#	26
50) 4-Methyl-2-Pentanone	8.227	43	142	0.001	ppbv	#	40
51) 2-Hexanone	9.568	43	247	0.001	ppbv	#	31
52) Tetrachloroethene	10.648	164	723	0.009	ppbv	#	47
53) Toluene	9.729	91	157	0.001	ppbv		87
54) 1,2-Dibromoethane	10.053	107	1370	0.010	ppbv		98
56) 1,1,1,2-Tetrachloroethane	11.536	131	679	0.006	ppbv	#	1
57) Chlorobenzene	11.561	112	3894	0.019	ppbv	#	69
58) Ethyl Benzene	12.092	91	242	0.001	ppbv		98
59) m/p-Xylene	12.407	91	2018	0.007	ppbv	#	1
60) o-Xylene	12.973	91	45	0.000	ppbv		72
61) Styrene	12.938	104	445	0.004	ppbv	#	27
62) Isopropylbenzene	14.053	105	3060	0.007	ppbv	#	49
63) 1,1,2,2-Tetrachloroethane	13.076	83	1129	0.005	ppbv	#	24
64) n-propylbenzene	15.249	120	143	0.001	ppbv		82
65) tert-Butylbenzene	16.121	119	539	0.001	ppbv	#	16
66) Benzyl Chloride	16.253	91	76	0.003	ppbv	#	1
67) sec-Butylbenzene	16.667	105	1121	0.002	ppbv	#	59
69) p-Isopropyltoluene	17.021	119	483	0.001	ppbv	#	46
70) n-Butylbenzene	17.908	91	868	0.002	ppbv	#	33
71) 2-Chlorotoluene	14.838	91	2524	0.008	ppbv		84
72) 4-Ethyltoluene	15.220	105	778	0.002	ppbv	#	54
73) 1,3,5-Trimethylbenzene	15.384	105	1538	0.006	ppbv	#	59
74) 1,2,4-Trimethylbenzene	16.140	105	1557	0.005	ppbv	#	60
75) 1,3-Dichlorobenzene	16.365	146	819	0.004	ppbv	#	23
76) 1,4-Dichlorobenzene	16.510	146	1675	0.009	ppbv	#	20
77) 1,2-Dichlorobenzene	17.179	146	1161	0.006	ppbv	#	22
78) Hexachloro-1,3-Butadiene	22.664	225	1035	0.009	ppbv	#	18
79) Naphthalene	21.416	128	92	0.000	ppbv	#	1
80) Naphthalene,2-methyl-	24.445	142	75	0.002	ppbv	#	35
81) 1,2,4-Trichlorobenzene	21.166	180	242	0.002	ppbv	#	12

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

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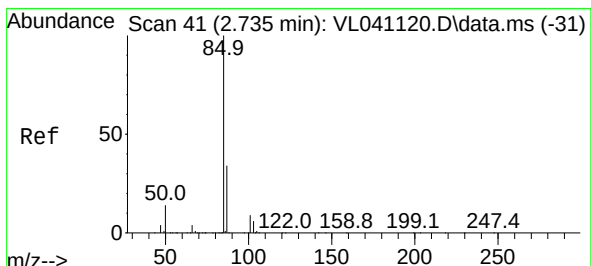
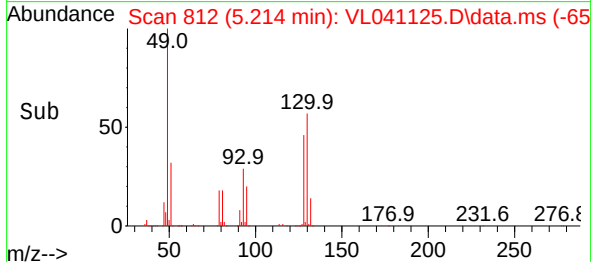
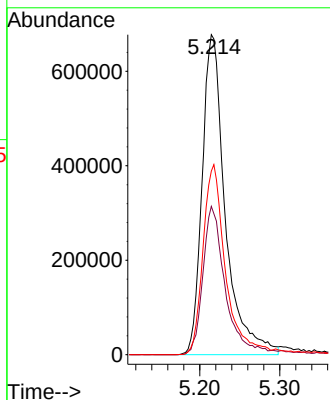
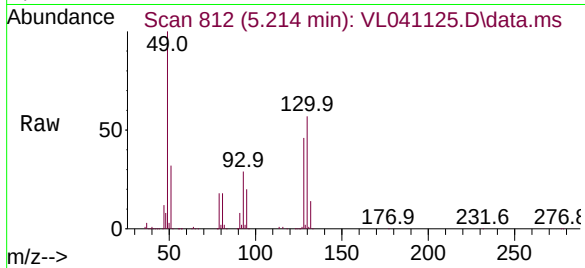




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.214 min Scan# 81
Delta R.T. -0.004 min
Lab File: VL041125.D
Acq: 4 Apr 2024 12:40

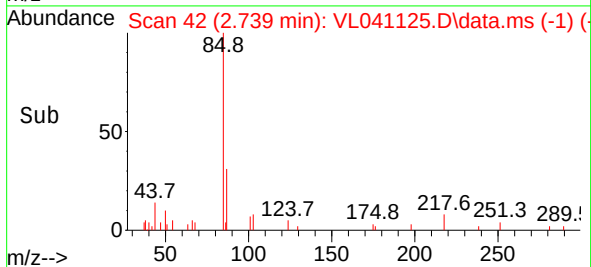
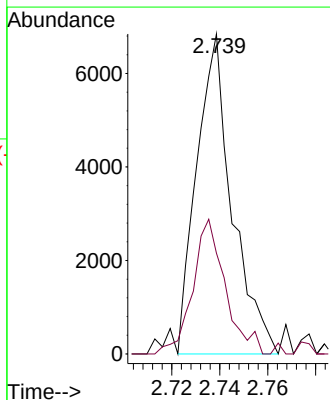
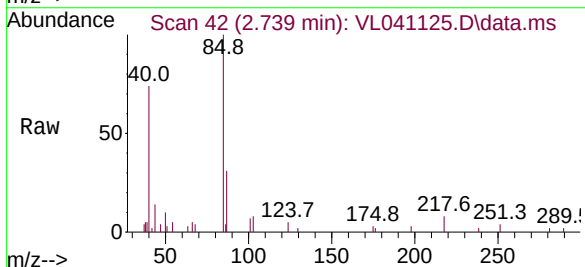
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

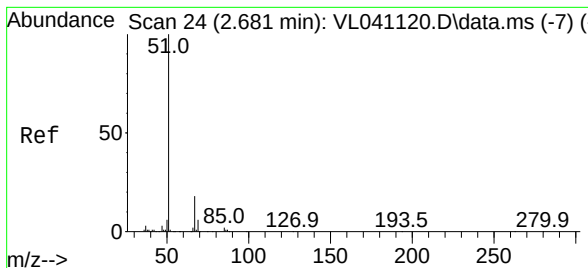
Tgt Ion: 49 Resp: 1366828
Ion Ratio Lower Upper
49 100
128 46.9 23.6 71.0
130 60.0 30.1 90.5



#2
Dichlorodifluoromethane
Concen: 0.030 ppbv
RT: 2.739 min Scan# 42
Delta R.T. 0.003 min
Lab File: VL041125.D
Acq: 4 Apr 2024 12:40

Tgt Ion: 85 Resp: 7009
Ion Ratio Lower Upper
85 100
87 28.1 27.0 40.6





#3

Chlorodifluoromethane

Concen: 0.004 ppbv

RT: 2.993 min Scan# 11

Delta R.T. 0.312 min

Lab File: VL041125.D

Acq: 4 Apr 2024 12:40

Instrument :

MSVOA_L

ClientSampleId :

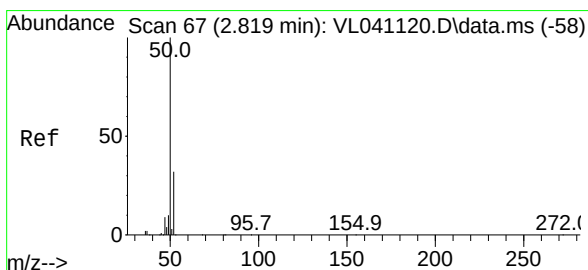
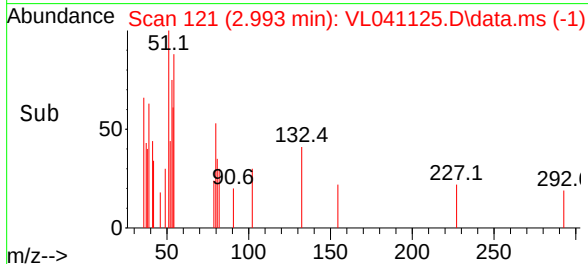
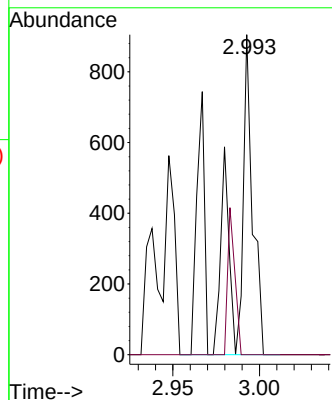
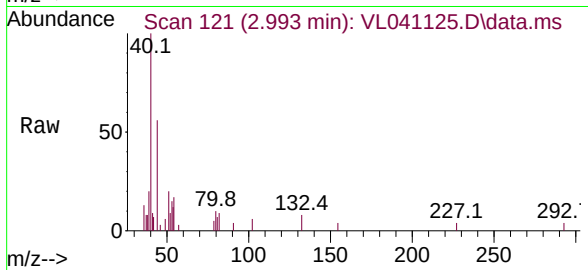
VSTDICC0.03

Tgt Ion: 51 Resp: 763

Ion Ratio Lower Upper

51 100

67 15.7 14.9 22.3



#4

Chloromethane

Concen: 0.023 ppbv

RT: 2.816 min Scan# 66

Delta R.T. -0.003 min

Lab File: VL041125.D

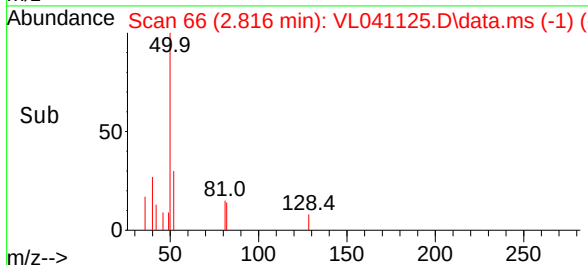
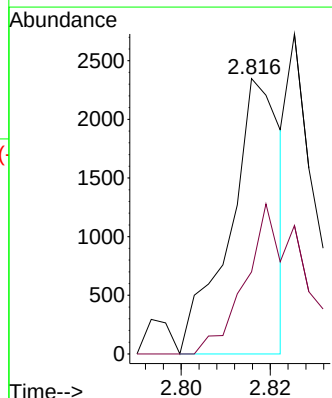
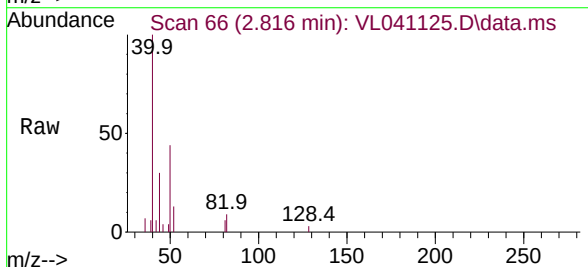
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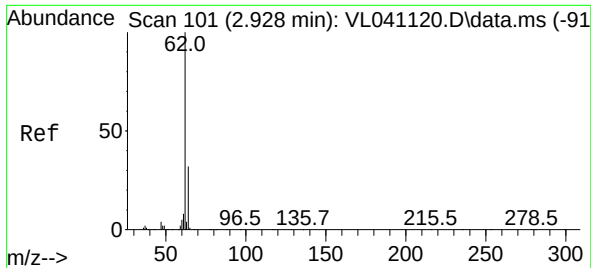
Tgt Ion: 50 Resp: 1850

Ion Ratio Lower Upper

50 100

52 29.8 26.0 39.0

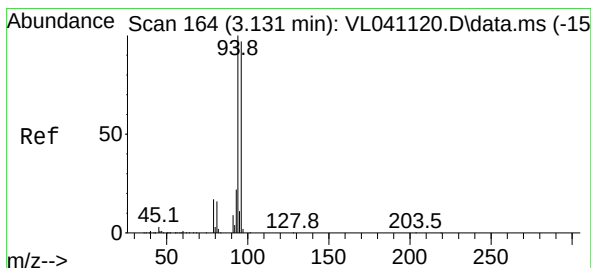
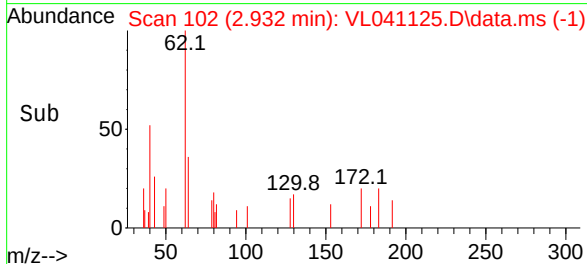
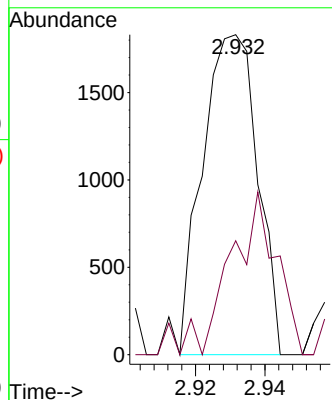
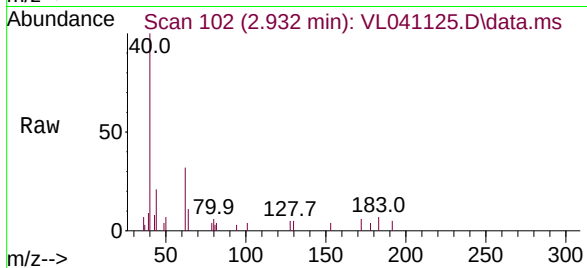




#5
 Vinyl Chloride
 Concen: 0.027 ppbv
 RT: 2.932 min Scan# 101
 Delta R.T. 0.003 min
 Lab File: VL041125.D
 Acq: 4 Apr 2024 12:40

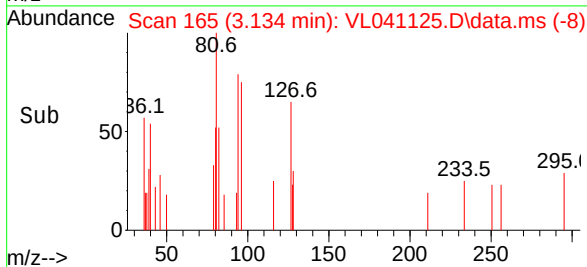
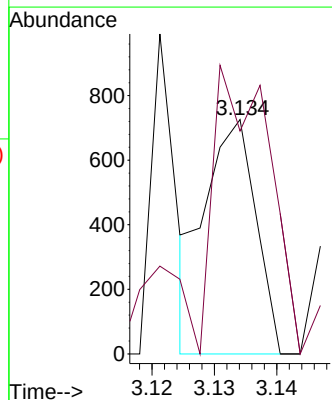
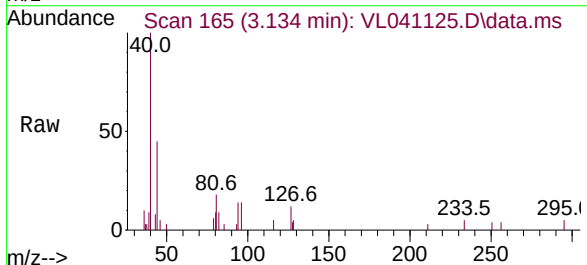
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03

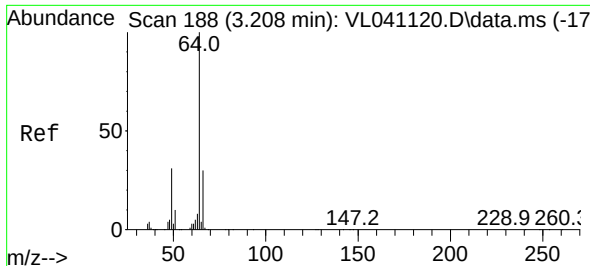
Tgt Ion: 62 Resp: 2019
 Ion Ratio Lower Upper
 62 100
 64 35.6 25.6 38.4



#6
 Bromomethane
 Concen: 0.014 ppbv
 RT: 3.134 min Scan# 165
 Delta R.T. 0.003 min
 Lab File: VL041125.D
 Acq: 4 Apr 2024 12:40

Tgt Ion: 94 Resp: 407
 Ion Ratio Lower Upper
 94 100
 96 63.2 77.9 116.9#

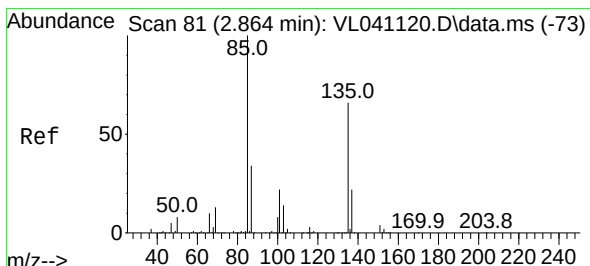
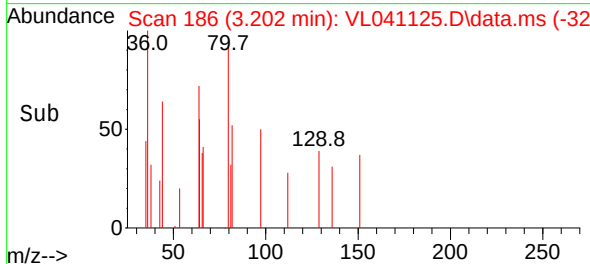
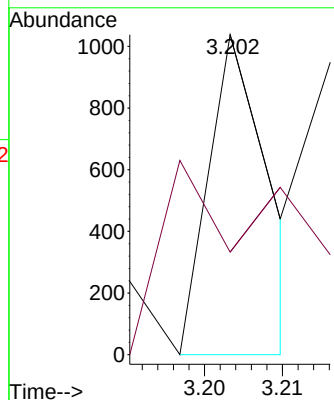
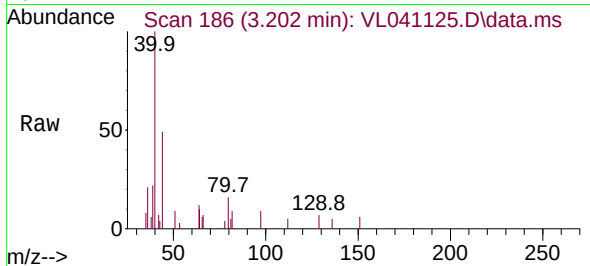




#7
Chloroethane
Concen: 0.010 ppbv
RT: 3.202 min Scan# 11
Delta R.T. -0.006 min
Lab File: VL041125.D
Acq: 4 Apr 2024 12:40

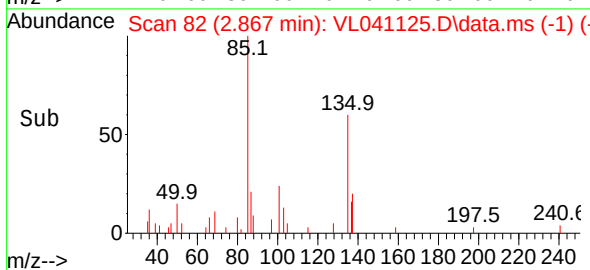
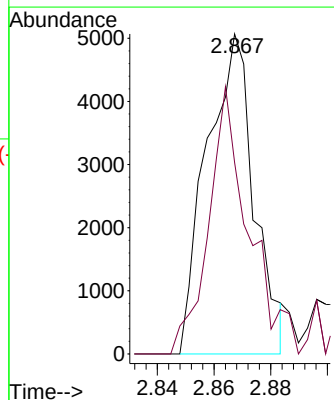
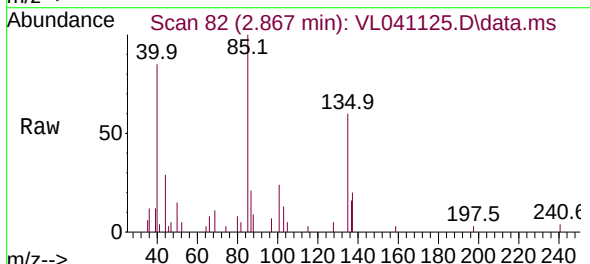
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

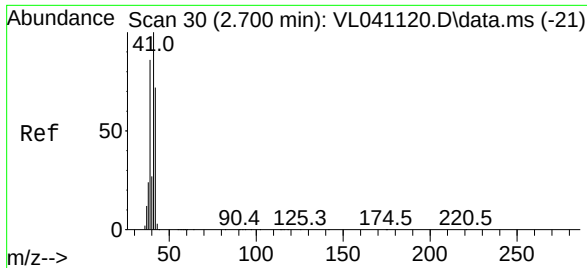
Tgt Ion: 64 Resp: 285
Ion Ratio Lower Upper
64 100
66 32.1 24.2 36.4



#8
Dichlorotetrafluoroethane
Concen: 0.029 ppbv
RT: 2.867 min Scan# 82
Delta R.T. 0.003 min
Lab File: VL041125.D
Acq: 4 Apr 2024 12:40

Tgt Ion: 85 Resp: 5866
Ion Ratio Lower Upper
85 100
135 75.8 54.2 81.2





#9

Propene

Concen: 0.063 ppbv

RT: 2.706 min Scan# 31

Delta R.T. 0.006 min

Lab File: VL041125.D

Acq: 4 Apr 2024 12:40

Instrument :

MSVOA_L

ClientSampleId :

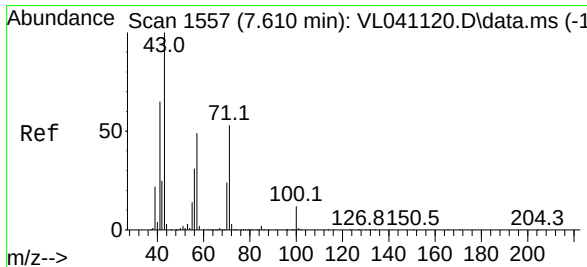
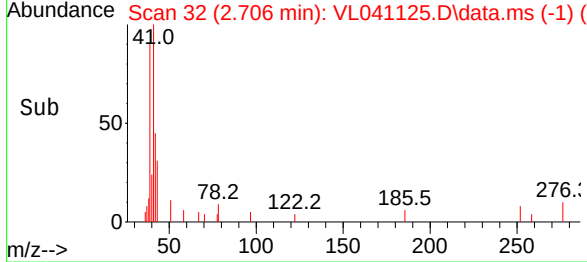
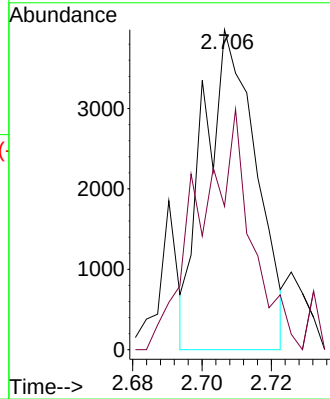
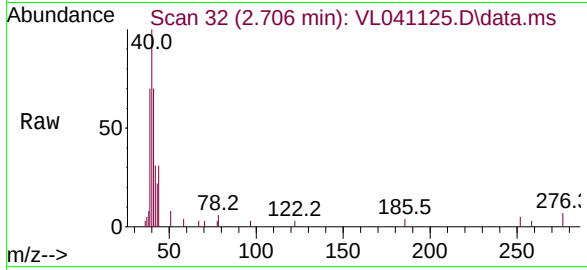
VSTDIC0.03

