

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110823\
 Data File : VL040815.D
 Acq On : 8 Nov 2023 17:58
 Operator : SY/MD
 Sample : 05290-01 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

Quant Time: Nov 09 00:31:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Nov 09 00:25:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.205	49	1224111	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.661	114	3059614	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.459	117	2642326	10.000	ppbv	0.00

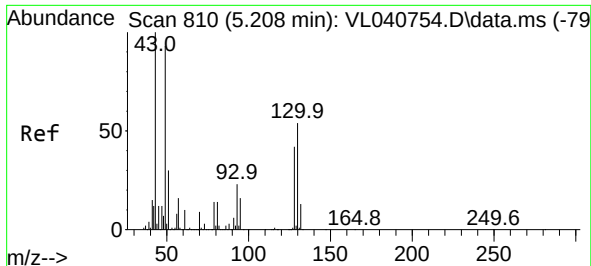
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	1978036	10.174	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.700%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.768	85	31159	0.145	ppbv	92
3) Chlorodifluoromethane	2.751	51	14024406	77.958	ppbv #	61
4) Chloromethane	2.835	50	46275	0.651	ppbv #	77
5) Vinyl Chloride	2.835	62	5608	0.076	ppbv #	1
6) Bromomethane	2.813	94	63863	2.103	ppbv	98
7) Chloroethane	2.813	64	1894804	79.298	ppbv #	43
8) Dichlorotetrafluoroethane	2.893	85	5695	0.035	ppbv	99
9) Propene	2.909	41	4297792	64.319	ppbv	95
10) Heptane	7.581	43	12377	0.074	ppbv #	75
11) Trichlorofluoromethane	3.594	101	26168	0.157	ppbv	85
12) 1,1,2-Trichlorotrifluo...	4.089	101	15157	0.128	ppbv #	13
13) Ethanol	3.272	45	55420	3.674	ppbv	82
15) Acetone	3.520	43	4351001	34.382	ppbv #	63
16) 1,3-Butadiene	3.002	39	82263	1.239	ppbv #	19
17) tert-Butyl alcohol	3.915	59	17005	0.131	ppbv #	71
19) Isopropyl Alcohol	3.607	45	55466	0.681	ppbv #	37
20) Methylene Chloride	3.957	84	169918	3.223	ppbv	98
21) Allyl Chloride	3.645	41	42863	0.514	ppbv #	76
22) trans-1,2-Dichloroethene	4.468	96	1993	0.035	ppbv #	44
23) Vinyl Acetate	4.677	43	14886	0.092	ppbv #	58
25) Ethyl Acetate	5.230	43	129465	0.467	ppbv #	81
26) Hexane	5.227	57	163212	1.288	ppbv #	42
27) Carbon Disulfide	4.150	76	6662	0.048	ppbv #	1
28) Methyl tert-Butyl Ether	4.610	73	25396	0.258	ppbv	94
29) Chloroform	5.288	83	29685	0.162	ppbv	89
34) 2-Butanone	4.803	43	1178924	8.513	ppbv	99
36) Benzene	6.382	78	15008	0.064	ppbv #	90
39) 1,2-Dichloropropane	6.661	63	760876	8.276	ppbv #	28
41) Tetrahydrofuran	5.558	42	10304	0.107	ppbv #	37
44) 2,2,4-Trimethylpentane	7.330	57	14169	0.036	ppbv #	42
51) 2-Hexanone	9.562	43	144920	0.804	ppbv #	99
53) Toluene	9.217	91	34812	0.124	ppbv #	19
58) Ethyl Benzene	12.333	91	37061	0.111	ppbv	93
59) m/p-Xylene	12.359	91	24016	0.088	ppbv #	30
60) o-Xylene	13.053	91	33034	0.127	ppbv	84
61) Styrene	12.889	104	4553	0.031	ppbv #	34
74) 1,2,4-Trimethylbenzene	16.095	105	26783	0.091	ppbv #	65

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

Quant Time: Nov 09 00:31:56 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Thu Nov 09 00:25:02 2023
Response via : Initial Calibration