Tgt Ion: 41 Resp: 4197

Ion Ratio Lower Upper

41 100

42 79.2 60.1 90.1



#10

Heptane

Concen: 0.008 ppbv

RT: 7.607 min Scan# 1556

Delta R.T. -0.003 min

Lab File: VL041125.D

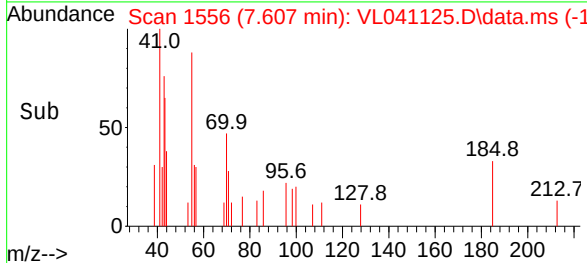
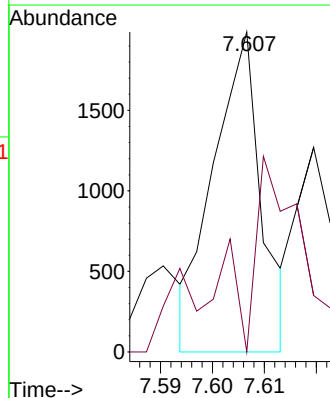
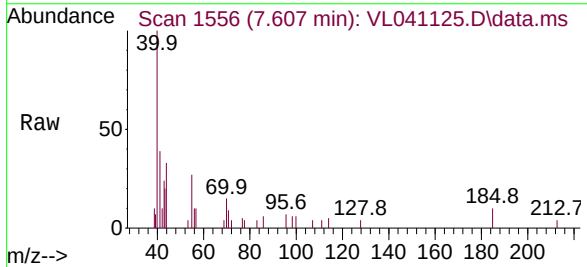
Acq: 4 Apr 2024 12:40

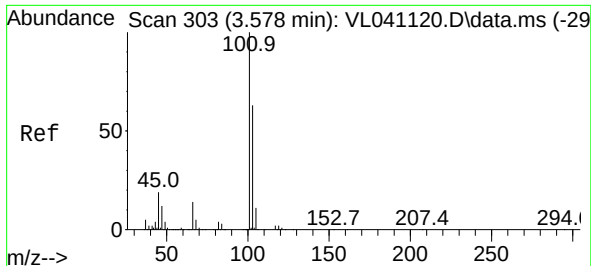
Tgt Ion: 43 Resp: 1267

Ion Ratio Lower Upper

43 100

57 94.8 39.9 59.9#





#11

Trichlorofluoromethane

Concen: 0.028 ppbv

RT: 3.571 min Scan# 303

Delta R.T. -0.006 min

Lab File: VL041125.D

Acq: 4 Apr 2024 12:40

Instrument :

MSVOA_L

ClientSampleId :

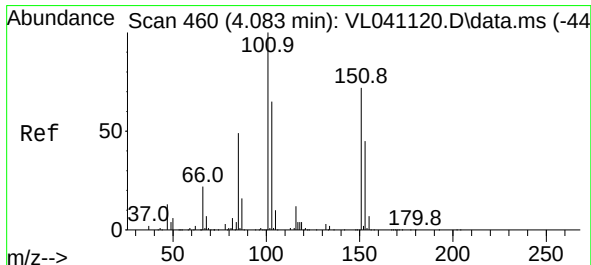
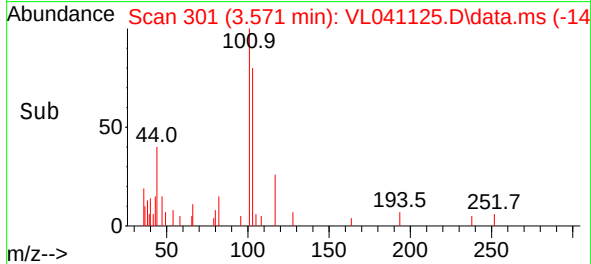
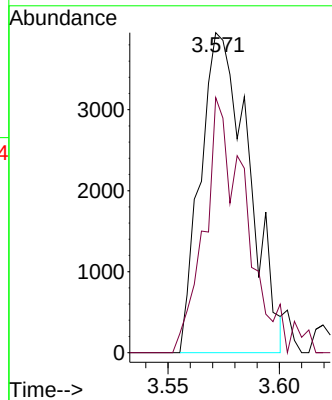
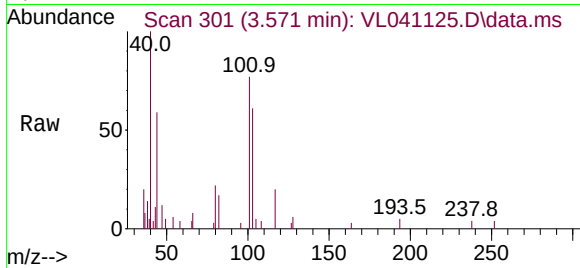
VSTDIC0.03

Tgt Ion:101 Resp: 5941

Ion Ratio Lower Upper

101 100

103 73.7 50.6 75.8



#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.029 ppbv

RT: 4.083 min Scan# 460

Delta R.T. 0.000 min

Lab File: VL041125.D

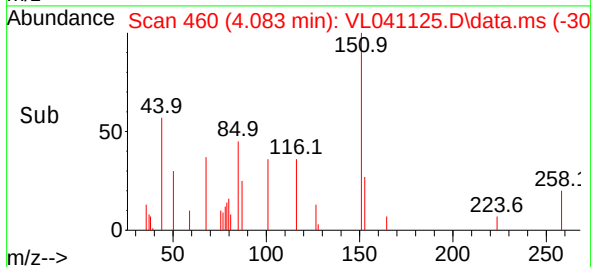
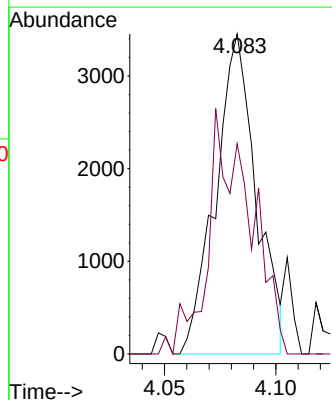
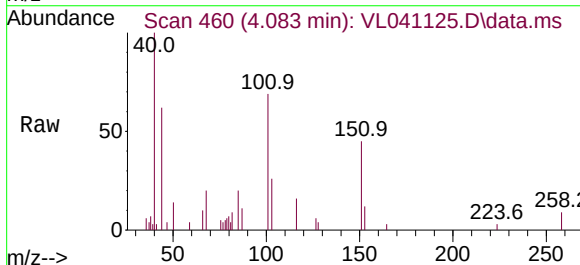
Acq: 4 Apr 2024 12:40

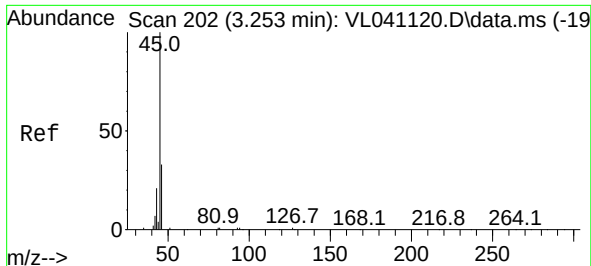
Tgt Ion:101 Resp: 4376

Ion Ratio Lower Upper

101 100

151 80.0 56.2 84.4





#13

Ethanol

Concen: 0.020 ppbv

RT: 3.276 min Scan# 20

Delta R.T. 0.023 min

Lab File: VL041125.D

Acq: 4 Apr 2024 12:40

Instrument :

MSVOA_L

ClientSampleId :

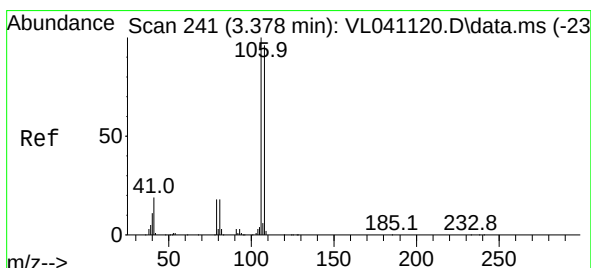
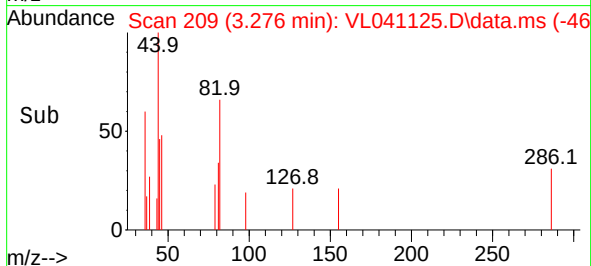
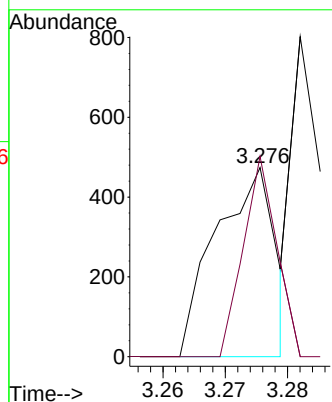
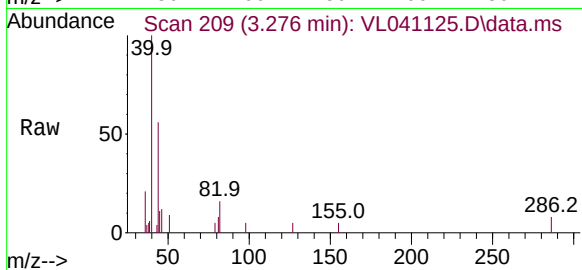
VSTDIC0.03

Tgt Ion: 45 Resp: 315

Ion Ratio Lower Upper

45 100

46 59.4 15.0 59.8



#14

Bromoethene

Concen: 0.015 ppbv

RT: 3.375 min Scan# 240

Delta R.T. -0.003 min

Lab File: VL041125.D

Acq: 4 Apr 2024 12:40

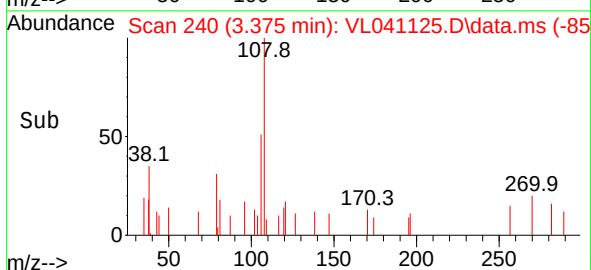
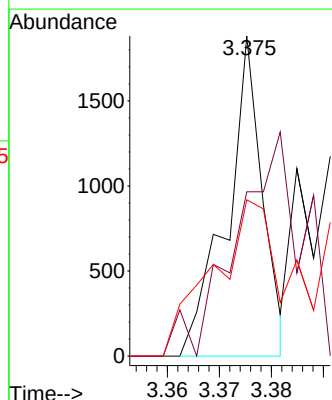
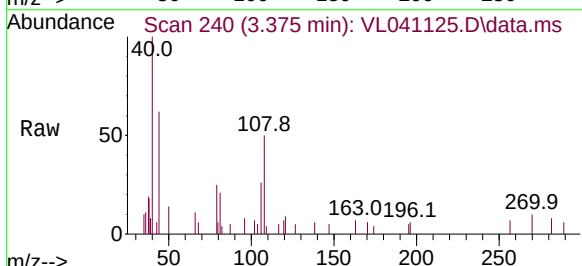
Tgt Ion:108 Resp: 900

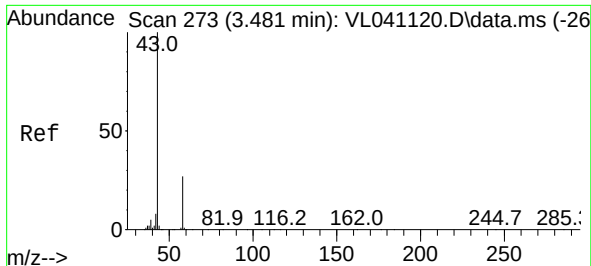
Ion Ratio Lower Upper

108 100

106 148.6 86.0 129.0#

79 129.8 15.4 23.2#





#15

Acetone

Concen: 0.001 ppbv

RT: 3.485 min Scan# 21

Delta R.T. 0.003 min

Lab File: VL041125.D

Acq: 4 Apr 2024 12:40

Instrument :

MSVOA_L

ClientSampleId :

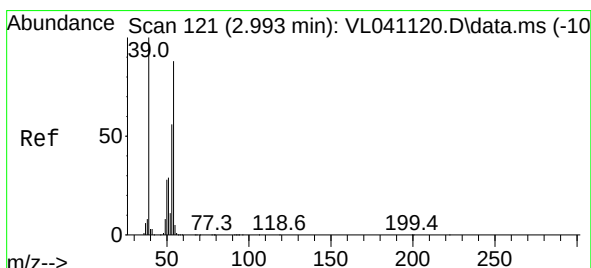
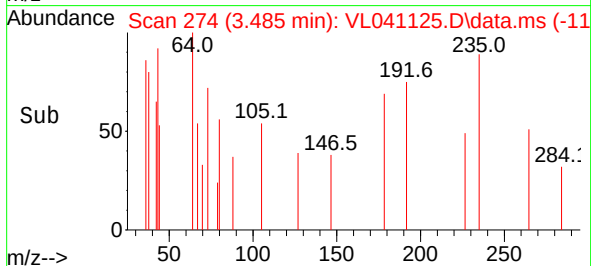
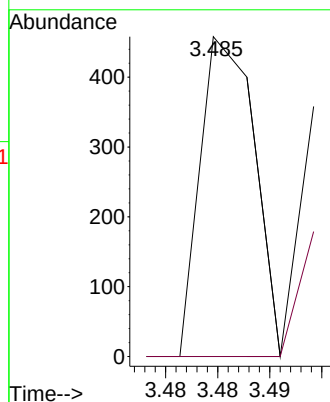
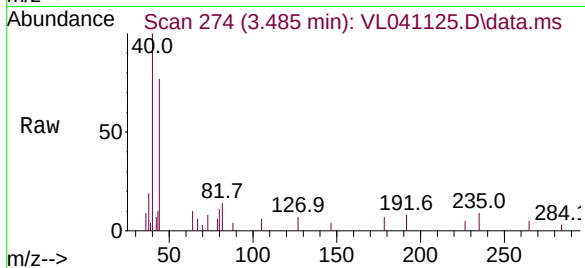
VSTDIC0.03

Tgt Ion: 43 Resp: 165

Ion Ratio Lower Upper

43 100

58 0.0 21.1 31.7#



#16

1,3-Butadiene

Concen: 0.023 ppbv

RT: 2.996 min Scan# 122

Delta R.T. 0.003 min

Lab File: VL041125.D

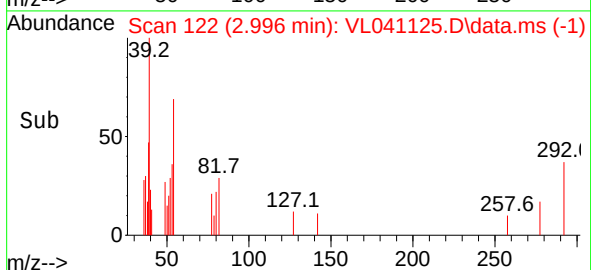
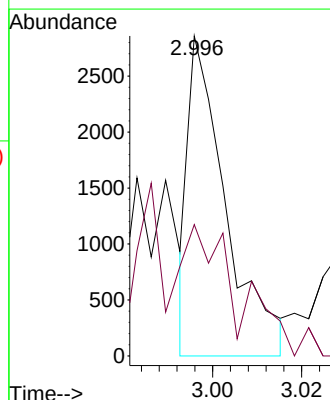
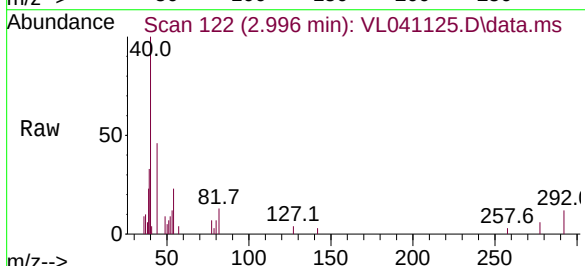
Acq: 4 Apr 2024 12:40

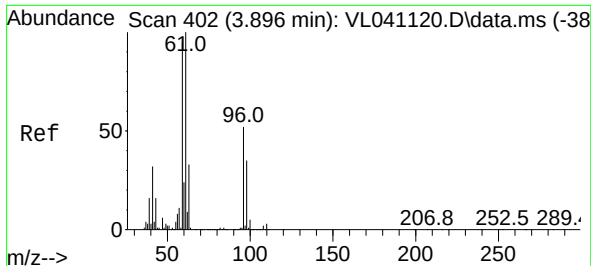
Tgt Ion: 39 Resp: 1677

Ion Ratio Lower Upper

39 100

54 0.0 63.5 95.3#





#17

tert-Butyl alcohol

Concen: 0.001 ppbv

RT: 3.890 min Scan# 400

Delta R.T. -0.006 min

Lab File: VL041125.D

Acq: 4 Apr 2024 12:40

Instrument :

MSVOA_L

ClientSampleId :

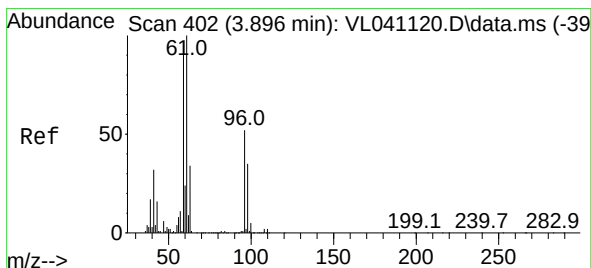
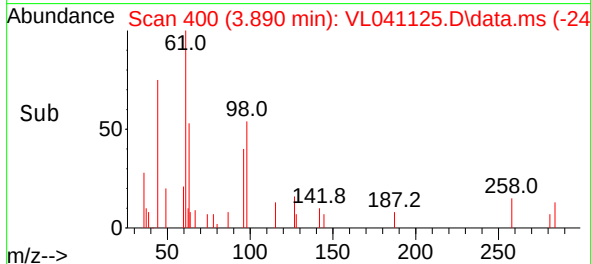
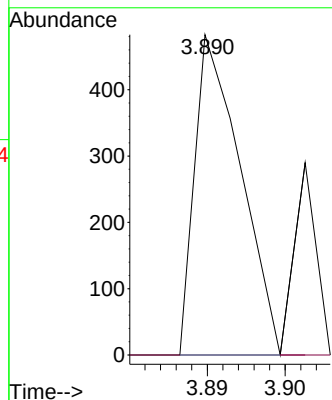
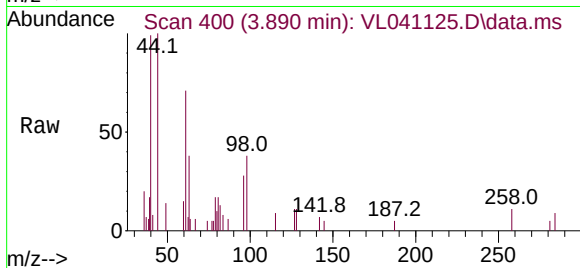
VSTDICC0.03

Tgt Ion: 59 Resp: 197

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#



#18

1,1-Dichloroethene

Concen: 0.018 ppbv

RT: 3.896 min Scan# 402

Delta R.T. 0.000 min

Lab File: VL041125.D

Acq: 4 Apr 2024 12:40

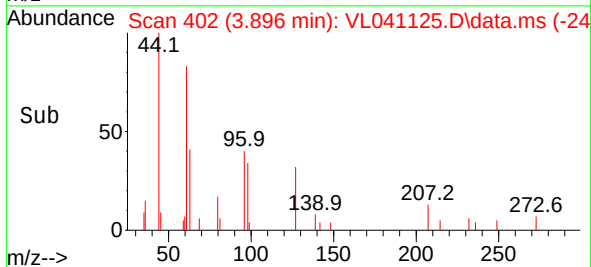
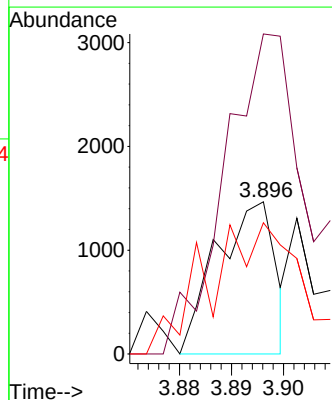
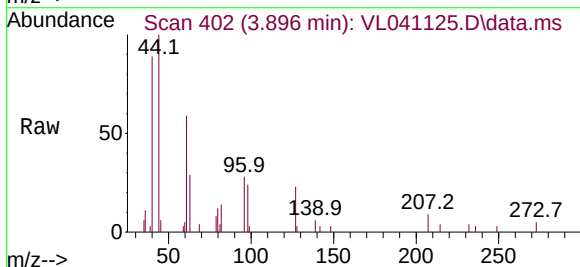
Tgt Ion: 96 Resp: 1150

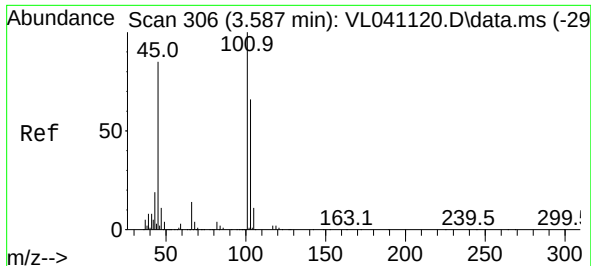
Ion Ratio Lower Upper

96 100

61 169.7 152.6 228.8

98 73.8 54.0 81.0





#19

Isopropyl Alcohol

Concen: 0.001 ppbv

RT: 3.584 min Scan# 306

Delta R.T. -0.003 min

Lab File: VL041125.D

Acq: 4 Apr 2024 12:40

Instrument :

MSVOA_L

ClientSampleId :

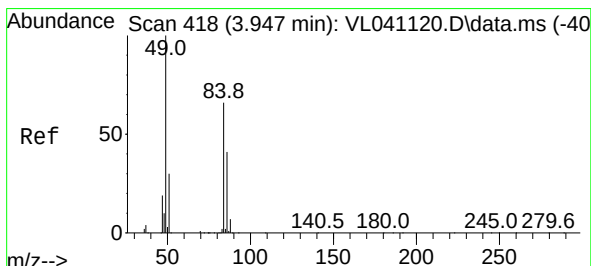
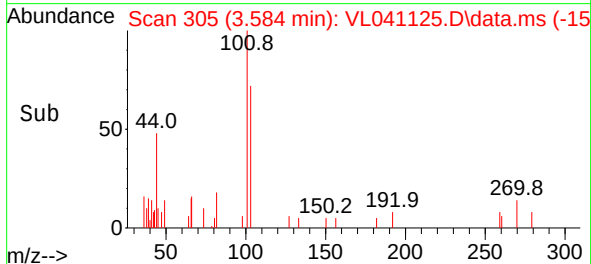
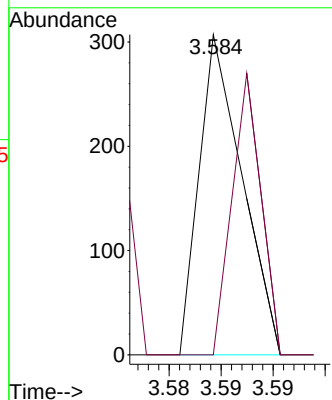
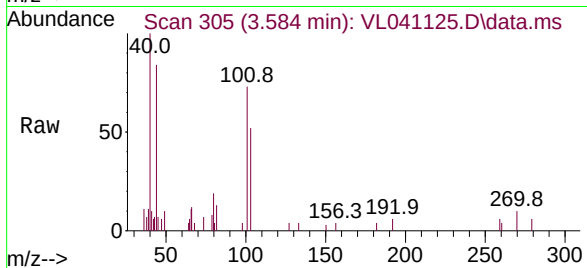
VSTDIC0.03

Tgt Ion: 45 Resp: 88

Ion Ratio Lower Upper

45 100

58 0.0 2.8 4.2#



#20

Methylene Chloride

Concen: 0.056 ppbv

RT: 3.941 min Scan# 416

Delta R.T. -0.006 min

Lab File: VL041125.D

Acq: 4 Apr 2024 12:40

Tgt Ion: 84 Resp: 3447

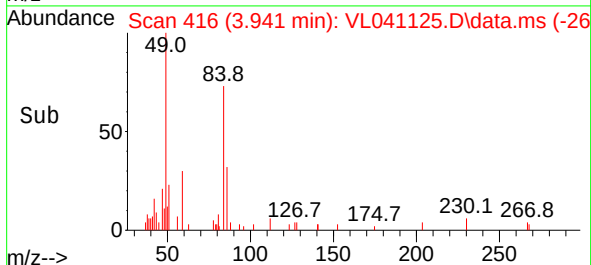
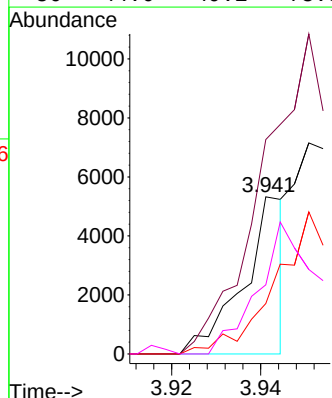
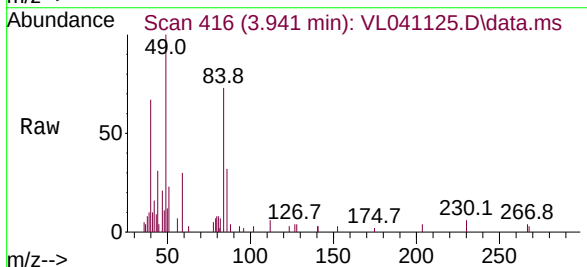
Ion Ratio Lower Upper

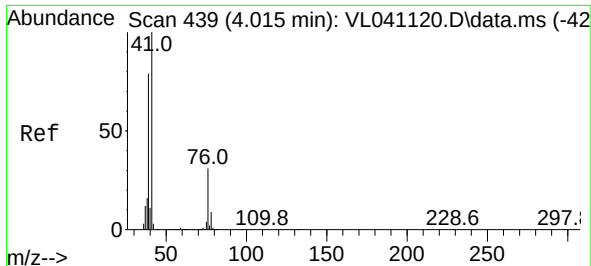
84 100

49 136.5 120.7 181.1

51 32.0 36.6 54.8#

86 44.0 49.2 73.8#





#21

Allyl Chloride

Concen: 0.014 ppbv

RT: 4.018 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL041125.D

Acq: 4 Apr 2024 12:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.03

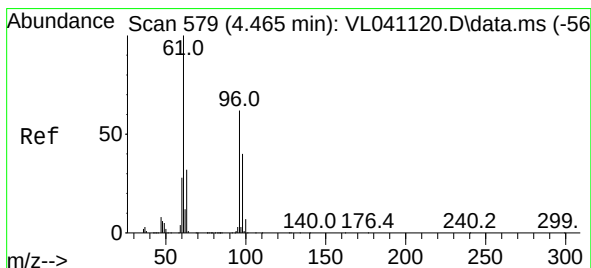
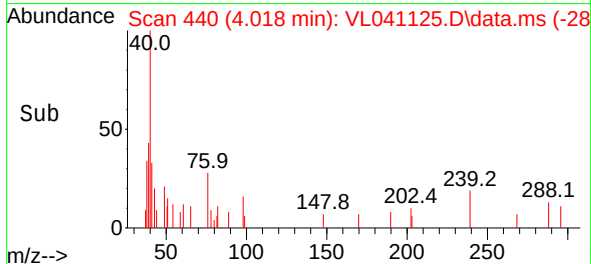
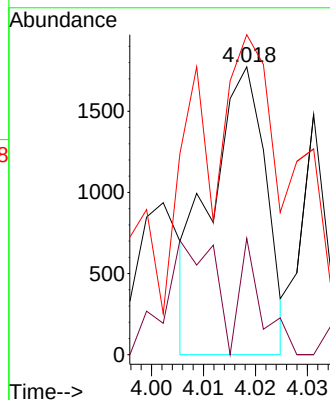
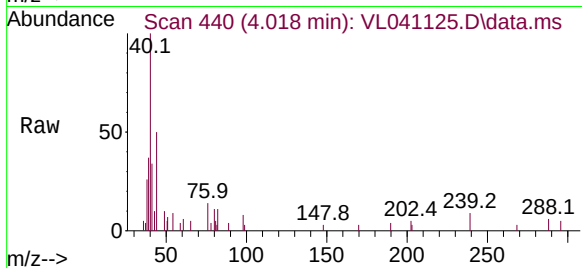
Tgt Ion: 41 Resp: 1306

Ion Ratio Lower Upper

41 100

76 59.0 25.7 38.5#

39 255.7 65.7 98.5#



#22

trans-1,2-Dichloroethene

Concen: 0.009 ppbv

RT: 4.459 min Scan# 577

Delta R.T. -0.006 min

Lab File: VL041125.D

Acq: 4 Apr 2024 12:40

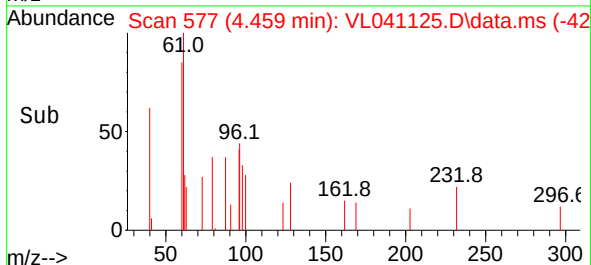
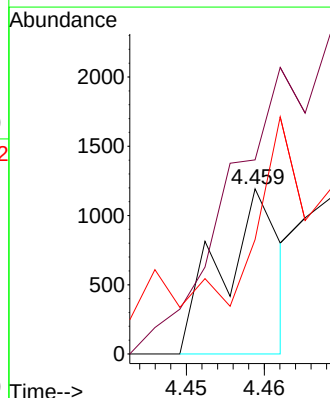
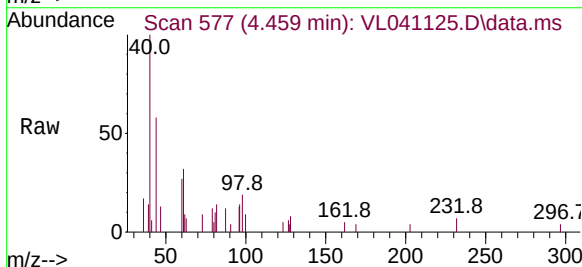
Tgt Ion: 96 Resp: 622

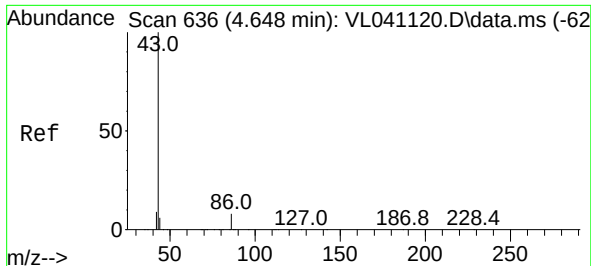
Ion Ratio Lower Upper

96 100

61 123.5 128.4 192.6#

98 41.0 51.5 77.3#





#23

Vinyl Acetate

Concen: 0.002 ppbv

RT: 4.639 min Scan# 61

Delta R.T. -0.010 min

Lab File: VL041125.D

Acq: 4 Apr 2024 12:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

Tgt Ion: 43 Resp: 322

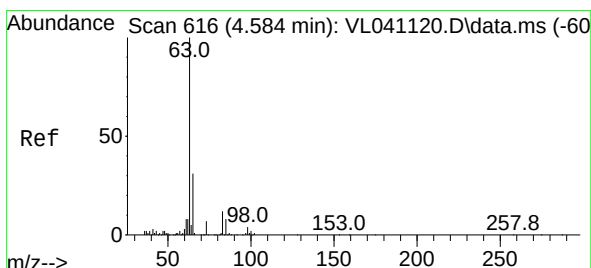
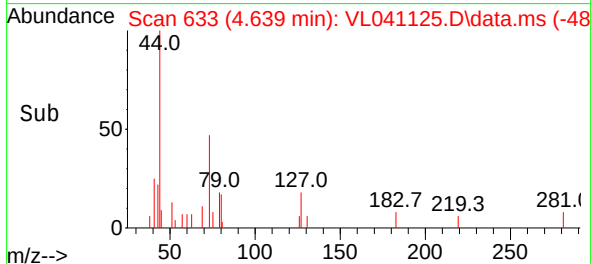
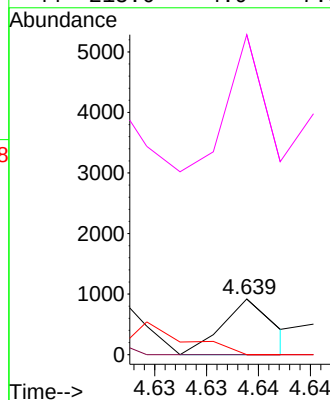
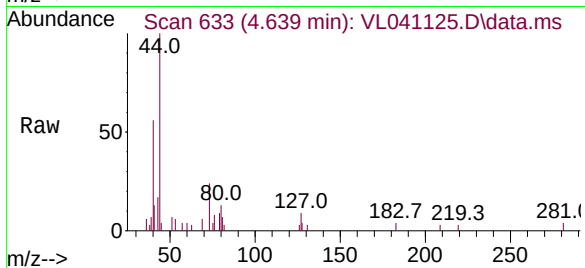
Ion Ratio Lower Upper

43 100

86 0.0 6.2 9.4#

42 0.0 7.7 11.5#

44 213.6 4.9 7.3#



#24

1,1-Dichloroethane

Concen: 0.013 ppbv

RT: 4.575 min Scan# 613

Delta R.T. -0.010 min

Lab File: VL041125.D

Acq: 4 Apr 2024 12:40

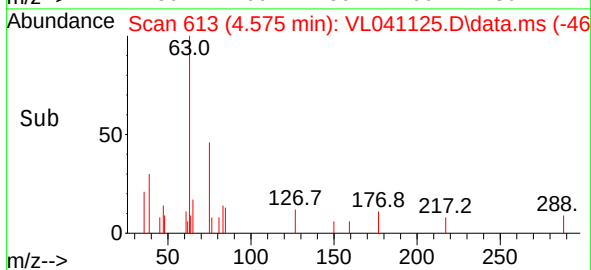
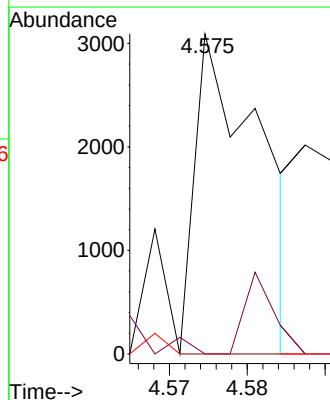
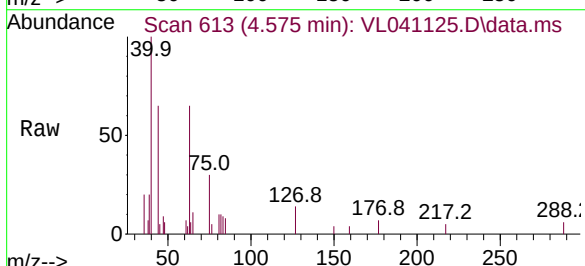
Tgt Ion: 63 Resp: 1795

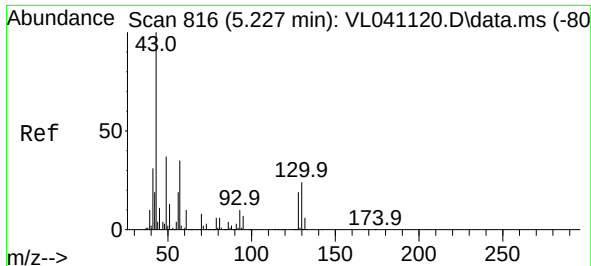
Ion Ratio Lower Upper

63 100

98 0.0 2.1 6.3#

100 0.0 1.1 3.3#





#25

Ethyl Acetate

Concen: 0.006 ppbv

RT: 5.227 min Scan# 816

Delta R.T. 0.000 min

Lab File: VL041125.D

Acq: 4 Apr 2024 12:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

Tgt Ion: 43 Resp: 1700

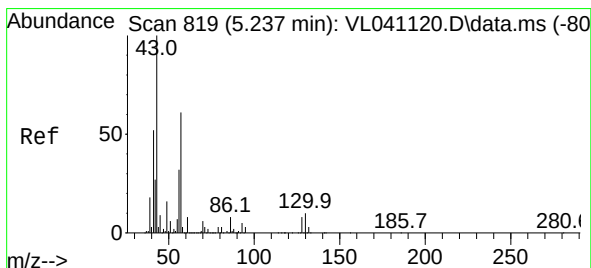
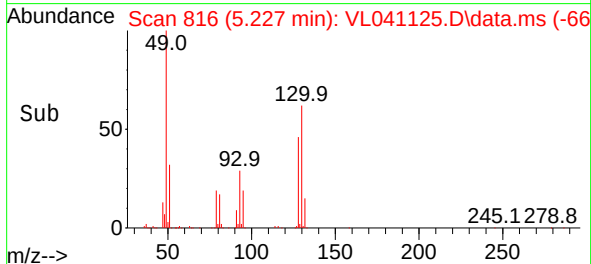
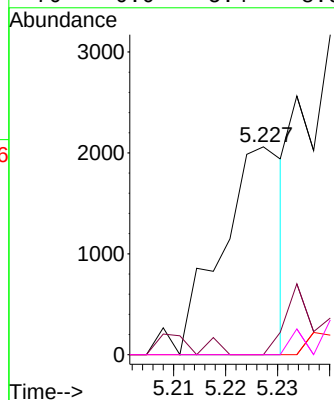
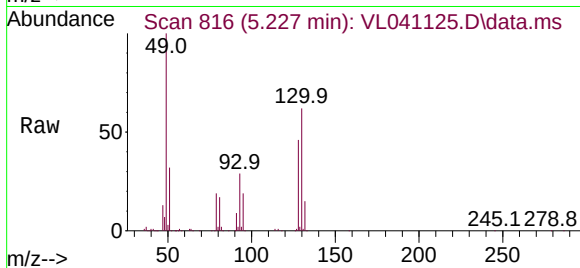
Ion Ratio Lower Upper

43 100

45 0.0 8.0 12.0#

61 0.0 7.8 11.6#

70 0.0 5.4 8.0#



#26

Hexane

Concen: 0.030 ppbv

RT: 5.240 min Scan# 820

Delta R.T. 0.003 min

Lab File: VL041125.D

Acq: 4 Apr 2024 12:40

Tgt Ion: 57 Resp: 3745

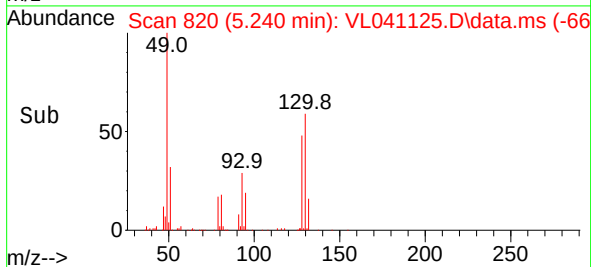
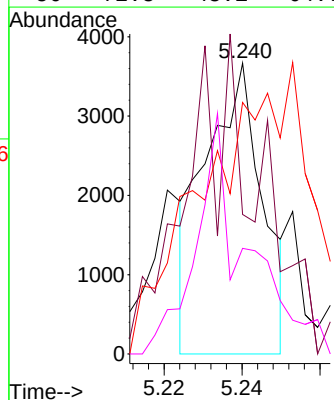
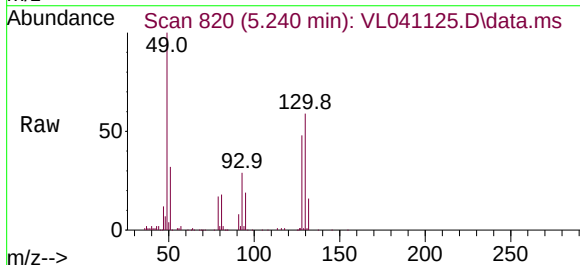
Ion Ratio Lower Upper

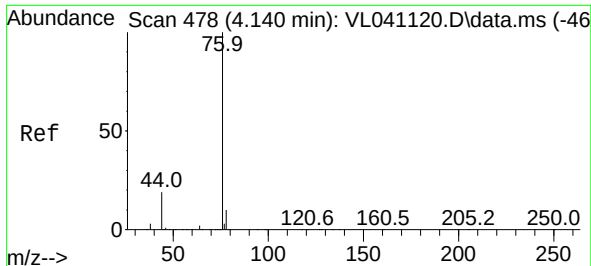
57 100

41 140.0 73.8 110.8#

43 0.0 186.2 279.2#

56 72.3 43.1 64.7#





#27

Carbon Disulfide

Concen: 0.013 ppbv

RT: 4.147 min Scan# 41

Delta R.T. 0.007 min

Lab File: VL041125.D

Acq: 4 Apr 2024 12:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.03

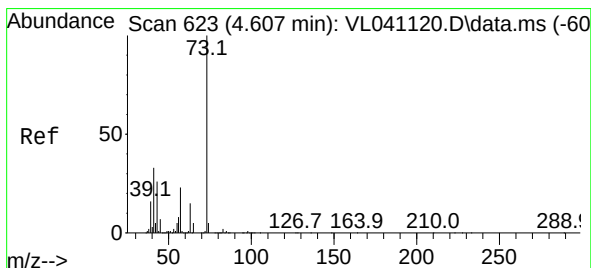
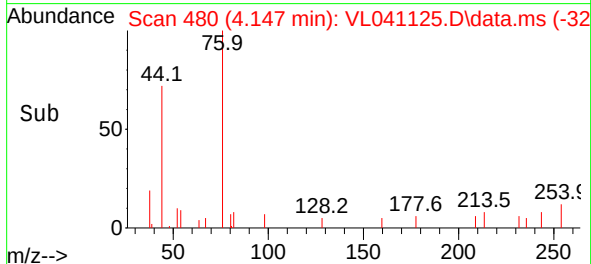
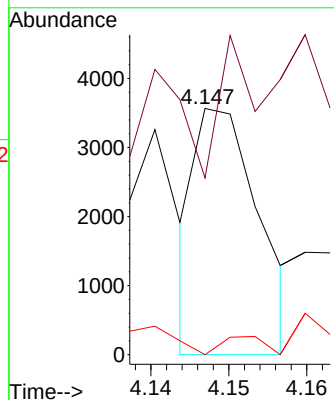
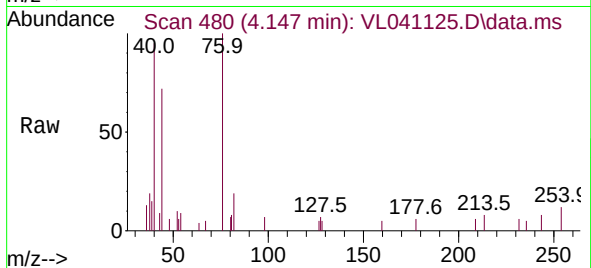
Tgt Ion: 76 Resp: 2024

Ion Ratio Lower Upper

76 100

44 0.0 16.3 24.5#

78 0.0 7.9 11.9#



#28

Methyl tert-Butyl Ether

Concen: 0.001 ppbv

RT: 4.610 min Scan# 624

Delta R.T. 0.003 min

Lab File: VL041125.D

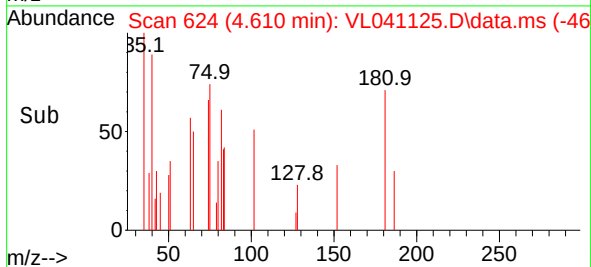
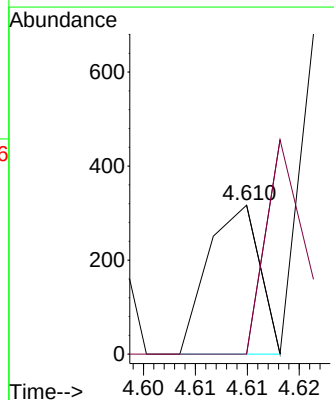
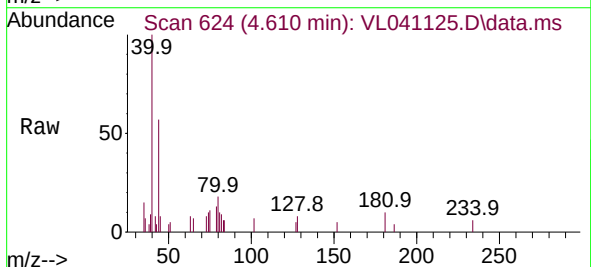
Acq: 4 Apr 2024 12:40

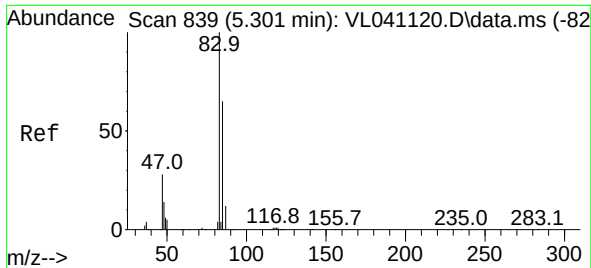
Tgt Ion: 73 Resp: 110

Ion Ratio Lower Upper

73 100

57 266.4 18.6 27.8#





#29

Chloroform

Concen: 0.023 ppbv

RT: 5.295 min Scan# 81

Delta R.T. -0.006 min

Lab File: VL041125.D

Acq: 4 Apr 2024 12:40

Instrument :

MSVOA_L

ClientSampleId :

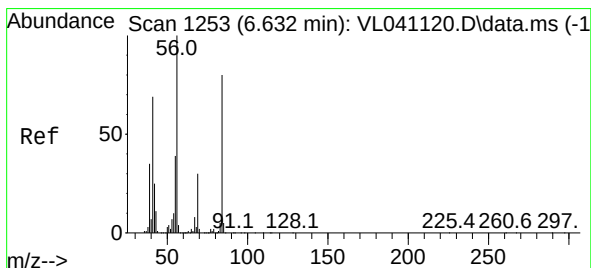
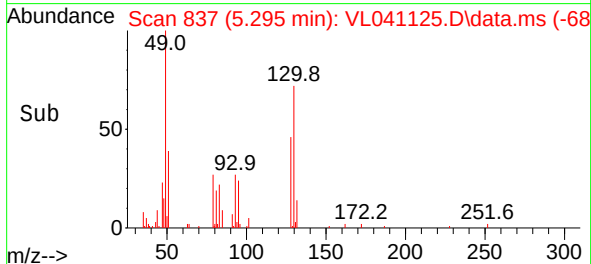
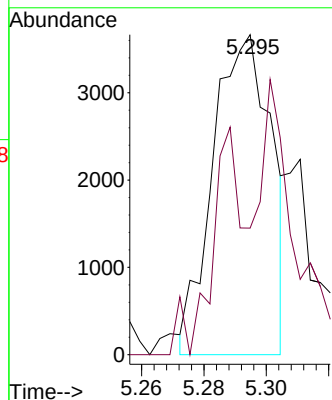
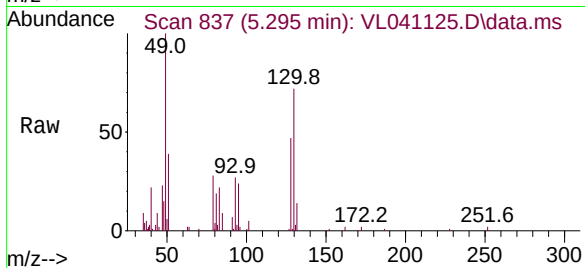
VSTDIC0.03

Tgt Ion: 83 Resp: 4758

Ion Ratio Lower Upper

83 100

85 22.9 51.5 77.3#



#30

Cyclohexane

Concen: 0.007 ppbv

RT: 6.629 min Scan# 1252

Delta R.T. -0.003 min

Lab File: VL041125.D

Acq: 4 Apr 2024 12:40

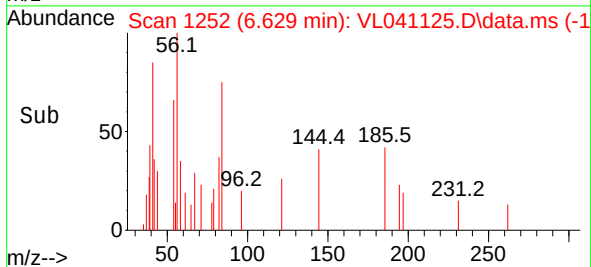
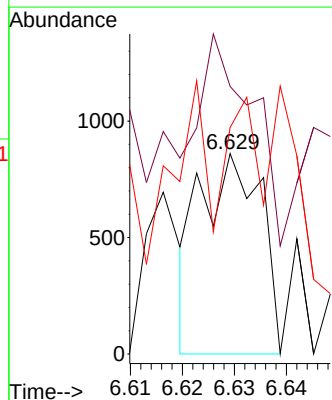
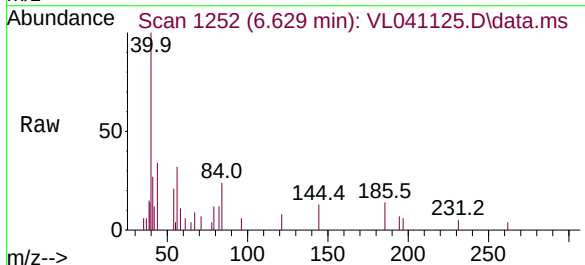
Tgt Ion: 84 Resp: 696