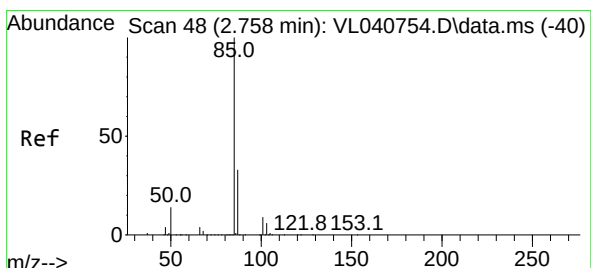
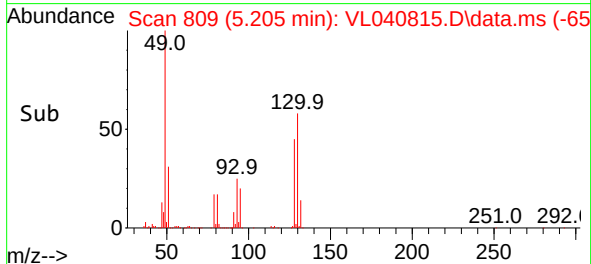
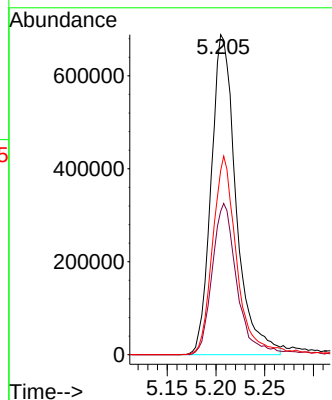
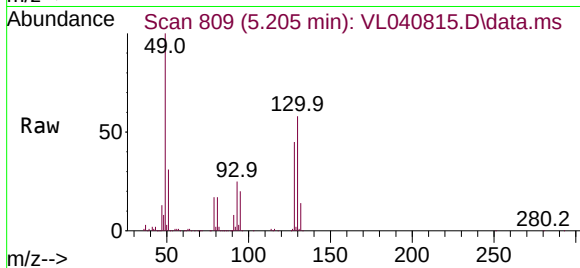




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.205 min Scan# 80
Delta R.T. -0.003 min
Lab File: VL040815.D
Acq: 8 Nov 2023 17:58

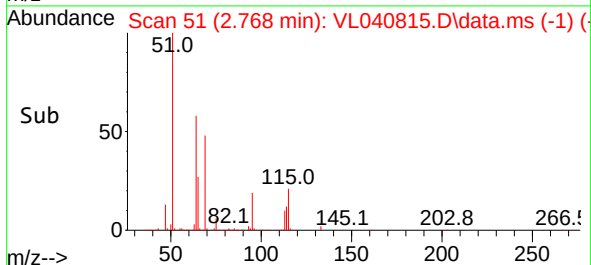
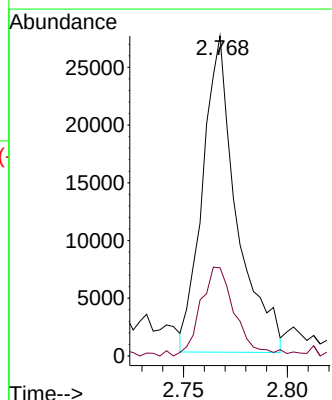
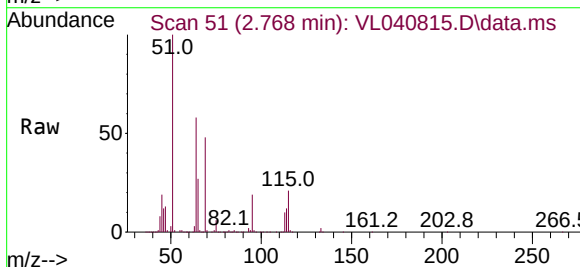
Instrument :
MSVOA_L
ClientSampleId :
SV1

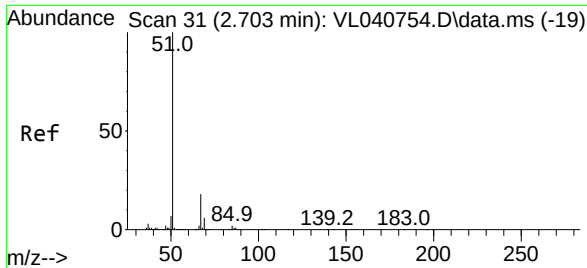
Tgt Ion: 49 Resp: 1224111
Ion Ratio Lower Upper
49 100
128 48.1 23.9 71.7
130 62.1 30.7 92.1



#2
Dichlorodifluoromethane
Concen: 0.145 ppbv
RT: 2.768 min Scan# 51
Delta R.T. -0.003 min
Lab File: VL040815.D
Acq: 8 Nov 2023 17:58

Tgt Ion: 85 Resp: 31159
Ion Ratio Lower Upper
85 100
87 28.0 26.0 39.0

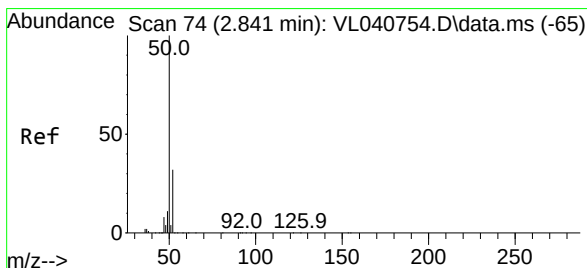
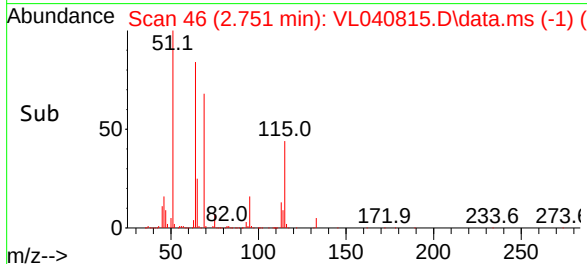
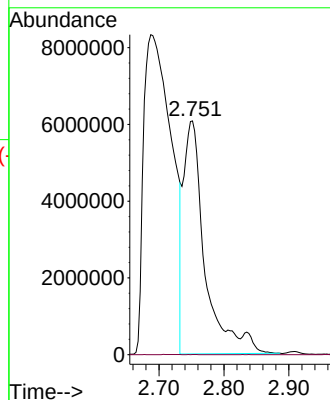
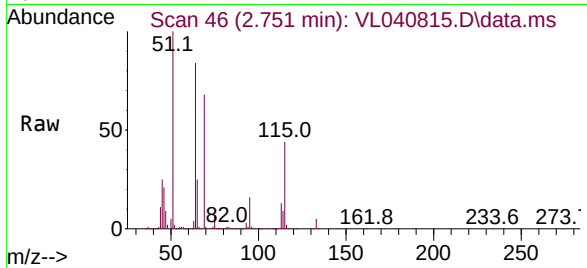




#3
 Chlorodifluoromethane
 Concen: 77.958 ppbv
 RT: 2.751 min Scan# 41
 Delta R.T. 0.036 min
 Lab File: VL040815.D
 Acq: 8 Nov 2023 17:58

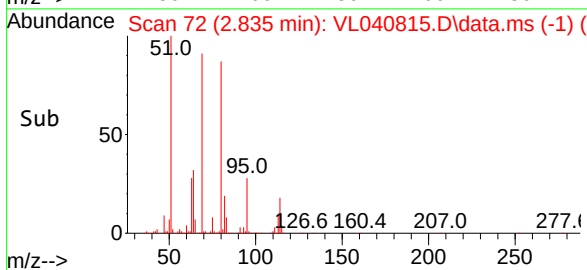
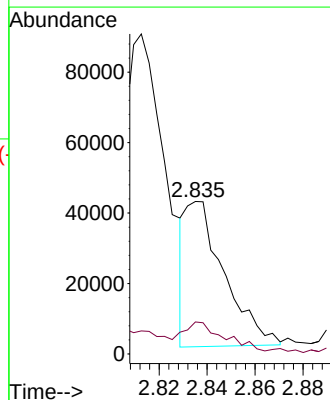
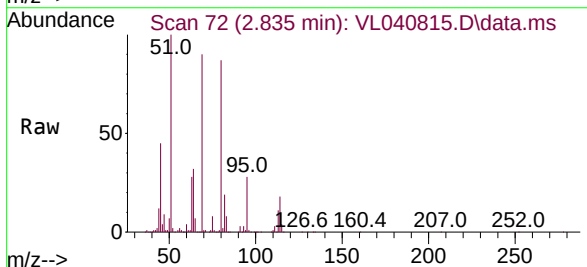
Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