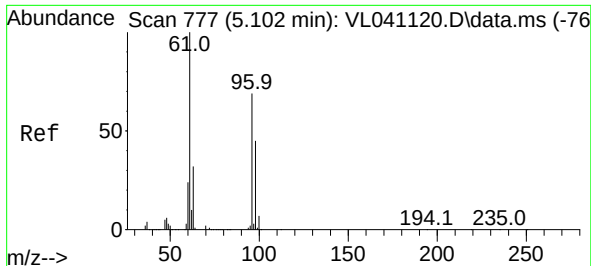
Ion Ratio Lower Upper

84 100

56 0.0 111.9 167.9#

41 392.8 71.0 106.6#





#31

cis-1,2-Dichloroethene

Concen: 0.005 ppbv

RT: 5.092 min Scan# 777

Delta R.T. -0.010 min

Lab File: VL041125.D

Acq: 4 Apr 2024 12:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.03

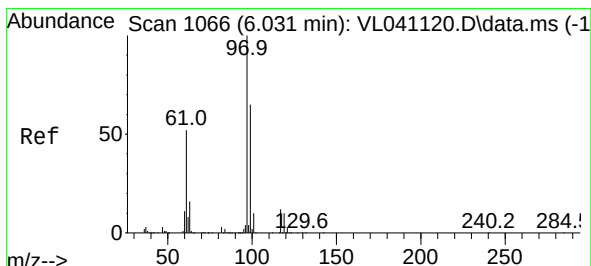
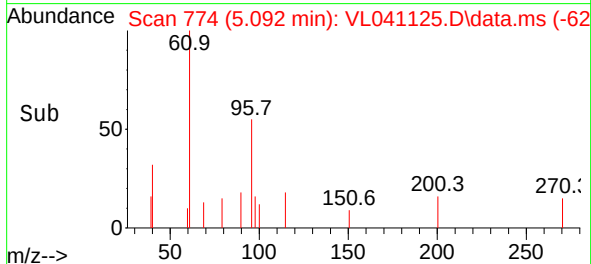
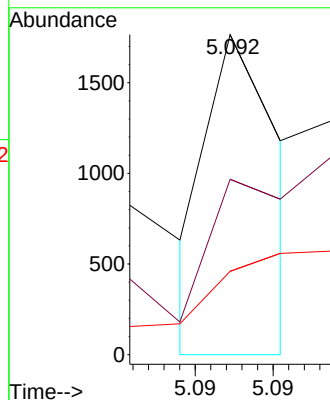
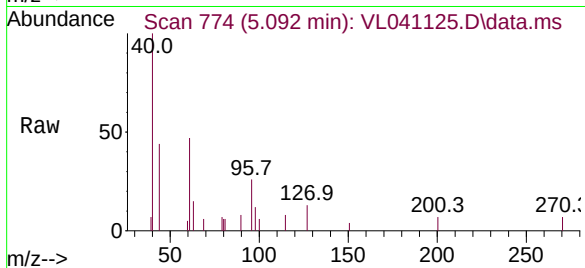
Tgt Ion: 61 Resp: 568

Ion Ratio Lower Upper

61 100

96 69.5 54.9 82.3

98 25.6 35.9 53.9#



#32

1,1,1-Trichloroethane

Concen: 0.017 ppbv

RT: 6.025 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VL041125.D

Acq: 4 Apr 2024 12:40

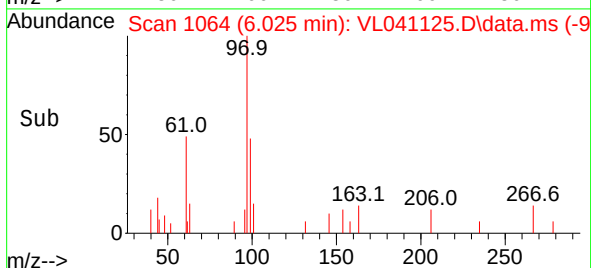
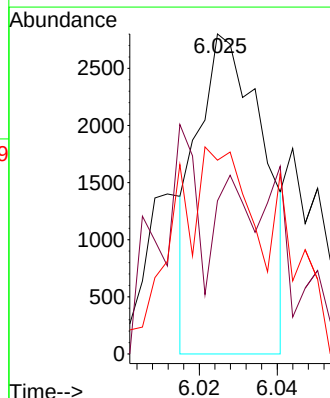
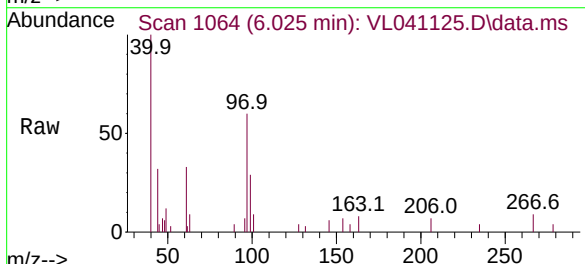
Tgt Ion: 97 Resp: 3298

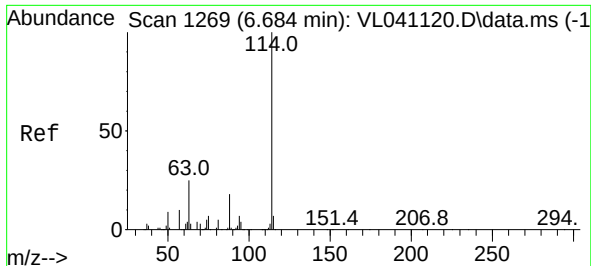
Ion Ratio Lower Upper

97 100

99 0.0 52.0 78.0#

61 104.4 40.5 60.7#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.681 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL041125.D

Acq: 4 Apr 2024 12:40

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.03

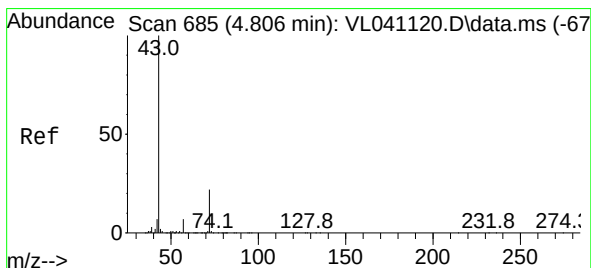
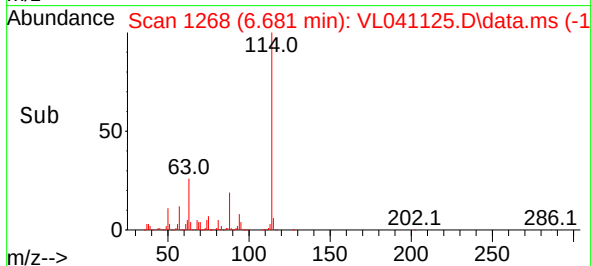
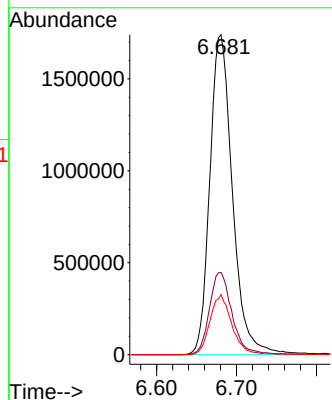
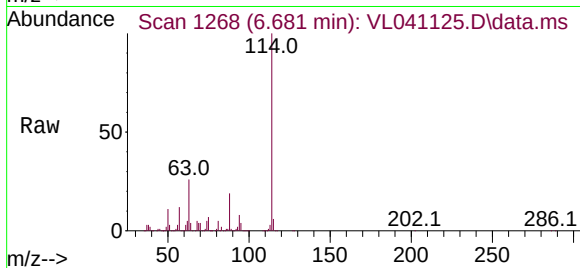
Tgt Ion:114 Resp: 3410305

Ion Ratio Lower Upper

114 100

63 25.9 20.9 31.3

88 18.4 14.5 21.7



#34

2-Butanone

Concen: 0.001 ppbv

RT: 4.803 min Scan# 684

Delta R.T. -0.003 min

Lab File: VL041125.D

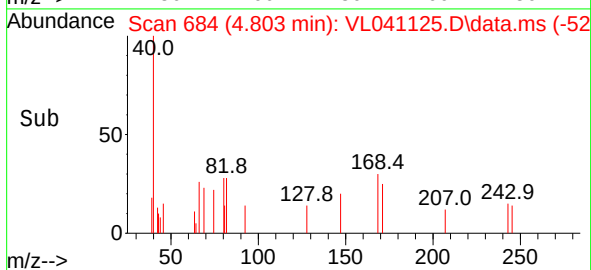
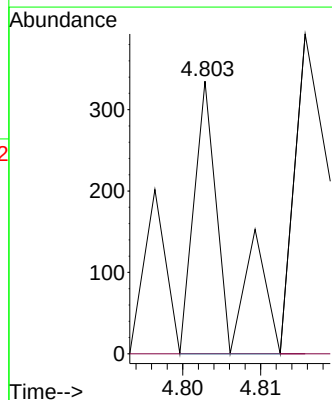
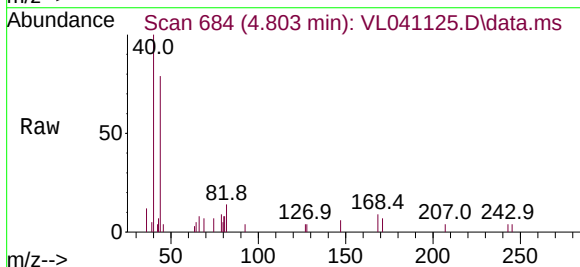
Acq: 4 Apr 2024 12:40

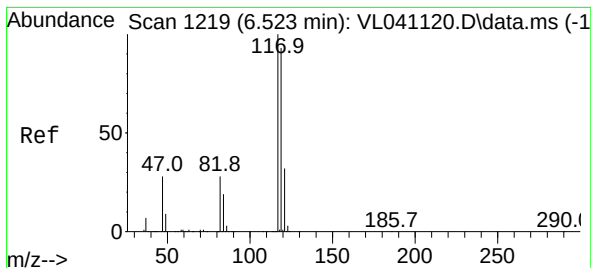
Tgt Ion: 43 Resp: 94

Ion Ratio Lower Upper

43 100

72 0.0 17.6 26.4#





#35

Carbon Tetrachloride

Concen: 0.004 ppbv

RT: 6.526 min Scan# 1179

Delta R.T. 0.003 min

Lab File: VL041125.D

Acq: 4 Apr 2024 12:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.03

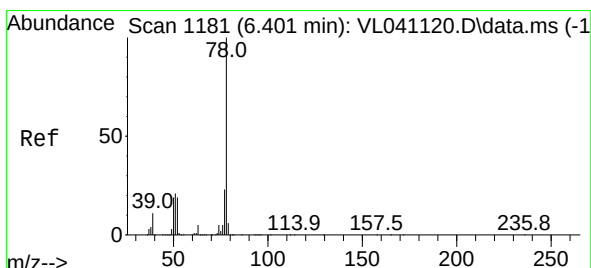
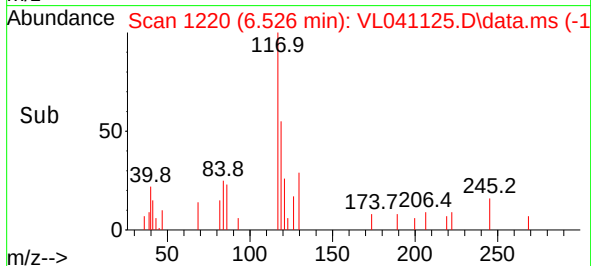
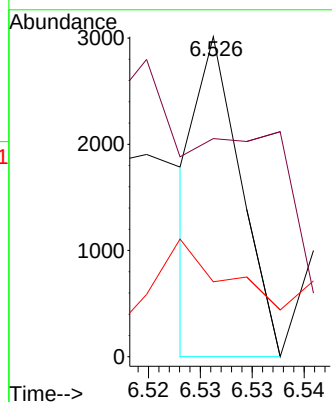
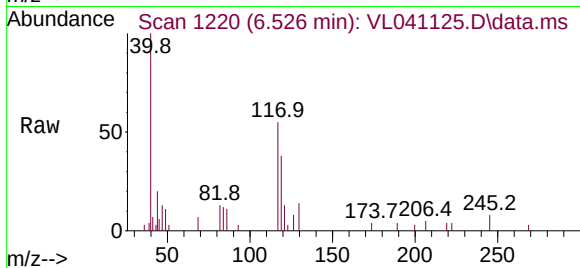
Tgt Ion:117 Resp: 849

Ion Ratio Lower Upper

117 100

119 5.7 74.2 111.4#

121 8.8 25.4 38.2#



#36

Benzene

Concen: 0.010 ppbv

RT: 6.394 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VL041125.D

Acq: 4 Apr 2024 12:40

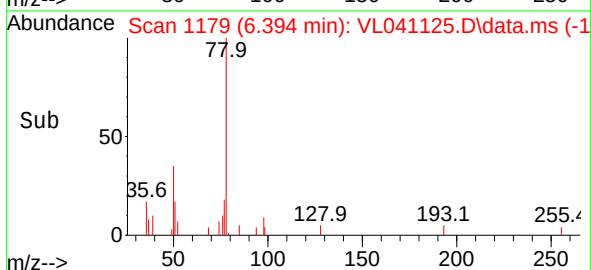
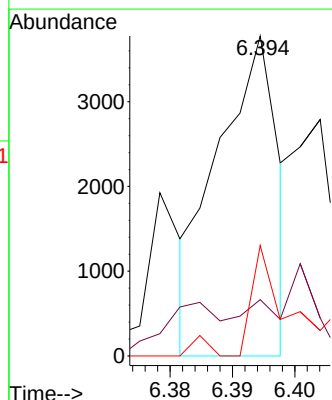
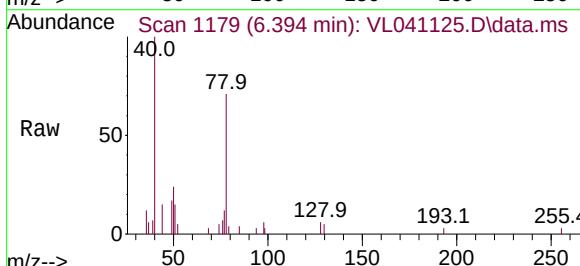
Tgt Ion: 78 Resp: 2555

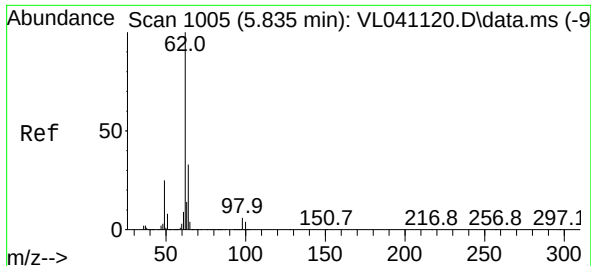
Ion Ratio Lower Upper

78 100

77 9.7 18.2 27.4#

50 69.7 15.4 23.2#

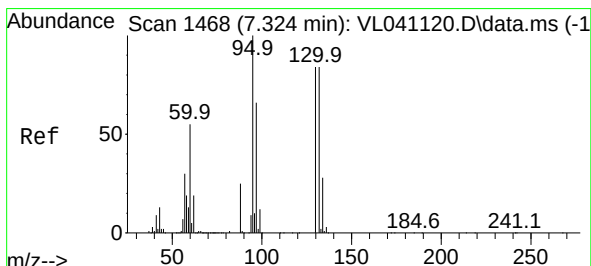
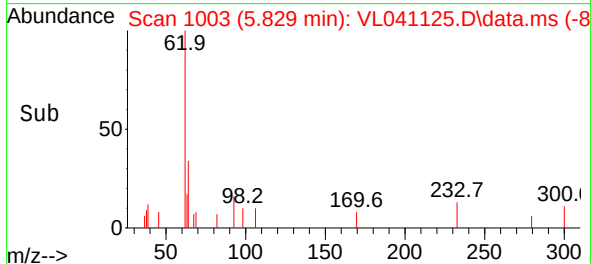
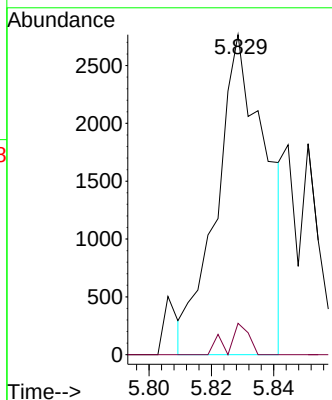
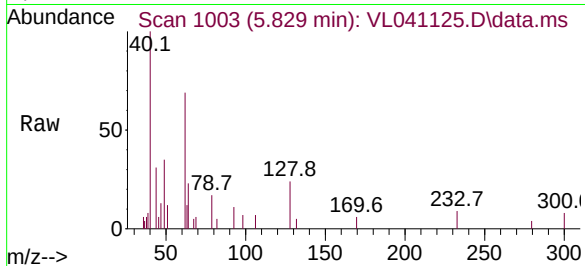




#37
1,2-Dichloroethane
Concen: 0.020 ppbv
RT: 5.829 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VL041125.D
Acq: 4 Apr 2024 12:40

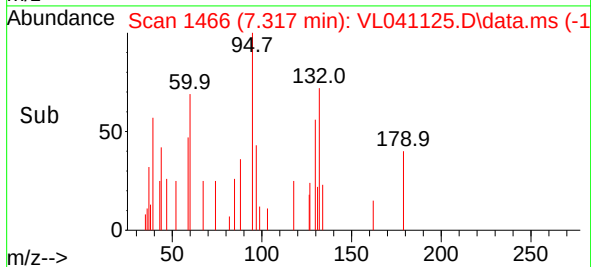
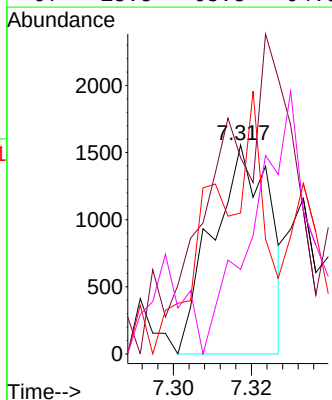
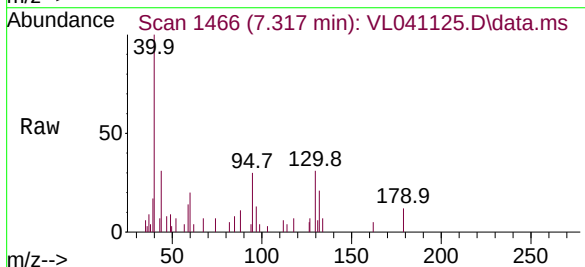
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

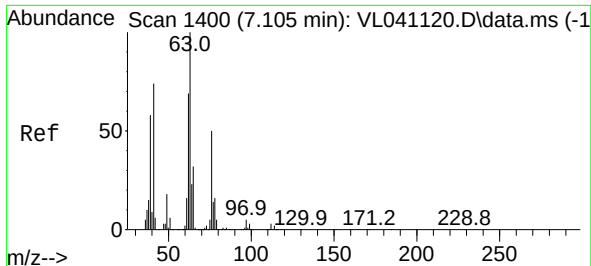
Tgt Ion: 62 Resp: 3042
Ion Ratio Lower Upper
62 100
98 0.0 4.6 7.0#



#38
Trichloroethene
Concen: 0.017 ppbv
RT: 7.317 min Scan# 1466
Delta R.T. -0.006 min
Lab File: VL041125.D
Acq: 4 Apr 2024 12:40

Tgt Ion:130 Resp: 1578
Ion Ratio Lower Upper
130 100
95 61.1 95.4 143.0#
132 43.2 80.0 120.0#
97 18.5 63.3 94.9#





#39

1,2-Dichloropropane

Concen: 8.844 ppbv

RT: 6.681 min Scan# 11

Delta R.T. -0.424 min

Lab File: VL041125.D

Acq: 4 Apr 2024 12:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

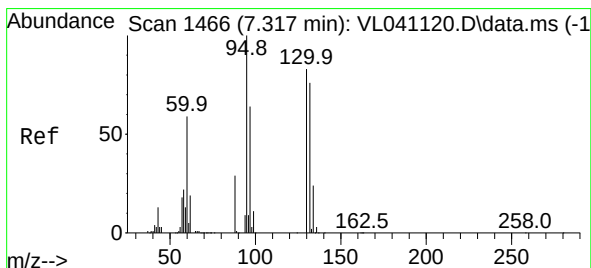
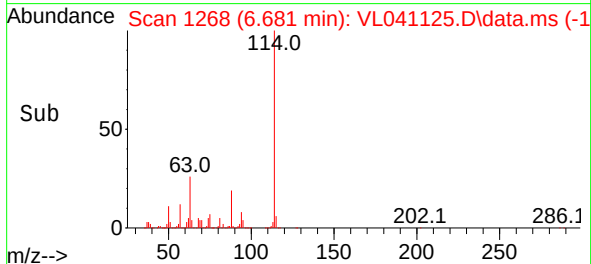
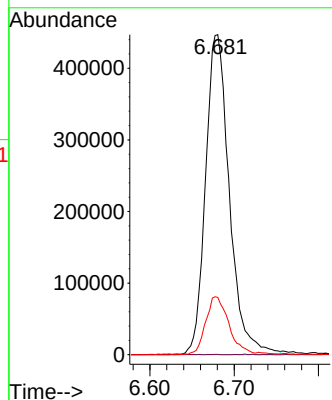
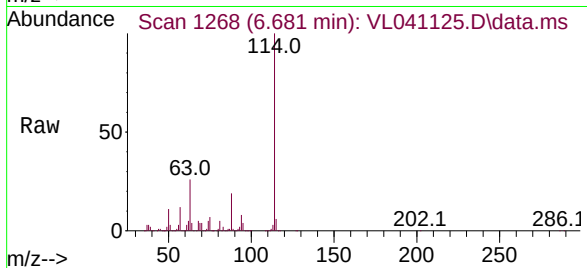
Tgt Ion: 63 Resp: 878162

Ion Ratio Lower Upper

63 100

41 0.1 58.7 88.1#

62 17.8 55.5 83.3#



#40

1,4-Dioxane

Concen: 0.005 ppbv

RT: 7.317 min Scan# 1466

Delta R.T. 0.000 min

Lab File: VL041125.D

Acq: 4 Apr 2024 12:40

Tgt Ion: 88 Resp: 165

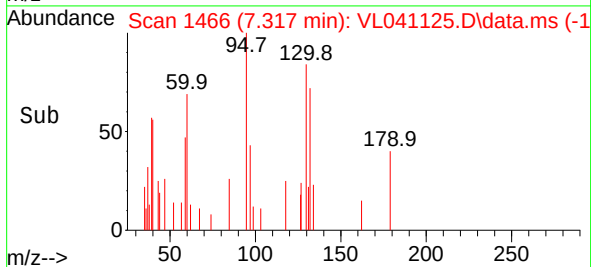
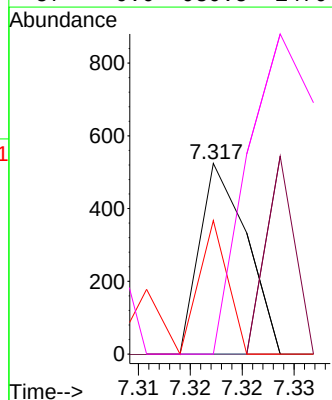
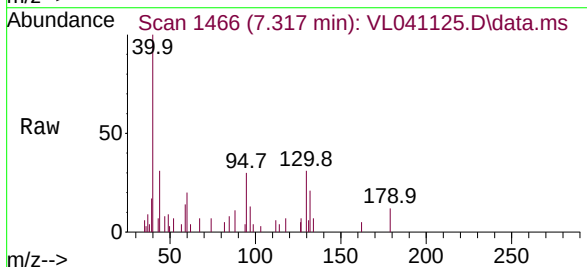
Ion Ratio Lower Upper