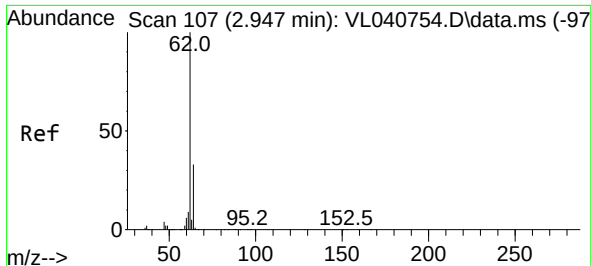
Tgt Ion: 51 Resp:14024406
 Ion Ratio Lower Upper
 51 100
 67 0.1 13.8 20.6#



#4
 Chloromethane
 Concen: 0.651 ppbv
 RT: 2.835 min Scan# 72
 Delta R.T. -0.019 min
 Lab File: VL040815.D
 Acq: 8 Nov 2023 17:58

Tgt Ion: 50 Resp: 46275
 Ion Ratio Lower Upper
 50 100
 52 18.9 25.3 37.9#

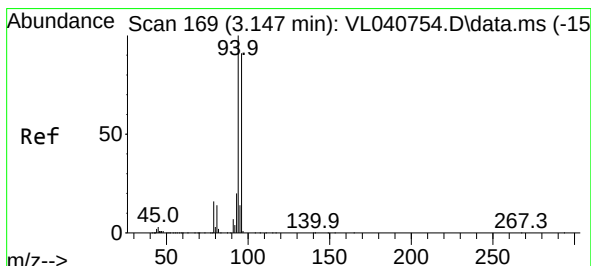
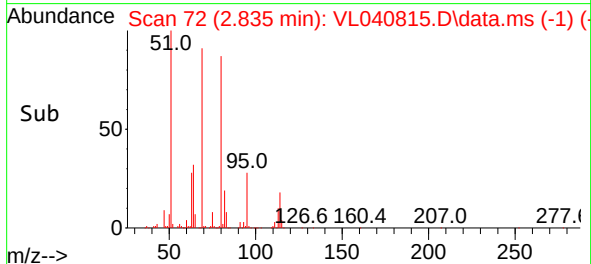
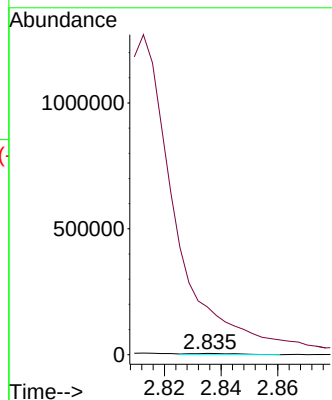
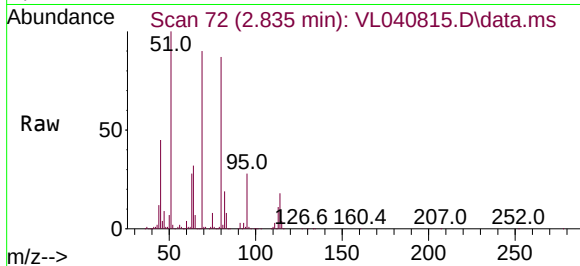




#5
 Vinyl Chloride
 Concen: 0.076 ppbv
 RT: 2.835 min Scan# 71
 Delta R.T. -0.125 min
 Lab File: VL040815.D
 Acq: 8 Nov 2023 17:58

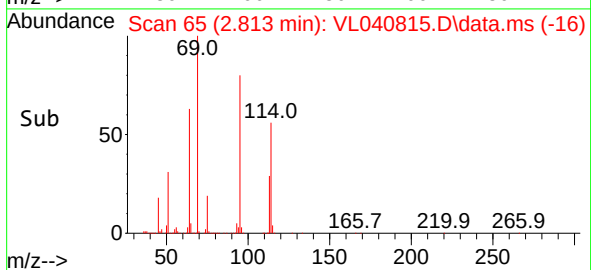
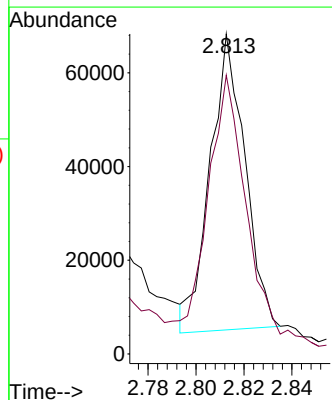
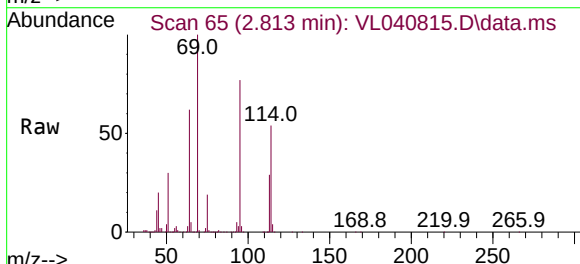
Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

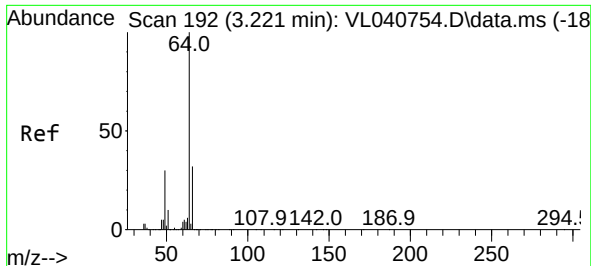
Tgt Ion: 62 Resp: 5608
 Ion Ratio Lower Upper
 62 100
 64 2690.1 26.6 39.8#



#6
 Bromomethane
 Concen: 2.103 ppbv
 RT: 2.813 min Scan# 65
 Delta R.T. -0.344 min
 Lab File: VL040815.D
 Acq: 8 Nov 2023 17:58

Tgt Ion: 94 Resp: 63863
 Ion Ratio Lower Upper
 94 100
 96 88.5 72.6 109.0

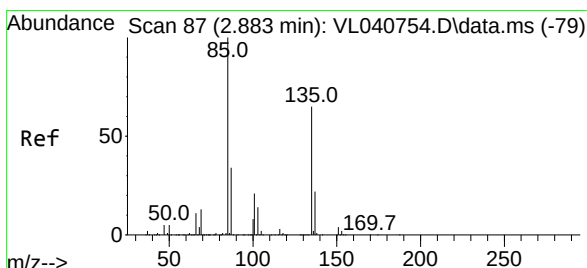
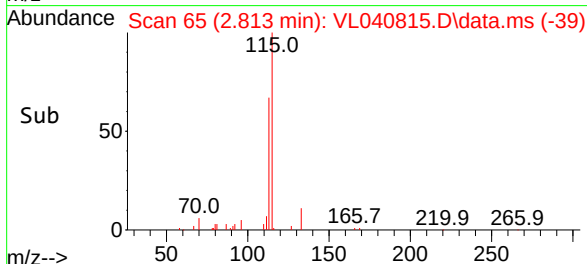
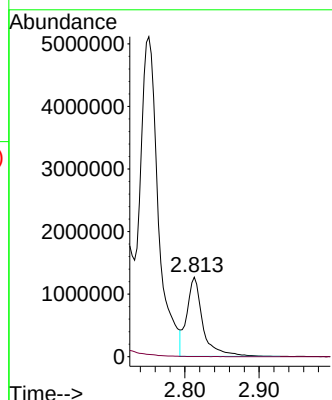
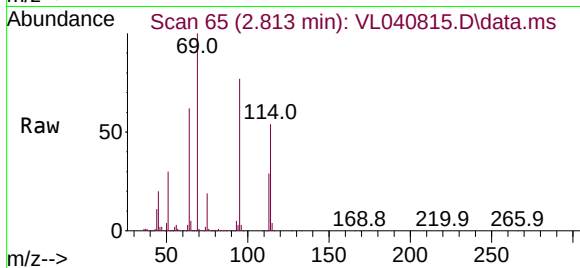




#7
Chloroethane
Concen: 79.298 ppbv
RT: 2.813 min Scan# 61
Delta R.T. -0.418 min
Lab File: VL040815.D
Acq: 8 Nov 2023 17:58