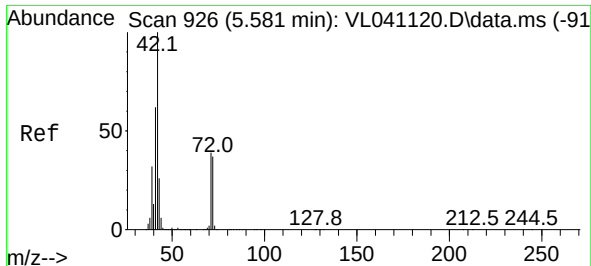
88 100

58 0.0 107.8 161.6#

43 0.0 223.8 335.6#

57 0.0 980.5 1470.7#

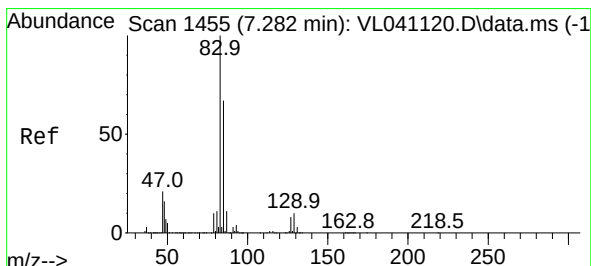
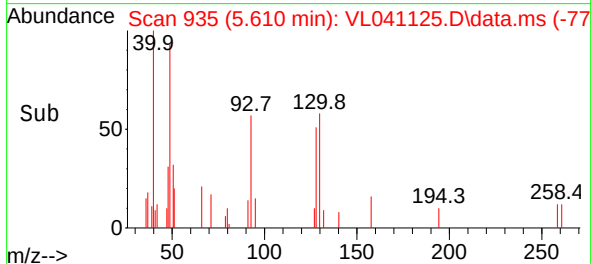
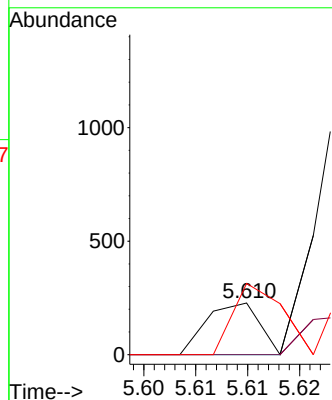
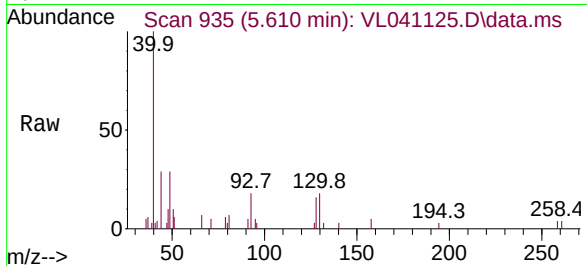




#41
Tetrahydrofuran
Concen: 0.001 ppbv
RT: 5.610 min Scan# 91
Delta R.T. 0.029 min
Lab File: VL041125.D
Acq: 4 Apr 2024 12:40

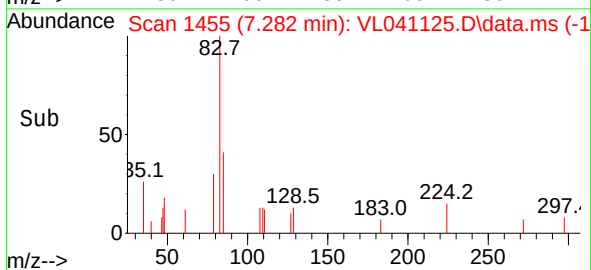
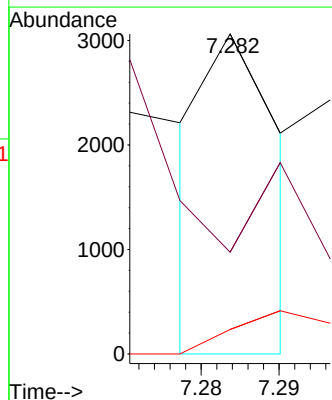
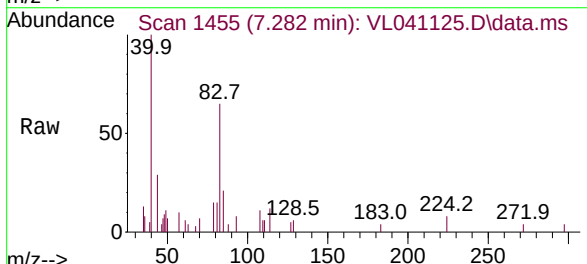
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

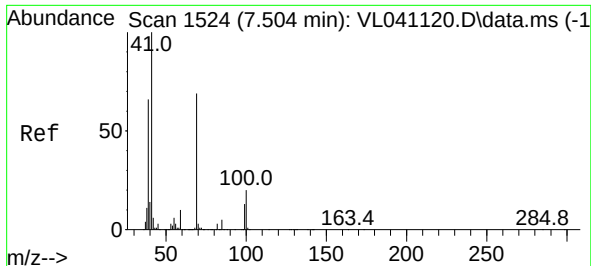
Tgt Ion: 42 Resp: 81
Ion Ratio Lower Upper
42 100
72 85.2 31.2 46.8#
71 45.7 29.9 44.9#



#42
Bromodichloromethane
Concen: 0.005 ppbv
RT: 7.282 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VL041125.D
Acq: 4 Apr 2024 12:40

Tgt Ion: 83 Resp: 999
Ion Ratio Lower Upper
83 100
85 0.0 53.5 80.3#
127 24.7 6.2 9.4#





#43

Methyl Methacrylate

Concen: 0.005 ppbv

RT: 7.510 min Scan# 1

Delta R.T. 0.006 min

Lab File: VL041125.D

Acq: 4 Apr 2024 12:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

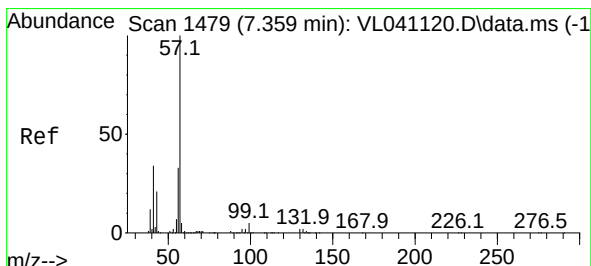
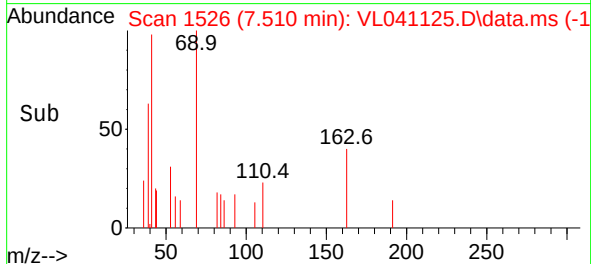
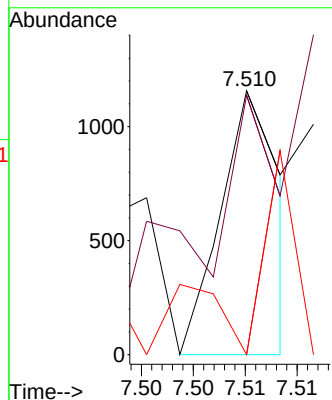
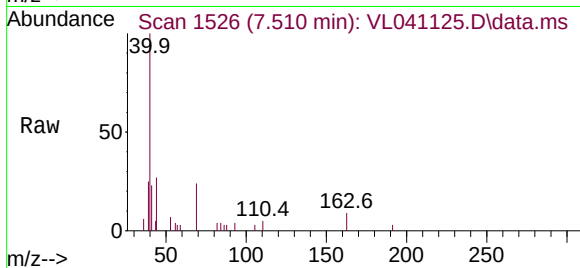
Tgt Ion: 69 Resp: 467

Ion Ratio Lower Upper

69 100

41 0.0 119.2 178.8#

100 125.5 24.6 37.0#



#44

2,2,4-Trimethylpentane

Concen: 0.010 ppbv

RT: 7.359 min Scan# 1479

Delta R.T. 0.000 min

Lab File: VL041125.D

Acq: 4 Apr 2024 12:40

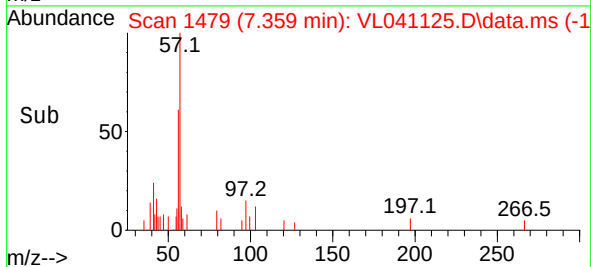
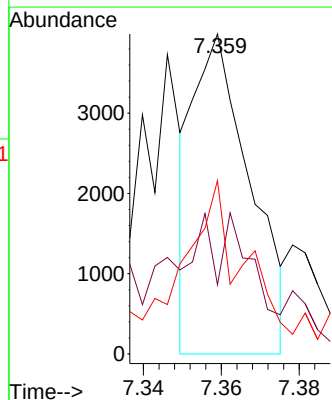
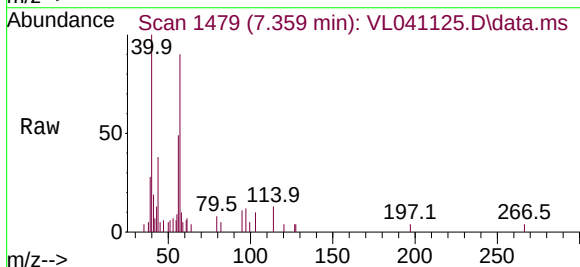
Tgt Ion: 57 Resp: 4062

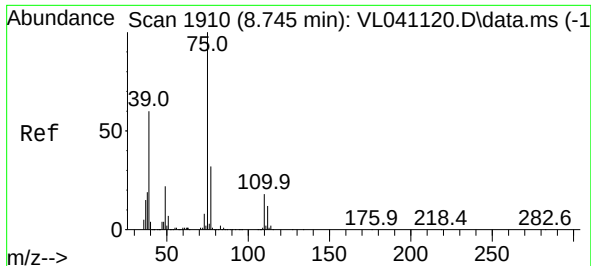
Ion Ratio Lower Upper

57 100

41 83.1 28.2 42.2#

56 88.3 25.2 37.8#





#45

t-1,3-Dichloropropene

Concen: 0.004 ppbv

RT: 8.738 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VL041125.D

Acq: 4 Apr 2024 12:40

Instrument :

MSVOA_L

ClientSampleId :

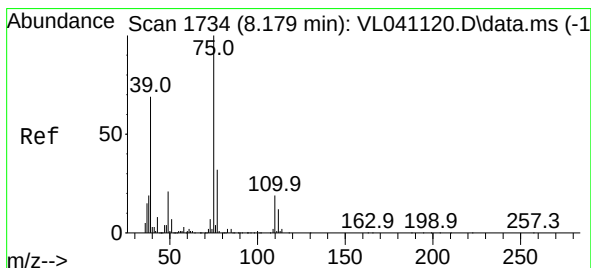
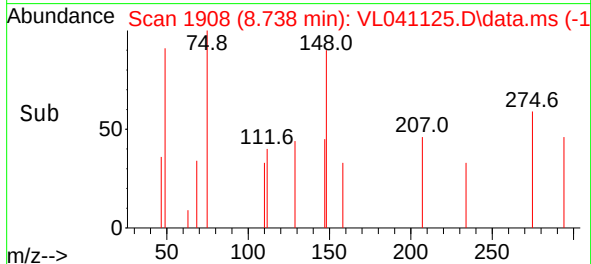
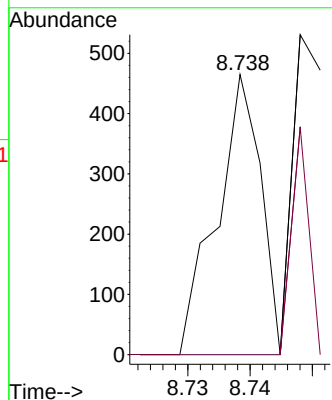
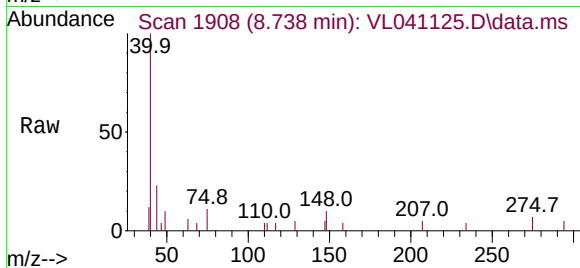
VSTDIC0.03

Tgt Ion: 75 Resp: 228

Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.2#



#46

cis-1,3-Dichloropropene

Concen: 0.008 ppbv

RT: 8.169 min Scan# 1731

Delta R.T. -0.010 min

Lab File: VL041125.D

Acq: 4 Apr 2024 12:40

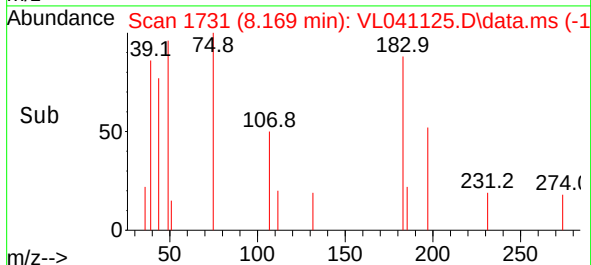
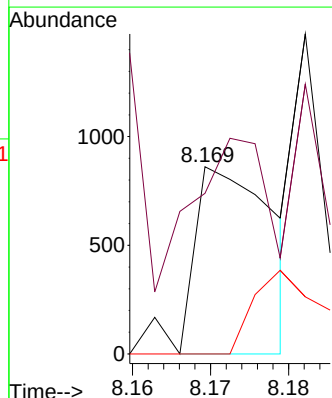
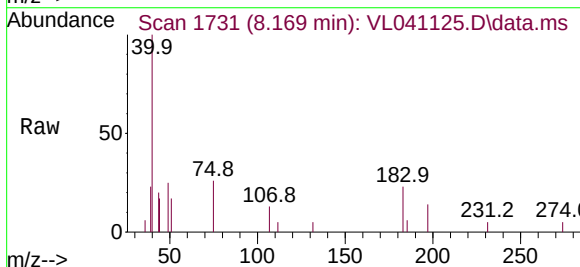
Tgt Ion: 75 Resp: 582

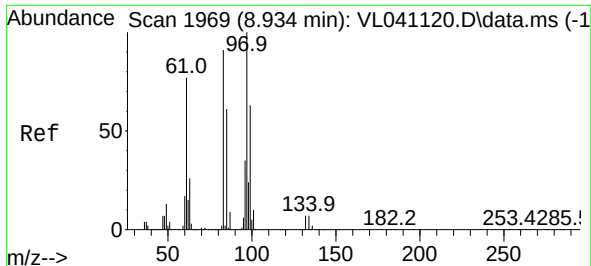
Ion Ratio Lower Upper

75 100

39 34.6 55.1 82.7#

77 0.0 25.2 37.8#





#47

1,1,2-Trichloroethane

Concen: 0.004 ppbv

RT: 8.928 min Scan# 1969

Delta R.T. -0.006 min

Lab File: VL041125.D

Acq: 4 Apr 2024 12:40

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.03

Tgt Ion: 97 Resp: 384

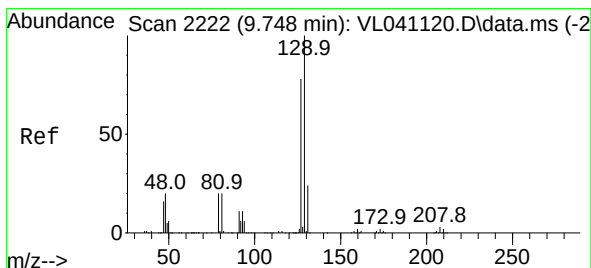
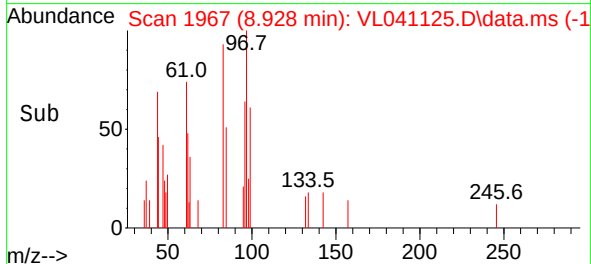
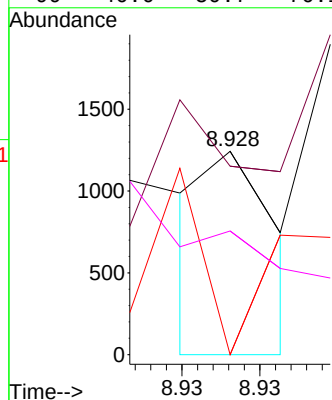
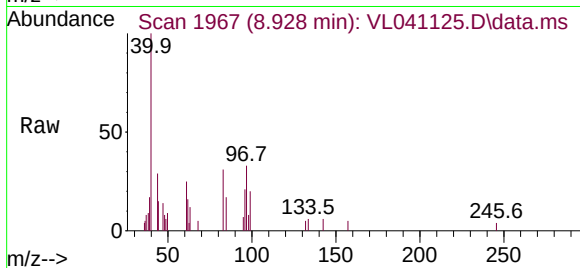
Ion Ratio Lower Upper

97 100

83 6.6 72.9 109.3#

85 0.0 49.1 73.7#

99 46.0 50.7 76.1#



#48

Dibromochloromethane

Concen: 0.001 ppbv

RT: 9.783 min Scan# 2233

Delta R.T. 0.035 min

Lab File: VL041125.D

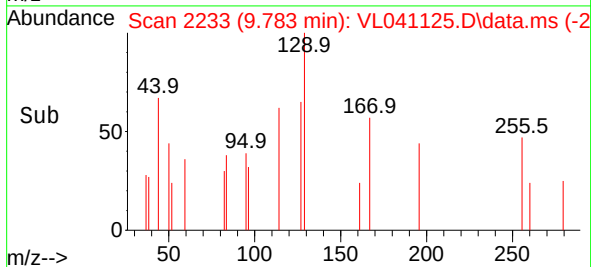
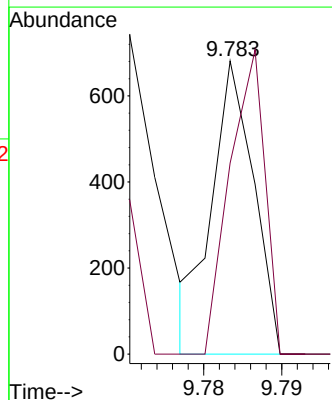
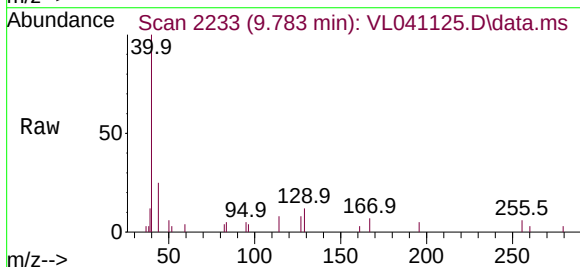
Acq: 4 Apr 2024 12:40

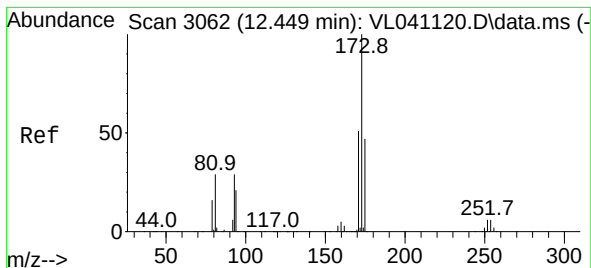
Tgt Ion: 129 Resp: 250

Ion Ratio Lower Upper

129 100

127 101.2 39.3 117.9





#49

Bromoform

Concen: 0.001 ppbv

RT: 12.442 min Scan# 3060

Delta R.T. -0.006 min

Lab File: VL041125.D

Acq: 4 Apr 2024 12:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

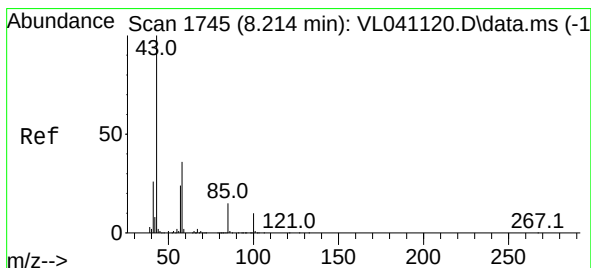
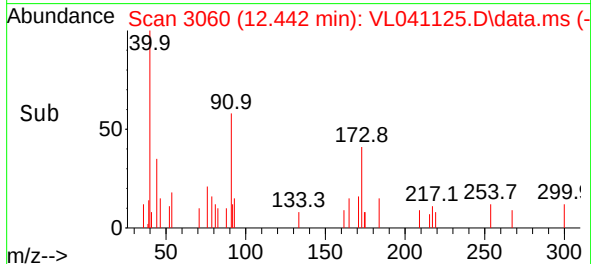
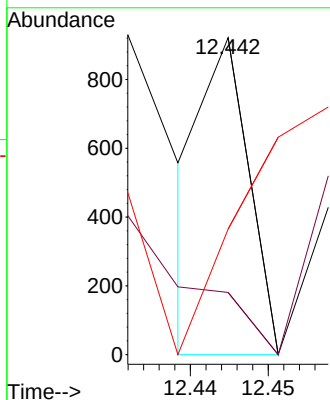
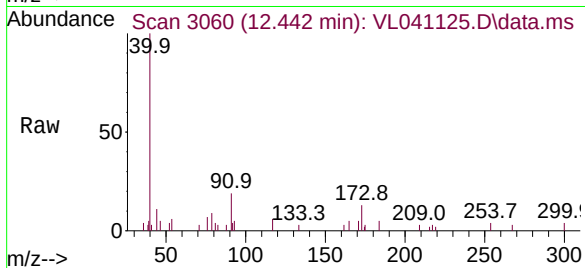
Tgt Ion:173 Resp: 178

Ion Ratio Lower Upper

173 100

175 0.0 39.4 59.0#

171 0.0 42.9 64.3#



#50

4-Methyl-2-Pentanone

Concen: 0.001 ppbv

RT: 8.227 min Scan# 1749

Delta R.T. 0.013 min

Lab File: VL041125.D

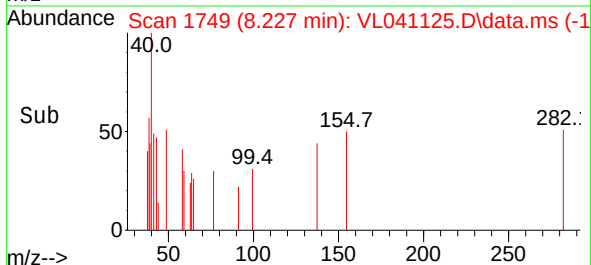
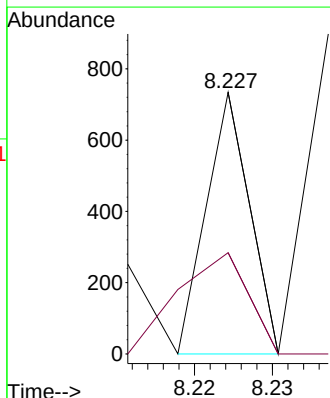
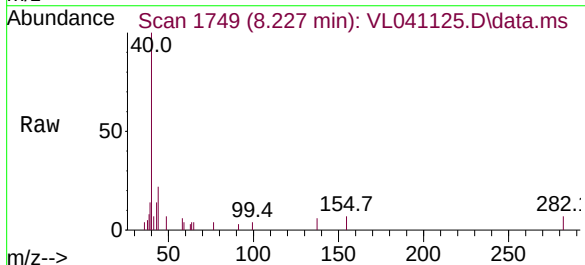
Acq: 4 Apr 2024 12:40