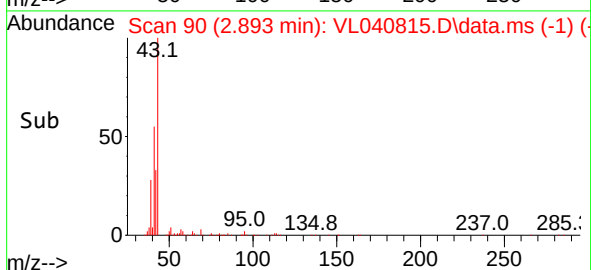
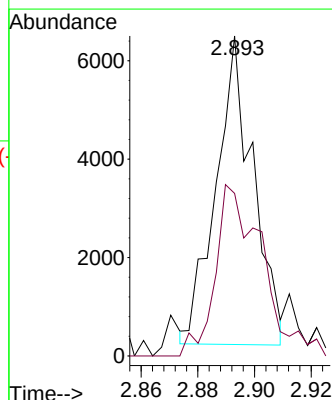
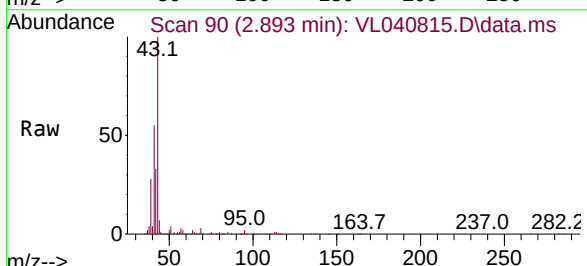
Instrument :
MSVOA_L
ClientSampleId :
SV1

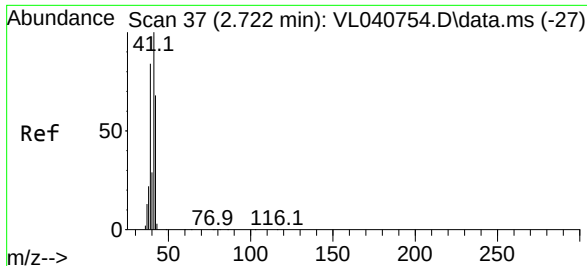
Tgt Ion: 64 Resp: 1894804
Ion Ratio Lower Upper
64 100
66 0.3 25.4 38.2#



#8
Dichlorotetrafluoroethane
Concen: 0.035 ppbv
RT: 2.893 min Scan# 90
Delta R.T. -0.003 min
Lab File: VL040815.D
Acq: 8 Nov 2023 17:58

Tgt Ion: 85 Resp: 5695
Ion Ratio Lower Upper
85 100
135 70.1 55.4 83.2





#9

Propene

Concen: 64.319 ppbv

RT: 2.909 min Scan# 91

Delta R.T. 0.174 min

Lab File: VL040815.D

Acq: 8 Nov 2023 17:58

Instrument :

MSVOA_L

ClientSampleId :

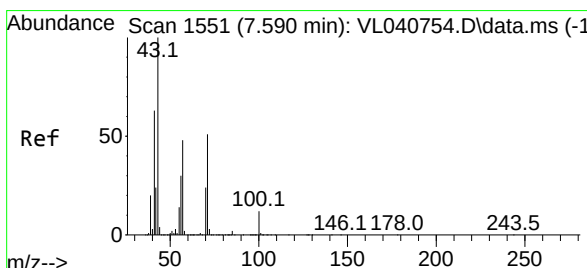
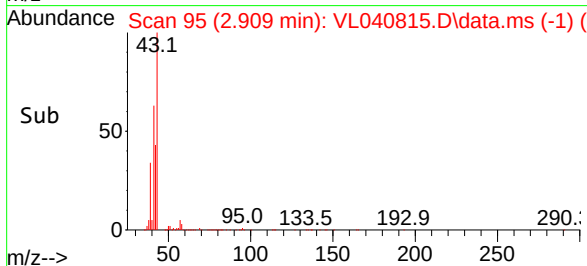
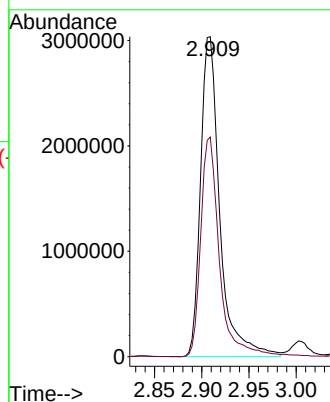
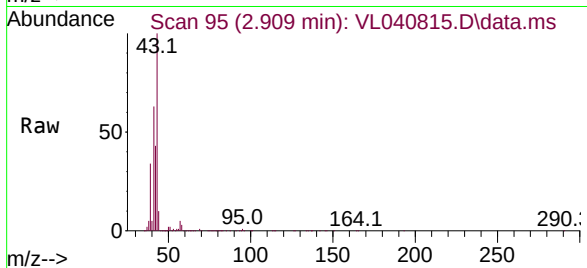
SV1

Tgt Ion: 41 Resp: 4297792

Ion Ratio Lower Upper

41 100

42 67.1 57.1 85.7



#10

Heptane

Concen: 0.074 ppbv

RT: 7.581 min Scan# 1548

Delta R.T. -0.006 min

Lab File: VL040815.D

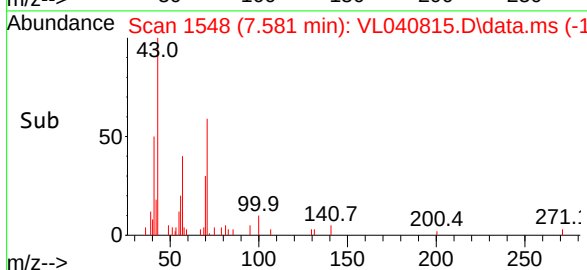
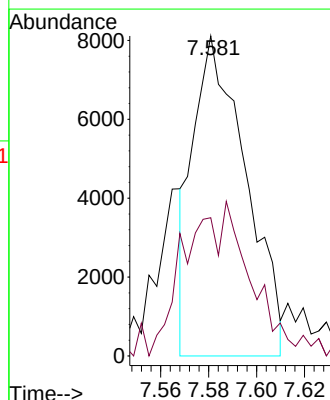
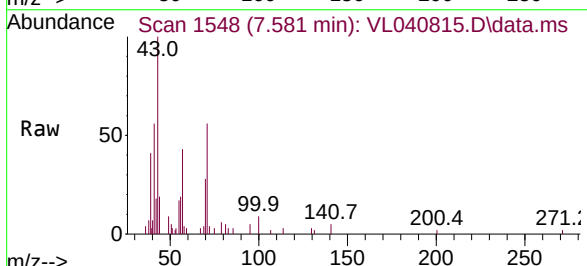
Acq: 8 Nov 2023 17:58

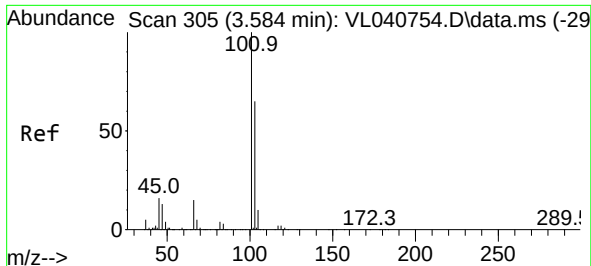
Tgt Ion: 43 Resp: 12377

Ion Ratio Lower Upper

43 100

57 67.1 40.0 60.0#

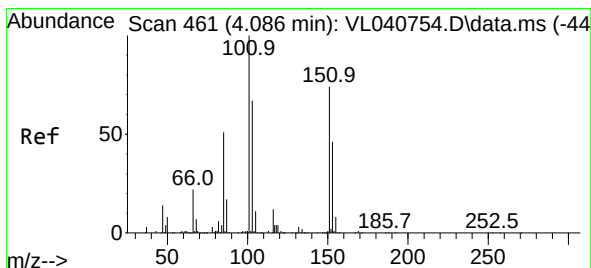
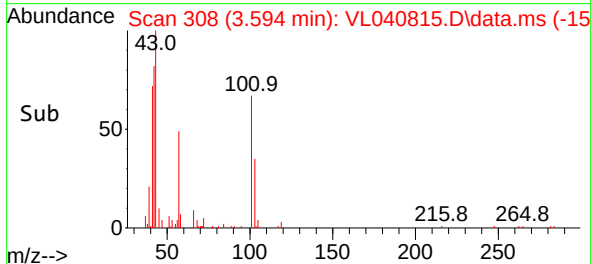
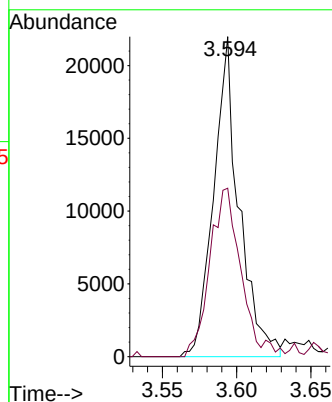
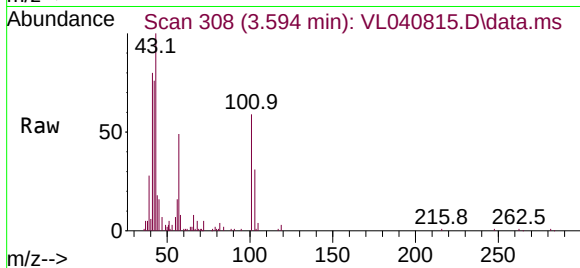