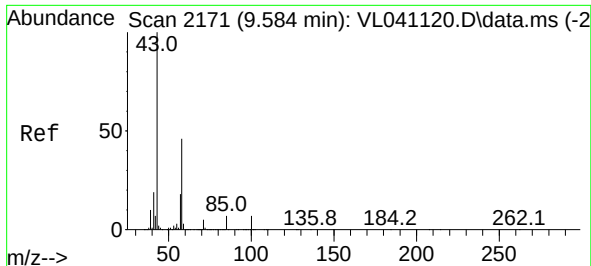
Tgt Ion: 43 Resp: 142

Ion Ratio Lower Upper

43 100

58 0.0 27.7 41.5#

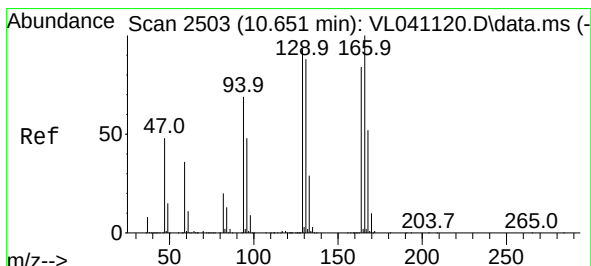
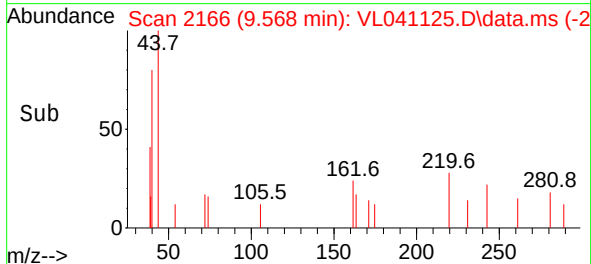
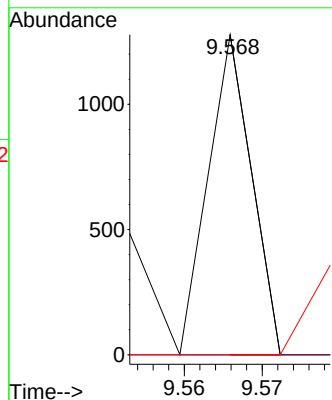
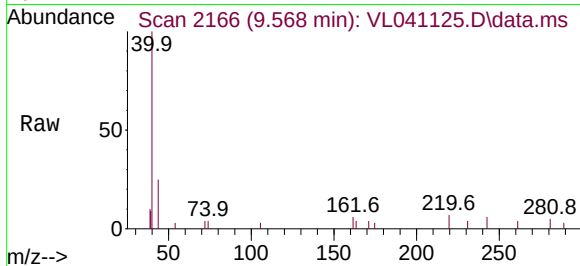




#51
2-Hexanone
Concen: 0.001 ppbv
RT: 9.568 min Scan# 2171
Delta R.T. -0.016 min
Lab File: VL041125.D
Acq: 4 Apr 2024 12:40

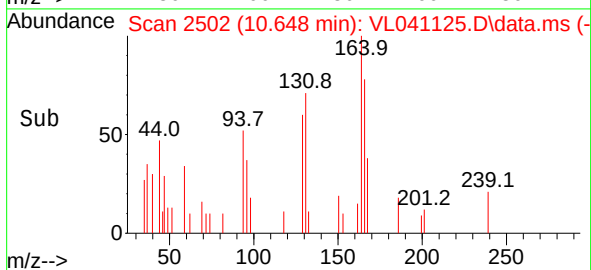
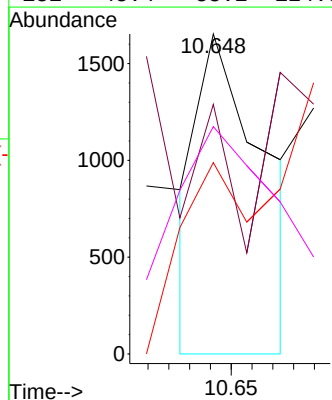
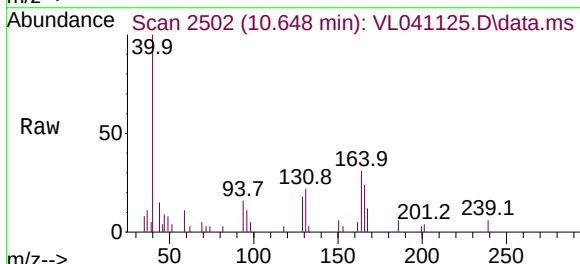
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

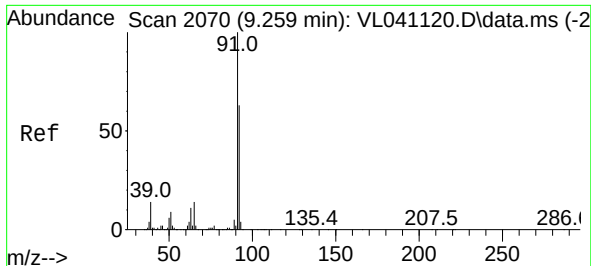
Tgt Ion: 43 Resp: 247
Ion Ratio Lower Upper
43 100
58 0.0 37.3 55.9#
98 0.0 0.3 0.5#



#52
Tetrachloroethene
Concen: 0.009 ppbv
RT: 10.648 min Scan# 2502
Delta R.T. -0.003 min
Lab File: VL041125.D
Acq: 4 Apr 2024 12:40

Tgt Ion: 164 Resp: 723
Ion Ratio Lower Upper
164 100
166 73.0 95.0 142.6#
129 41.7 88.7 133.1#
131 48.4 83.2 124.8#





#53

Toluene

Concen: 0.001 ppbv

RT: 9.729 min Scan# 2117

Delta R.T. 0.470 min

Lab File: VL041125.D

Acq: 4 Apr 2024 12:40

Instrument :

MSVOA_L

ClientSampleId :

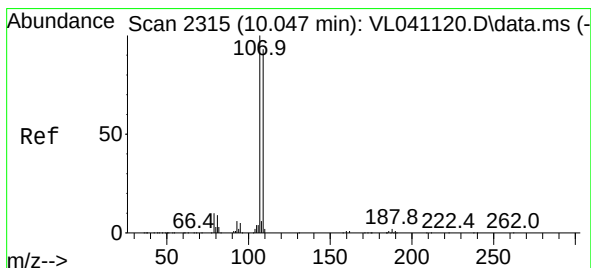
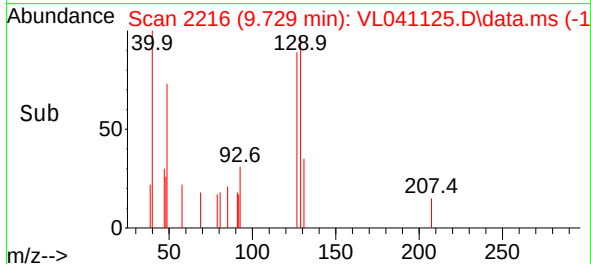
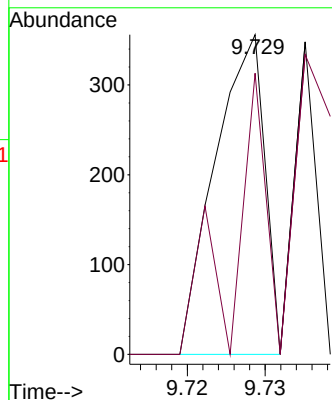
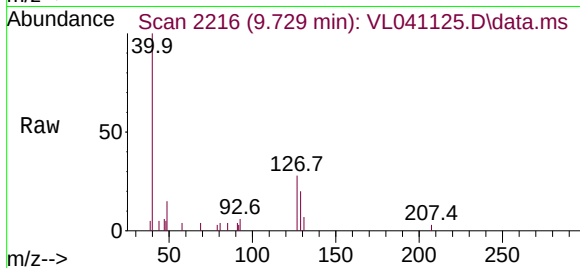
VSTDICC0.03

Tgt Ion: 91 Resp: 157

Ion Ratio Lower Upper

91 100

92 51.0 49.0 73.4



#54

1,2-Dibromoethane

Concen: 0.010 ppbv

RT: 10.053 min Scan# 2317

Delta R.T. 0.007 min

Lab File: VL041125.D

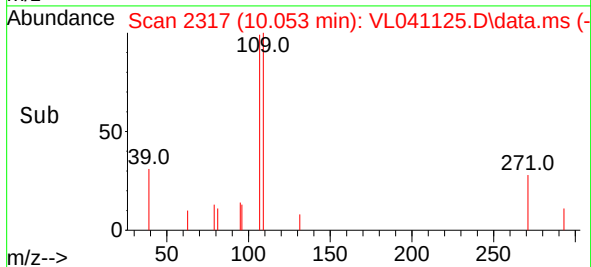
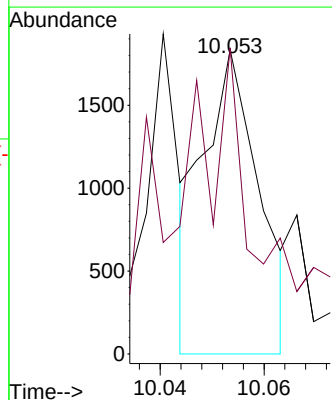
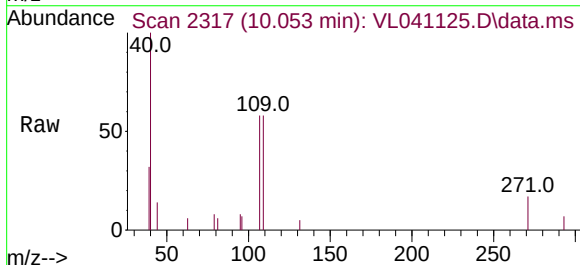
Acq: 4 Apr 2024 12:40

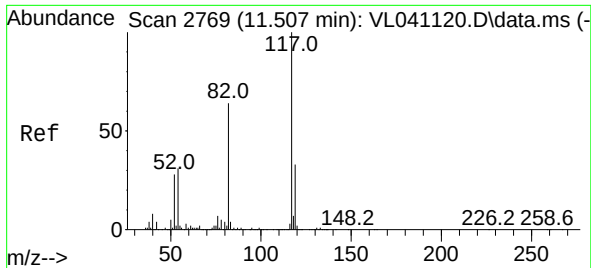
Tgt Ion: 107 Resp: 1370

Ion Ratio Lower Upper

107 100

109 94.6 74.3 111.5

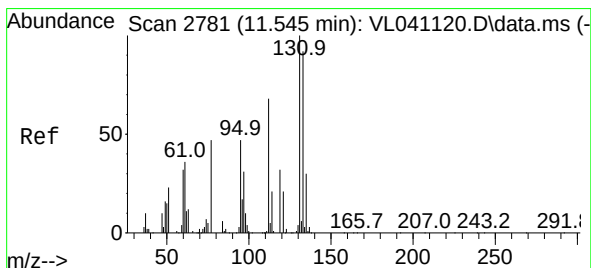
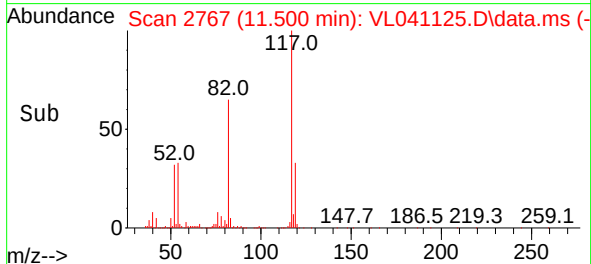
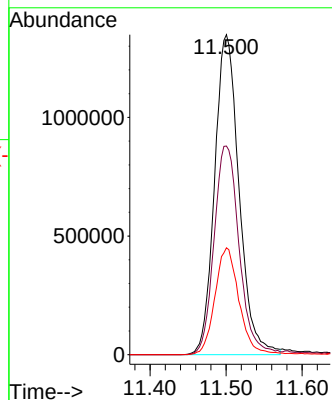
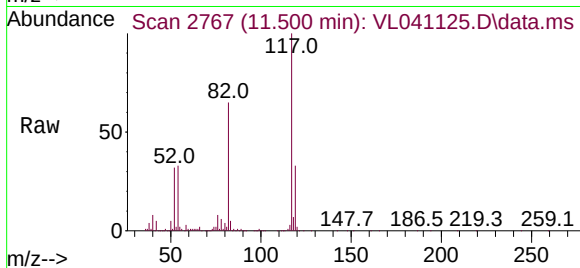




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.500 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL041125.D
Acq: 4 Apr 2024 12:40

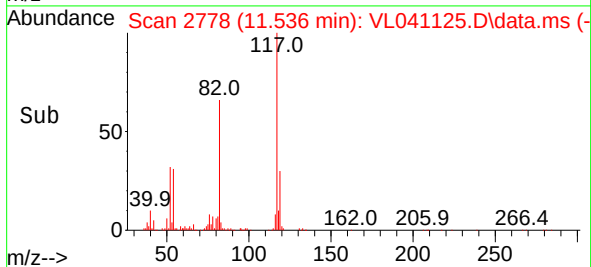
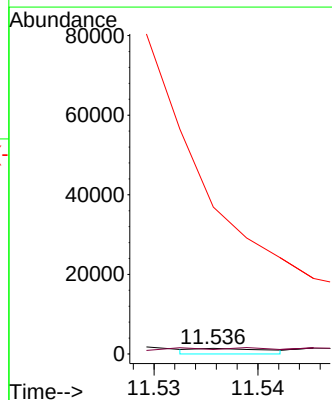
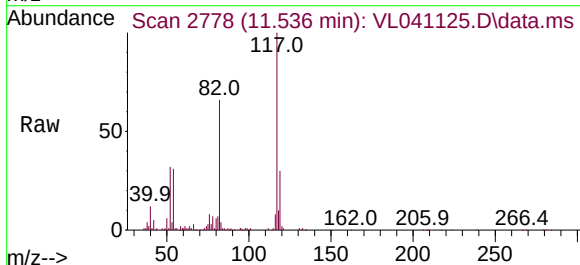
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

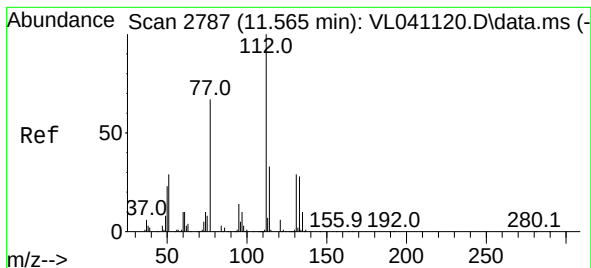
Tgt Ion:117 Resp: 3013728
Ion Ratio Lower Upper
117 100
82 69.1 51.0 76.6
119 33.6 25.2 37.8



#56
1,1,1,2-Tetrachloroethane
Concen: 0.006 ppbv
RT: 11.536 min Scan# 2778
Delta R.T. -0.010 min
Lab File: VL041125.D
Acq: 4 Apr 2024 12:40

Tgt Ion:131 Resp: 679
Ion Ratio Lower Upper
131 100
133 488.8 76.6 115.0#
119 0.0 49.9 74.9#

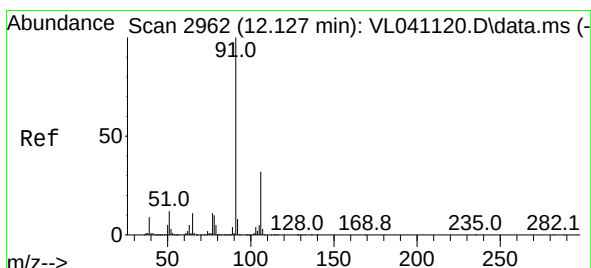
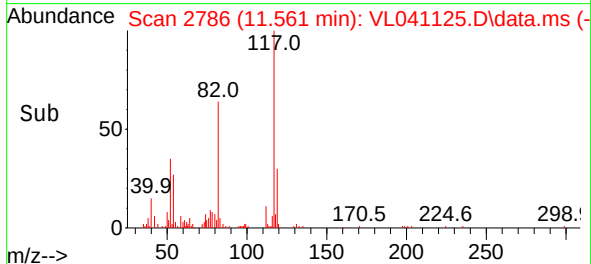
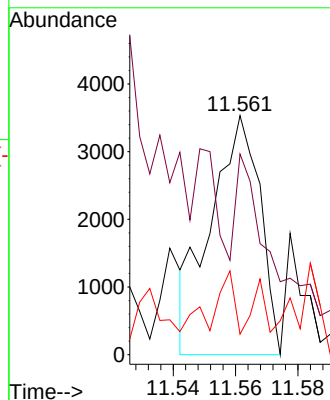
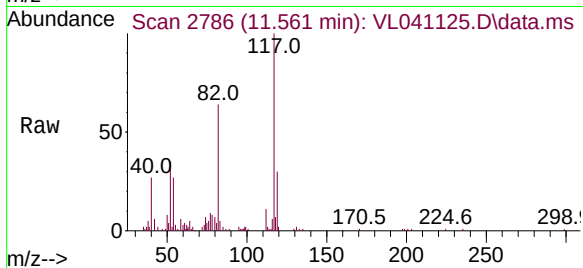




#57
Chlorobenzene
Concen: 0.019 ppbv
RT: 11.561 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041125.D
Acq: 4 Apr 2024 12:40

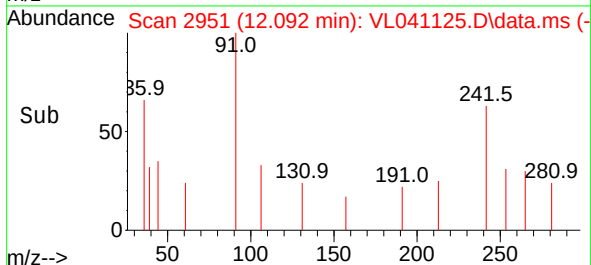
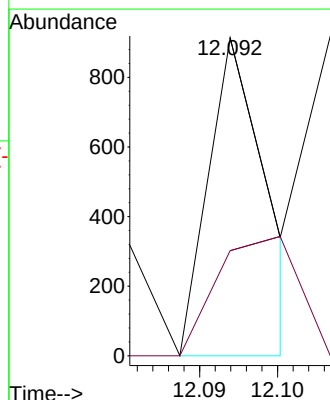
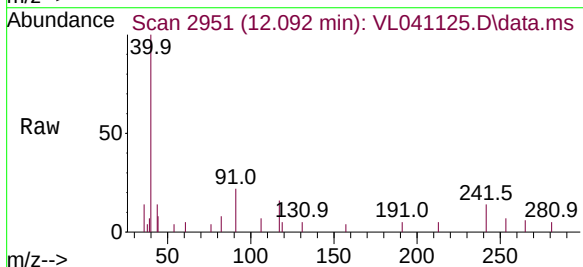
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

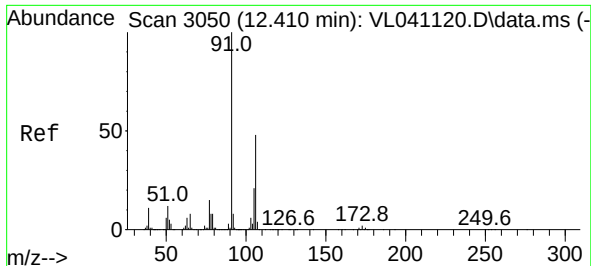
Tgt Ion:112 Resp: 3894
Ion Ratio Lower Upper
112 100
77 53.4 54.0 81.0#
114 0.0 29.3 35.9#



#58
Ethyl Benzene
Concen: 0.001 ppbv
RT: 12.092 min Scan# 2951
Delta R.T. -0.035 min
Lab File: VL041125.D
Acq: 4 Apr 2024 12:40

Tgt Ion: 91 Resp: 242
Ion Ratio Lower Upper
91 100
106 33.0 25.6 38.4





#59

m/p-Xylene

Concen: 0.007 ppbv

RT: 12.407 min Scan# 3050

Delta R.T. -0.003 min

Lab File: VL041125.D

Acq: 4 Apr 2024 12:40

Instrument :

MSVOA_L

ClientSampleId :

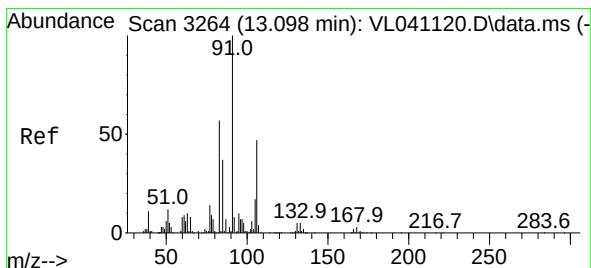
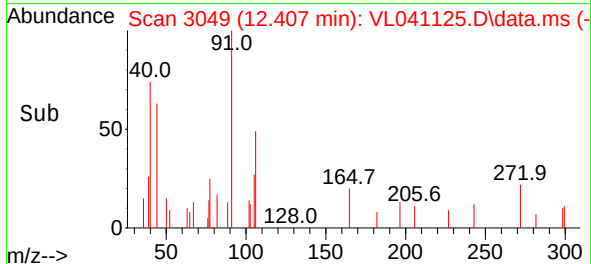
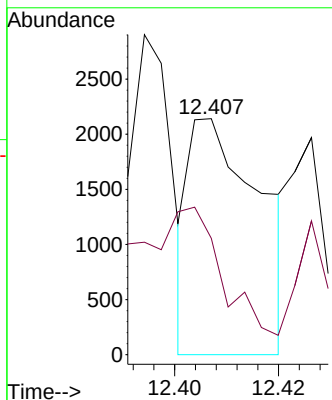
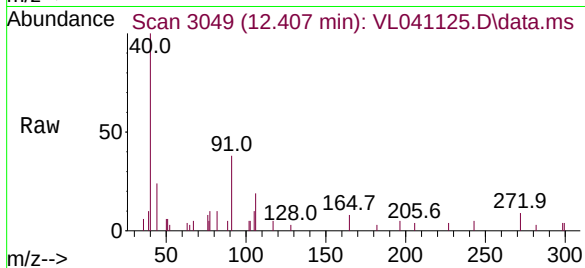
VSTDICC0.03

Tgt Ion: 91 Resp: 2018

Ion Ratio Lower Upper

91 100

106 116.9 35.4 53.2#



#60

o-Xylene

Concen: 0.000 ppbv

RT: 12.973 min Scan# 3225

Delta R.T. -0.125 min

Lab File: VL041125.D

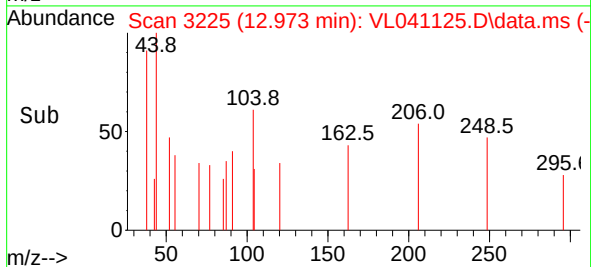
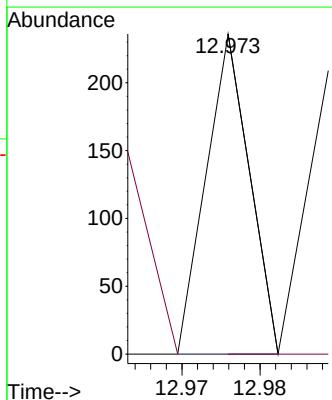
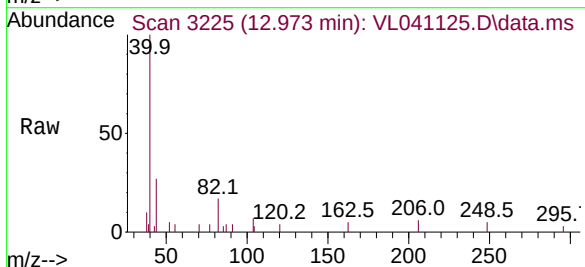
Acq: 4 Apr 2024 12:40

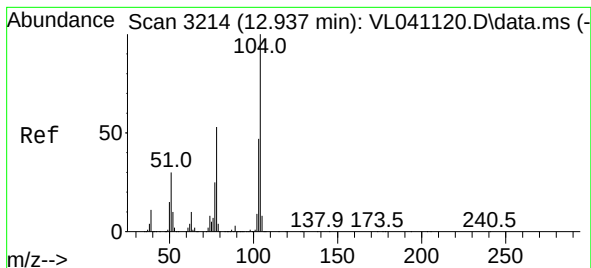
Tgt Ion: 91 Resp: 45

Ion Ratio Lower Upper

91 100

106 64.4 22.9 68.5





#61

Styrene

Concen: 0.004 ppbv

RT: 12.938 min Scan# 31

Delta R.T. 0.000 min

Lab File: VL041125.D

Acq: 4 Apr 2024 12:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.03

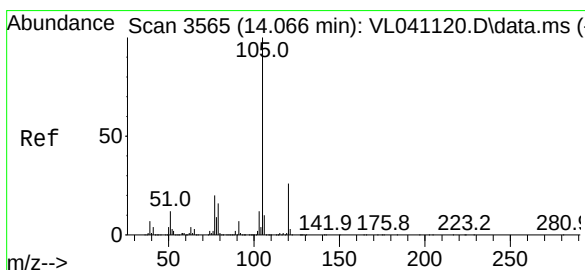
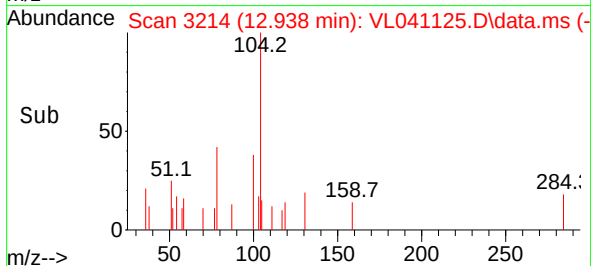
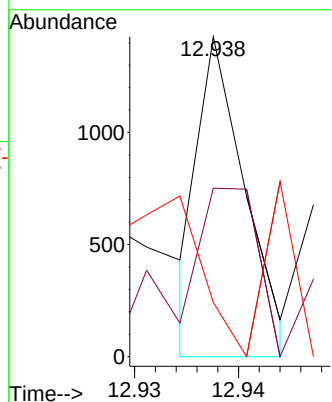
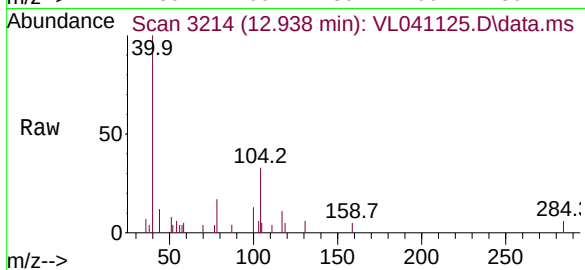
Tgt Ion:104 Resp: 445

Ion Ratio Lower Upper

104 100

78 0.0 43.3 64.9#

103 0.0 38.2 57.2#



#62

Isopropylbenzene

Concen: 0.007 ppbv

RT: 14.053 min Scan# 3561

Delta R.T. -0.013 min

Lab File: VL041125.D

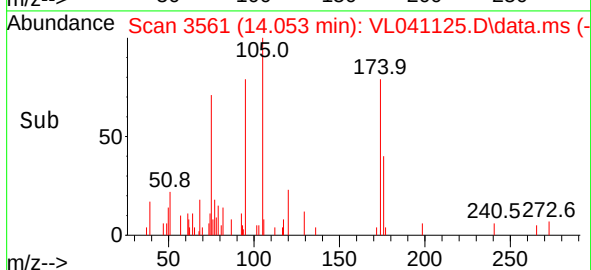
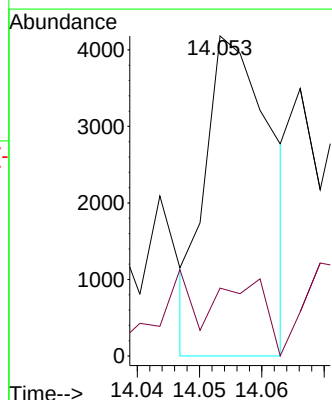
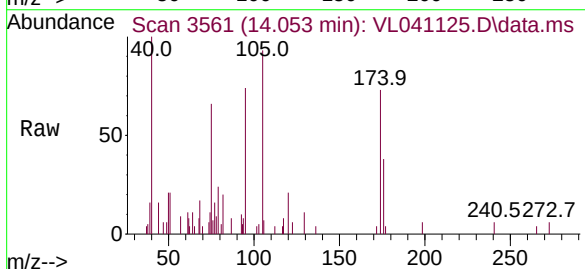
Acq: 4 Apr 2024 12:40

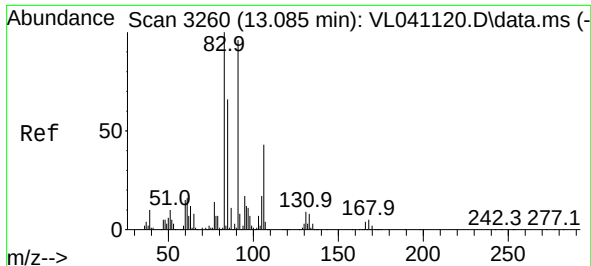
Tgt Ion:105 Resp: 3060

Ion Ratio Lower Upper

105 100

120 0.0 21.0 31.4#





#63

1,1,2,2-Tetrachloroethane

Concen: 0.005 ppbv

RT: 13.076 min Scan# 31

Delta R.T. -0.010 min

Lab File: VL041125.D

Acq: 4 Apr 2024 12:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

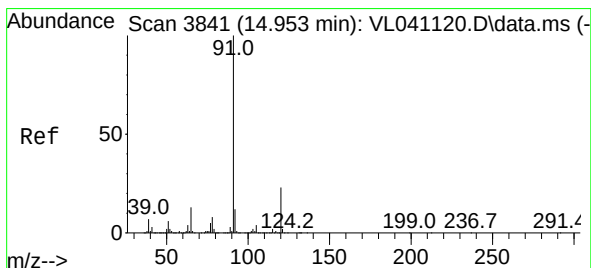
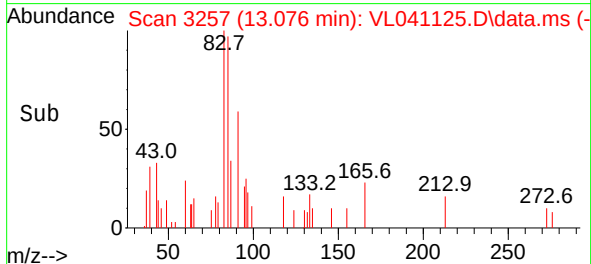
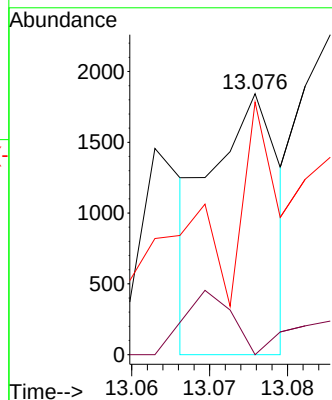
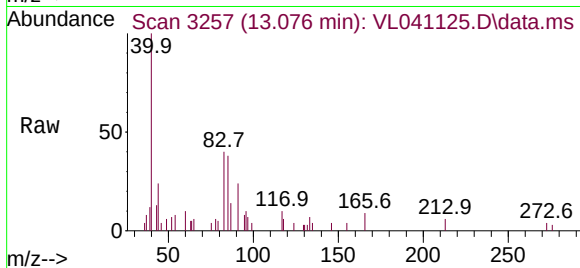
Tgt Ion: 83 Resp: 1129

Ion Ratio Lower Upper

83 100

131 0.0 4.7 14.0#

85 0.0 33.1 99.2#



#64

n-propylbenzene

Concen: 0.001 ppbv

RT: 15.249 min Scan# 3933

Delta R.T. 0.296 min

Lab File: VL041125.D

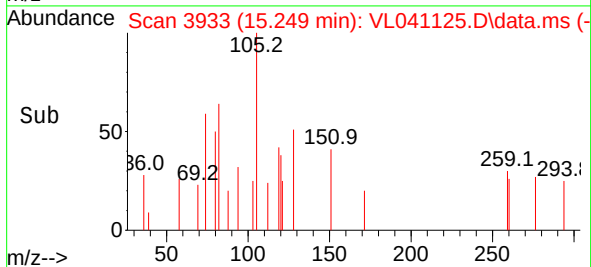
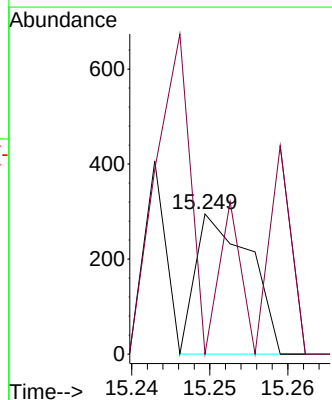
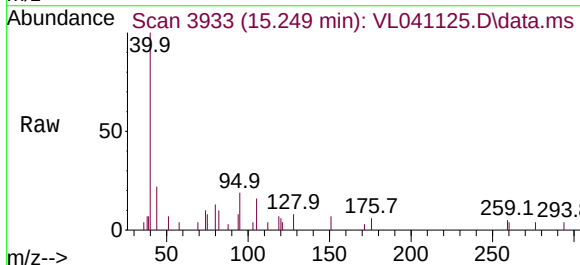
Acq: 4 Apr 2024 12:40

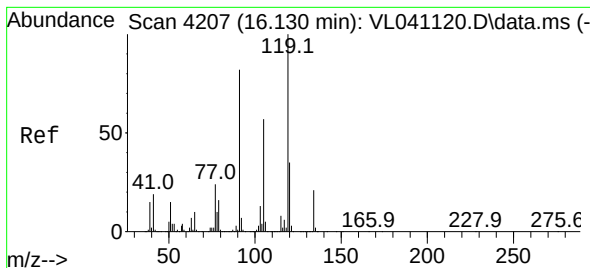
Tgt Ion: 120 Resp: 143

Ion Ratio Lower Upper

120 100

91 542.0 395.0 592.6





#65

tert-Butylbenzene

Concen: 0.001 ppbv

RT: 16.121 min Scan# 41

Delta R.T. -0.010 min

Lab File: VL041125.D

Acq: 4 Apr 2024 12:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

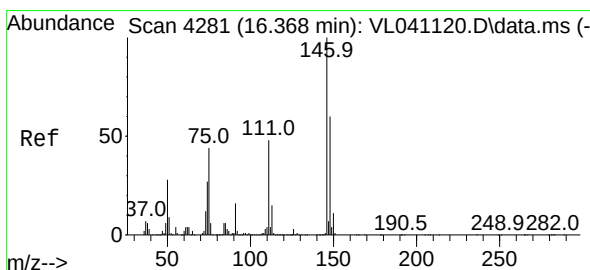
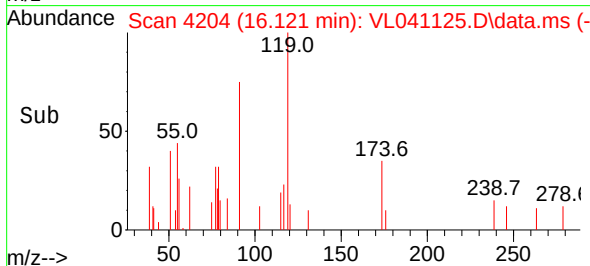
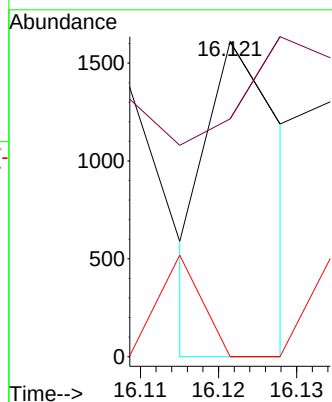
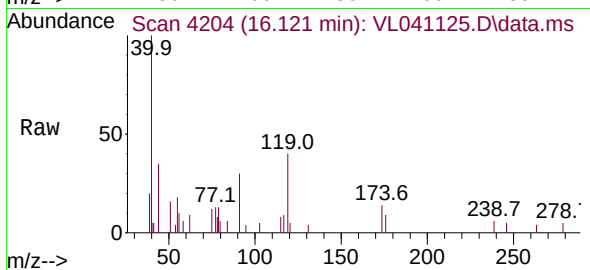
Tgt Ion:119 Resp: 539

Ion Ratio Lower Upper

119 100

91 0.0 67.8 101.8#

134 0.0 16.0 24.0#



#66

Benzyl Chloride

Concen: 0.003 ppbv

RT: 16.253 min Scan# 4245

Delta R.T. -0.116 min

Lab File: VL041125.D

Acq: 4 Apr 2024 12:40

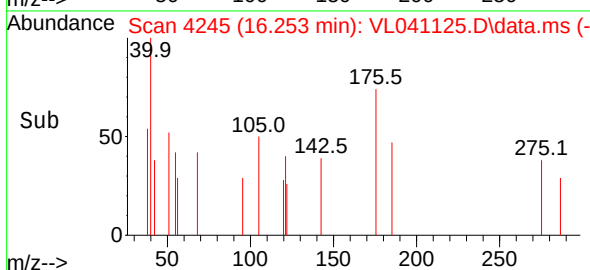
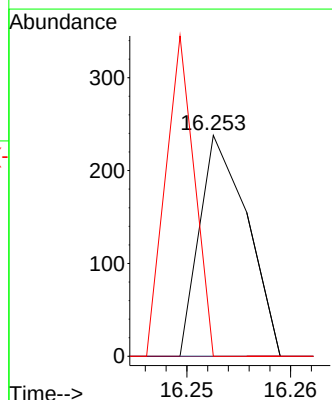
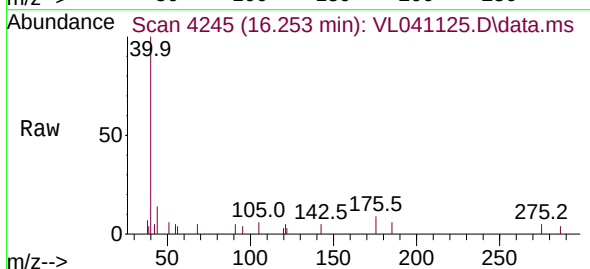
Tgt Ion: 91 Resp: 76

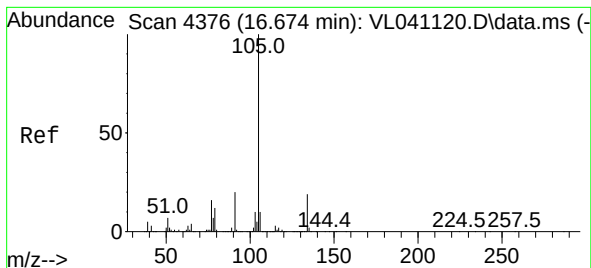
Ion Ratio Lower Upper

91 100

126 186.8 13.4 20.2#

128 0.0 4.3 6.5#





#67

sec-Butylbenzene

Concen: 0.002 ppbv

RT: 16.667 min Scan# 41

Delta R.T. -0.006 min

Lab File: VL041125.D

Acq: 4 Apr 2024 12:40

Instrument :

MSVOA_L

ClientSampleId :

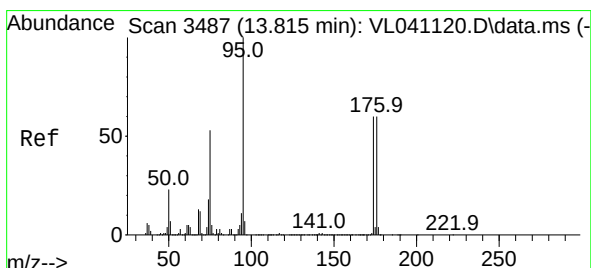
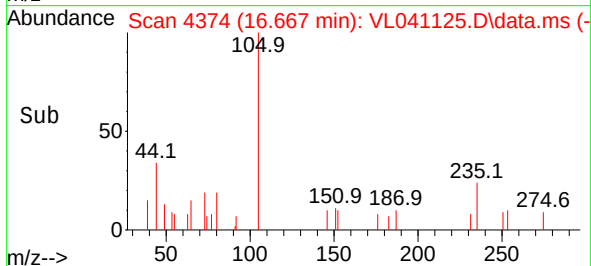
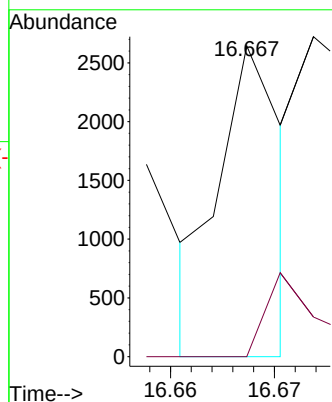
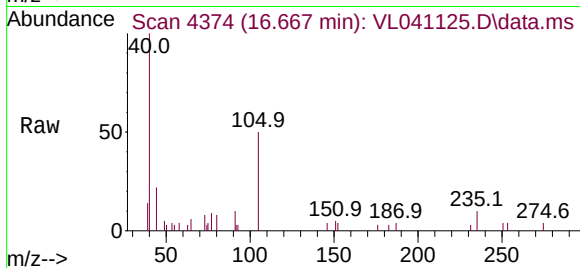
VSTDIC0.03

Tgt Ion:105 Resp: 1121

Ion Ratio Lower Upper

105 100

134 0.0 14.3 21.5#



#68

1-Bromo-4-Fluorobenzene

Concen: 10.132 ppbv

RT: 13.812 min Scan# 3486

Delta R.T. -0.003 min

Lab File: VL041125.D

Acq: 4 Apr 2024 12:40

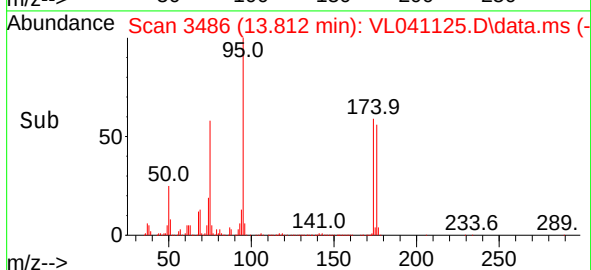
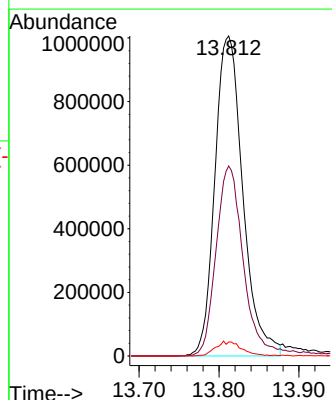
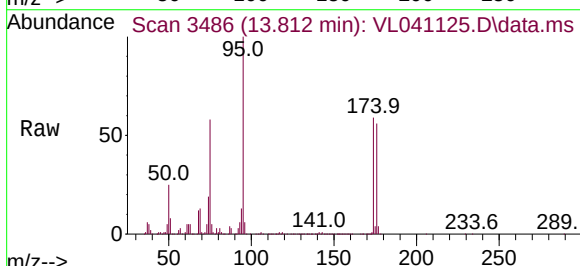
Tgt Ion: 95 Resp: 2446568

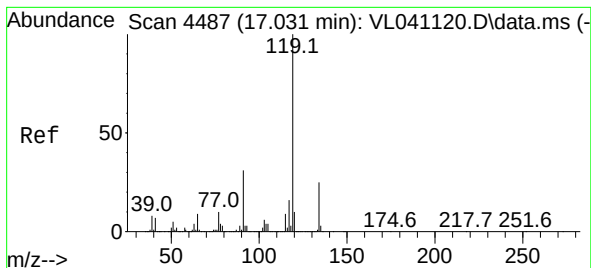
Ion Ratio Lower Upper

95 100

174 59.7 49.3 73.9

175 4.4 3.6 5.4





#69

p-Isopropyltoluene

Concen: 0.001 ppbv

RT: 17.021 min Scan# 4487

Delta R.T. -0.010 min

Lab File: VL041125.D

Acq: 4 Apr 2024 12:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

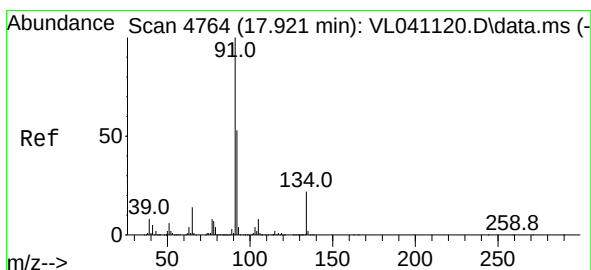
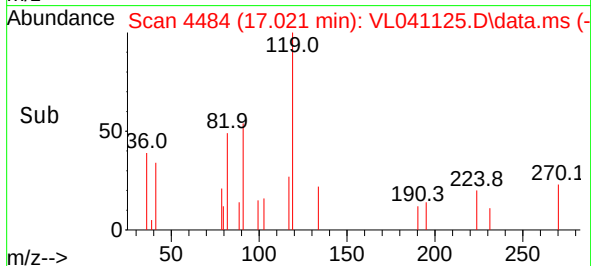
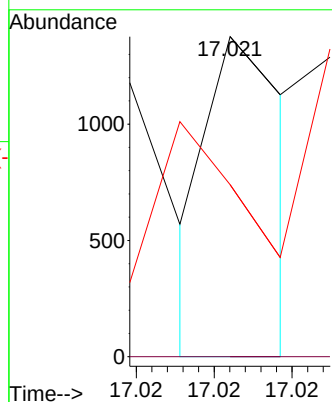
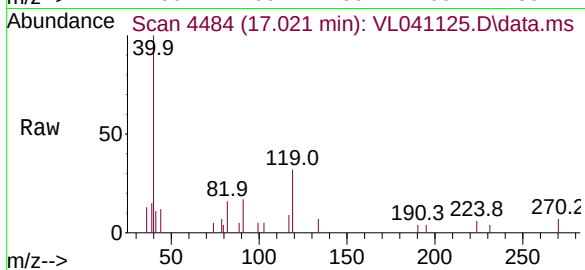
Tgt Ion:119 Resp: 483

Ion Ratio Lower Upper

119 100

134 0.0 20.5 30.7#

91 0.0 24.8 37.2#



#70

n-Butylbenzene

Concen: 0.002 ppbv

RT: 17.908 min Scan# 4760

Delta R.T. -0.013 min

Lab File: VL041125.D

Acq: 4 Apr 2024 12:40

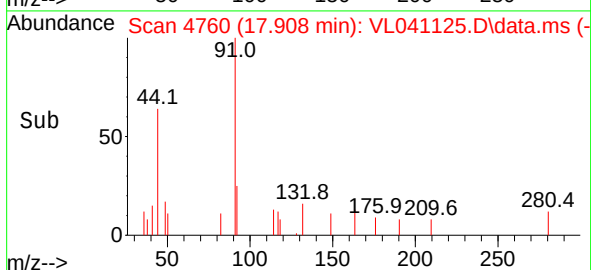
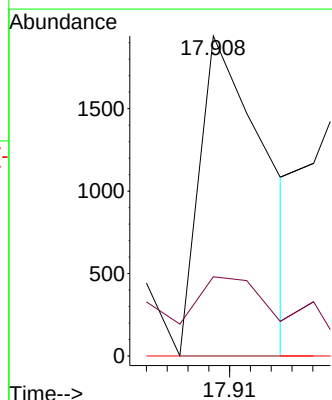
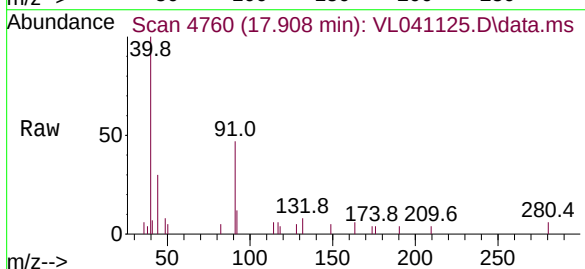
Tgt Ion: 91 Resp: 868

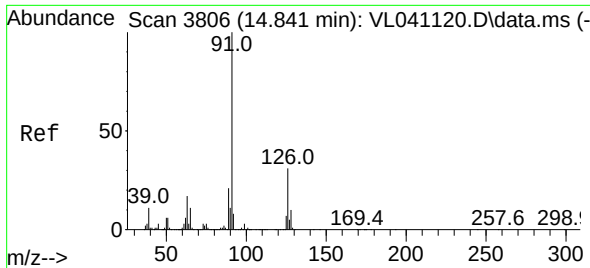
Ion Ratio Lower Upper

91 100

92 0.0 43.4 65.0#

134 0.0 17.1 25.7#

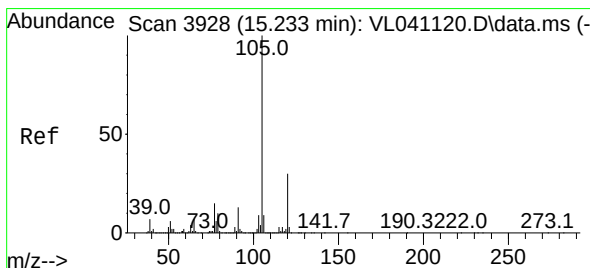
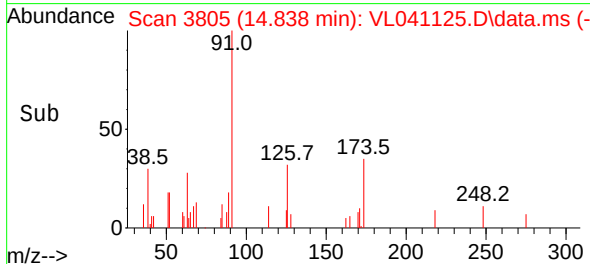
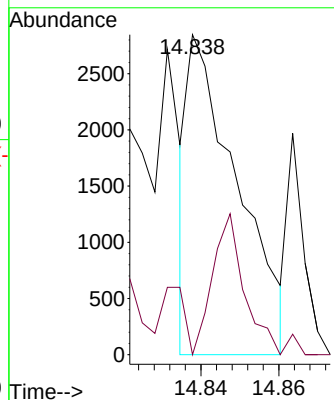
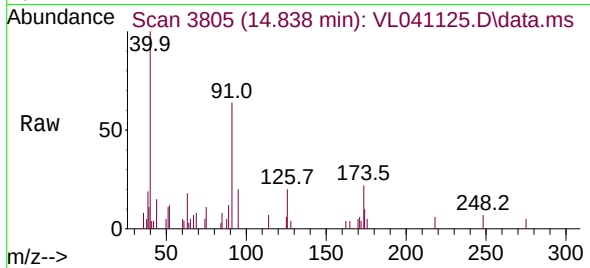




#71
2-Chlorotoluene
Concen: 0.008 ppbv
RT: 14.838 min Scan# 3805
Delta R.T. -0.003 min
Lab File: VL041125.D
Acq: 4 Apr 2024 12:40

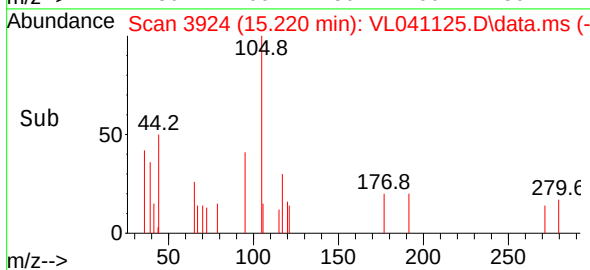
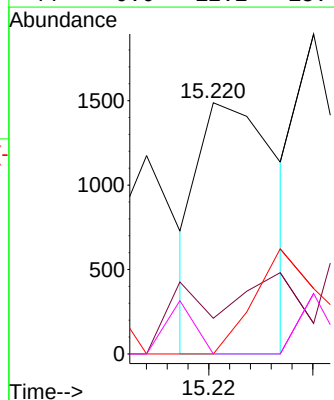
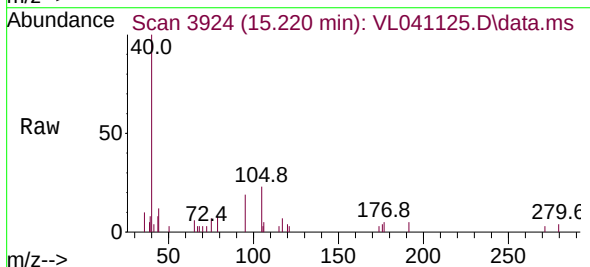
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

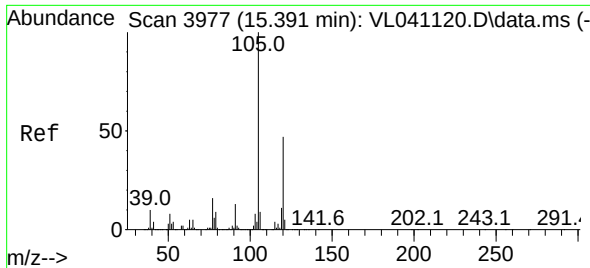
Tgt Ion: 91 Resp: 2524
Ion Ratio Lower Upper
91 100
126 40.0 12.5 50.1



#72
4-Ethyltoluene
Concen: 0.002 ppbv
RT: 15.220 min Scan# 3924
Delta R.T. -0.013 min
Lab File: VL041125.D
Acq: 4 Apr 2024 12:40

Tgt Ion: 105 Resp: 778
Ion Ratio Lower Upper
105 100
120 0.0 24.2 36.2#
91 0.0 11.2 16.8#
77 0.0 12.2 18.4#

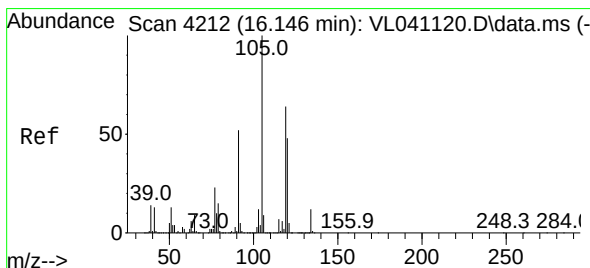
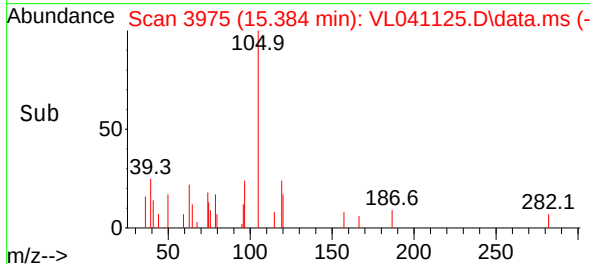
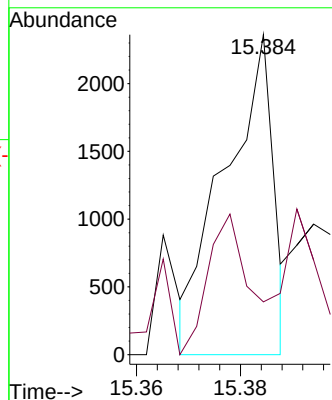
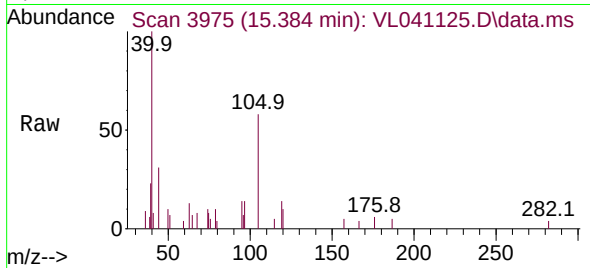




#73
1,3,5-Trimethylbenzene
Concen: 0.006 ppbv
RT: 15.384 min Scan# 3975
Delta R.T. -0.006 min
Lab File: VL041125.D
Acq: 4 Apr 2024 12:40

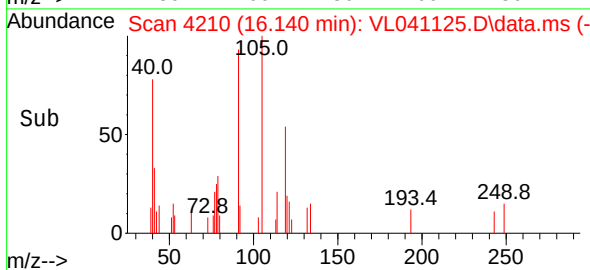
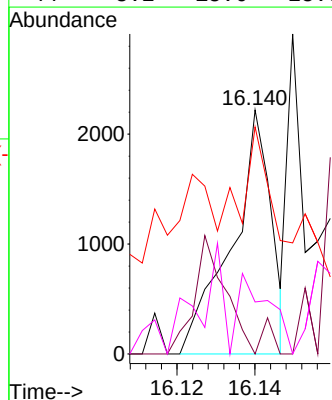
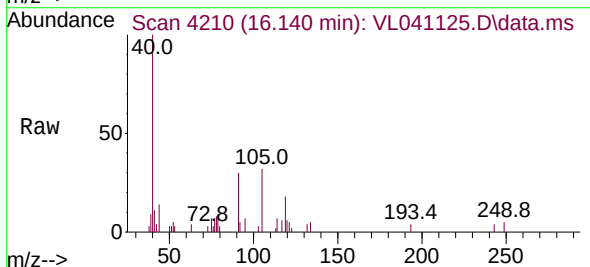
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

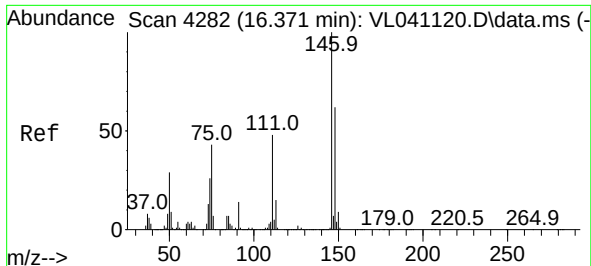
Tgt Ion:105 Resp: 1538
Ion Ratio Lower Upper
105 100
120 19.9 37.8 56.8#



#74
1,2,4-Trimethylbenzene
Concen: 0.005 ppbv
RT: 16.140 min Scan# 4210
Delta R.T. -0.006 min
Lab File: VL041125.D
Acq: 4 Apr 2024 12:40

Tgt Ion:105 Resp: 1557
Ion Ratio Lower Upper
105 100
120 0.0 38.9 58.3#
91 46.6 43.0 64.6
77 3.2 18.6 28.0#

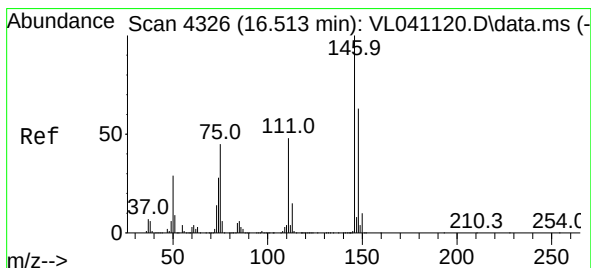
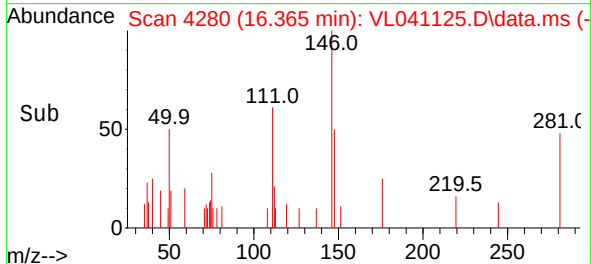
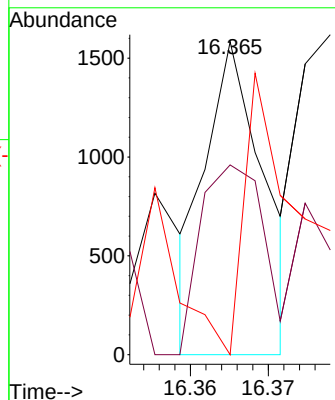
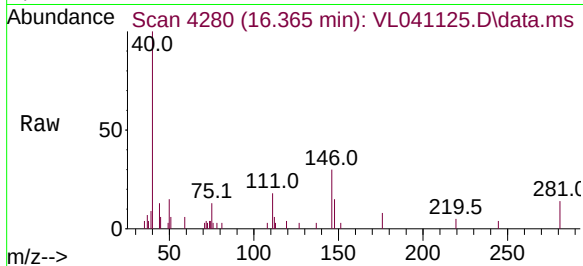




#75
1,3-Dichlorobenzene
Concen: 0.004 ppbv
RT: 16.365 min Scan# 41
Delta R.T. -0.006 min
Lab File: VL041125.D
Acq: 4 Apr 2024 12:40

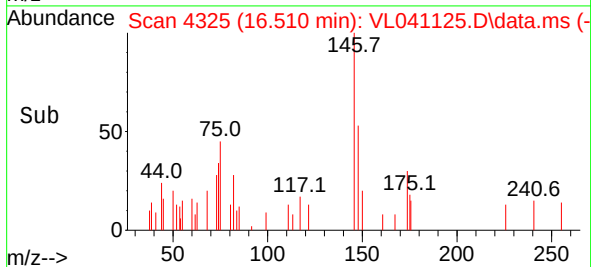
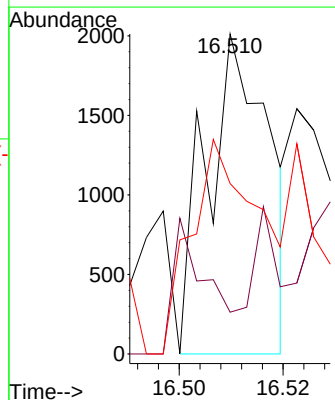
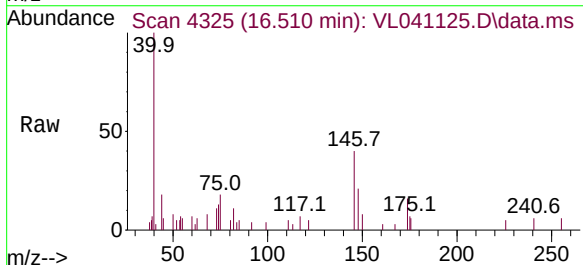
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

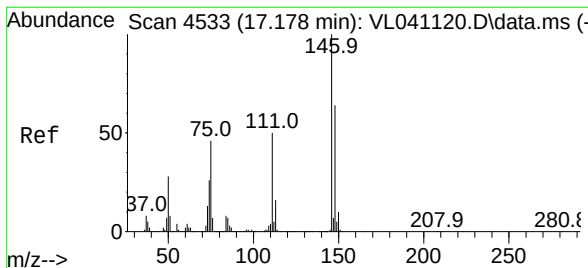
Tgt Ion:146 Resp: 819
Ion Ratio Lower Upper
146 100
111 0.0 24.1 72.4#
148 0.0 32.0 96.2#



#76
1,4-Dichlorobenzene
Concen: 0.009 ppbv
RT: 16.510 min Scan# 4325
Delta R.T. -0.003 min
Lab File: VL041125.D
Acq: 4 Apr 2024 12:40

Tgt Ion:146 Resp: 1675
Ion Ratio Lower Upper
146 100
111 0.0 24.1 72.3#
148 134.4 33.1 99.2#





#77

1,2-Dichlorobenzene

Concen: 0.006 ppbv

RT: 17.179 min Scan# 4533

Delta R.T. 0.000 min

Lab File: VL041125.D

Acq: 4 Apr 2024 12:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.03

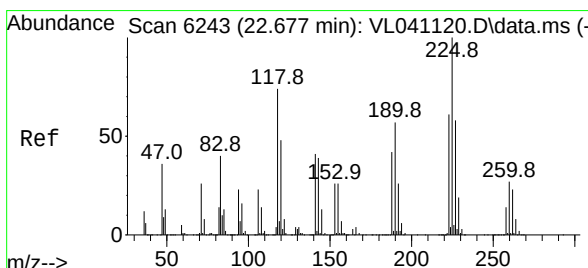
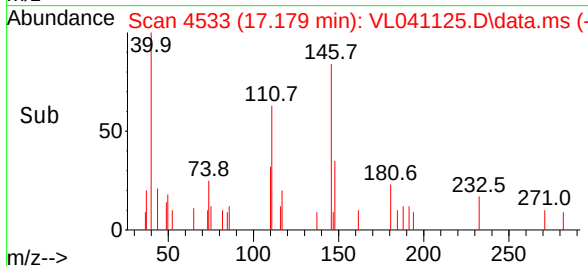
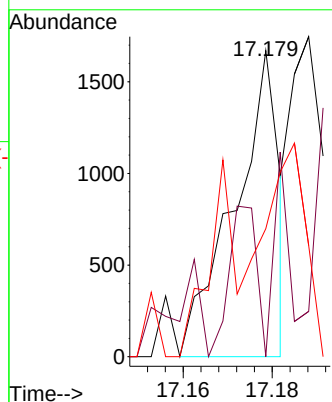
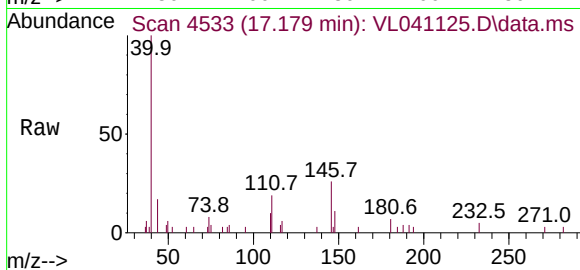
Tgt Ion:146 Resp: 1161

Ion Ratio Lower Upper

146 100

111 0.0 25.1 75.3#

148 0.0 32.6 97.7#



#78

Hexachloro-1,3-Butadiene

Concen: 0.009 ppbv

RT: 22.664 min Scan# 6239

Delta R.T. -0.013 min

Lab File: VL041125.D

Acq: 4 Apr 2024 12:40

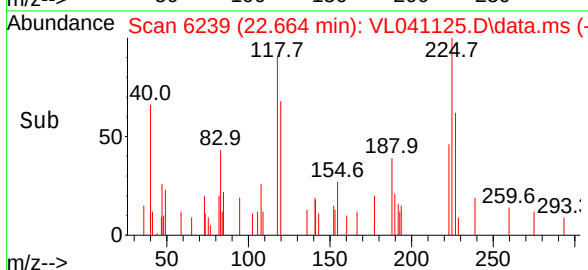
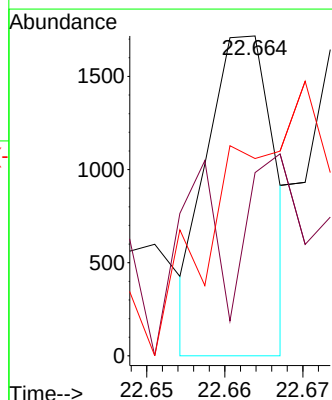
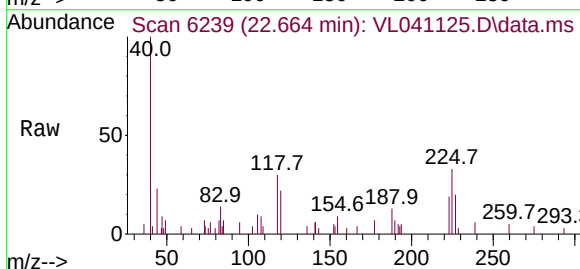
Tgt Ion:225 Resp: 1035

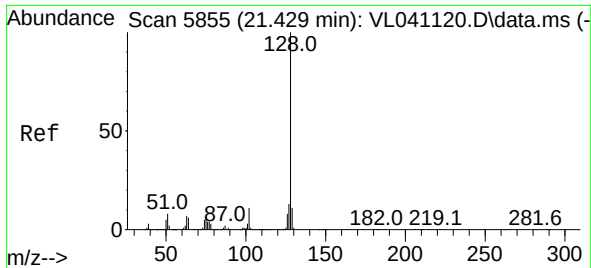
Ion Ratio Lower Upper

225 100

223 0.0 50.9 76.3#

227 0.0 51.3 76.9#

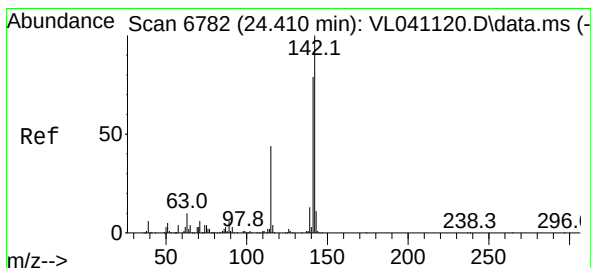
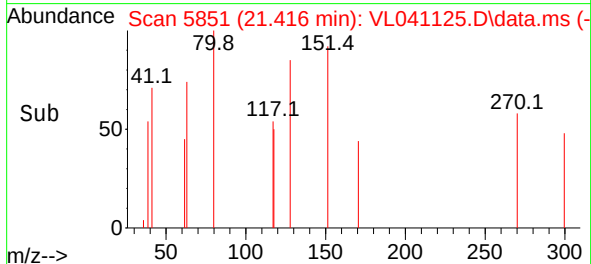
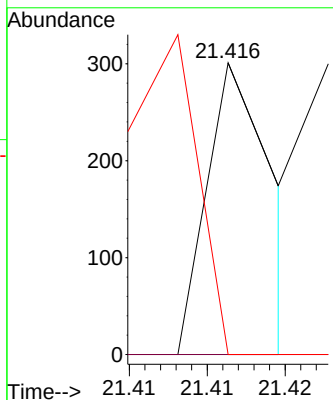
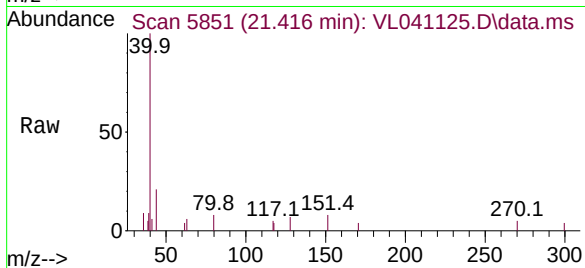




#79
Naphthalene
Concen: 0.000 ppbv
RT: 21.416 min Scan# 5851
Delta R.T. -0.013 min
Lab File: VL041125.D
Acq: 4 Apr 2024 12:40

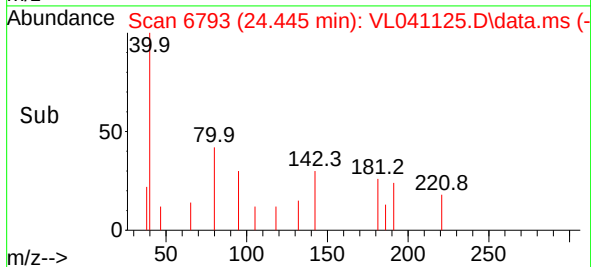
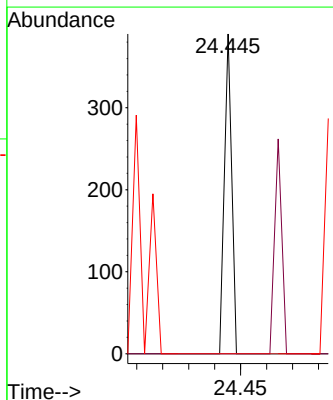
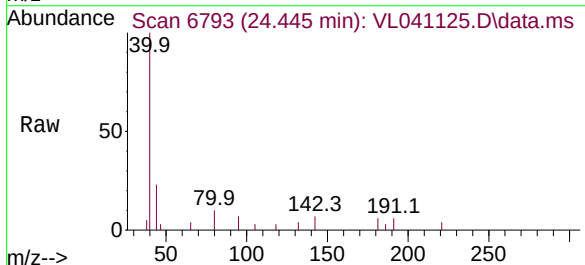
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

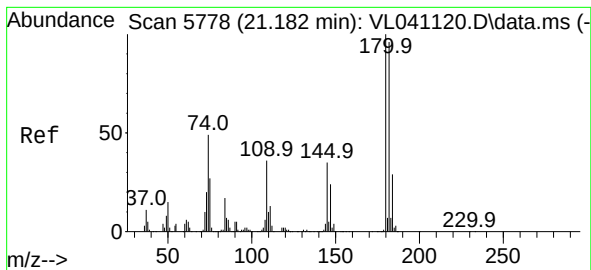
Tgt Ion:128 Resp: 92
Ion Ratio Lower Upper
128 100
127 100.0 10.6 15.8#
129 0.0 8.6 12.8#



#80
Naphthalene,2-methyl-
Concen: 0.002 ppbv
RT: 24.445 min Scan# 6793
Delta R.T. 0.035 min
Lab File: VL041125.D
Acq: 4 Apr 2024 12:40

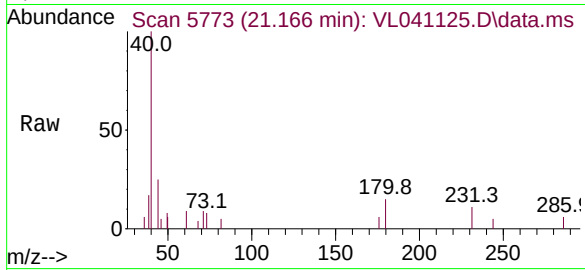
Tgt Ion:142 Resp: 75
Ion Ratio Lower Upper
142 100
141 68.0 64.4 96.6
115 144.0 33.5 50.3#





#81
 1,2,4-Trichlorobenzene
 Concen: 0.002 ppbv
 RT: 21.166 min Scan# 51
 Delta R.T. -0.016 min
 Lab File: VL041125.D
 Acq: 4 Apr 2024 12:40

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03



Tgt Ion:180 Resp: 242
 Ion Ratio Lower Upper
 180 100
 182 0.0 77.4 116.2#
 184 0.0 24.9 37.3#