#11
 Trichlorofluoromethane
 Concen: 0.157 ppbv
 RT: 3.594 min Scan# 305
 Delta R.T. 0.000 min
 Lab File: VL040815.D
 Acq: 8 Nov 2023 17:58

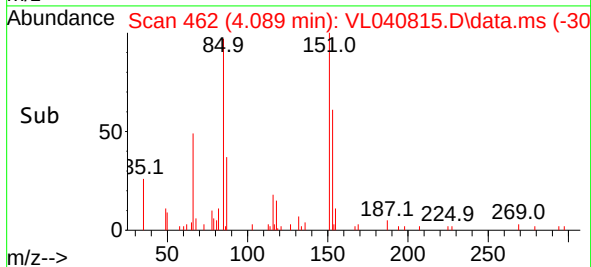
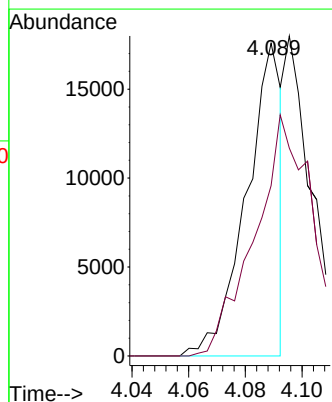
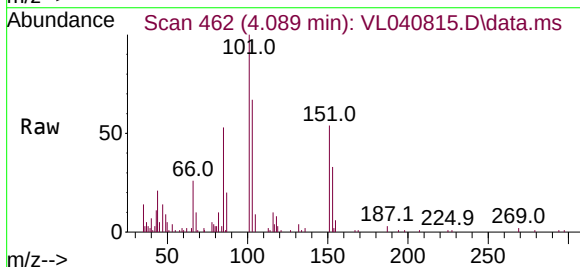
Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

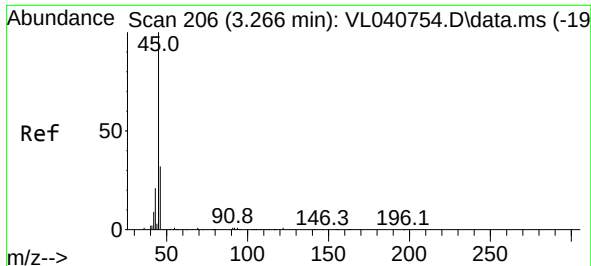
Tgt Ion:101 Resp: 26168
 Ion Ratio Lower Upper
 101 100
 103 53.7 52.2 78.2



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.128 ppbv
 RT: 4.089 min Scan# 462
 Delta R.T. -0.003 min
 Lab File: VL040815.D
 Acq: 8 Nov 2023 17:58

Tgt Ion:101 Resp: 15157
 Ion Ratio Lower Upper
 101 100
 151 0.0 58.1 87.1#

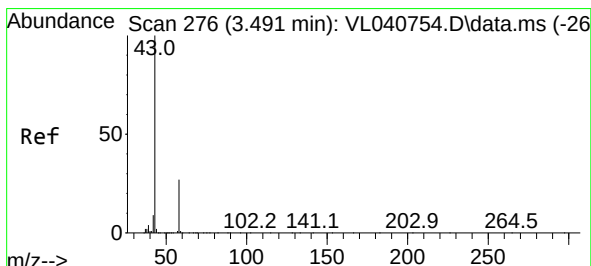
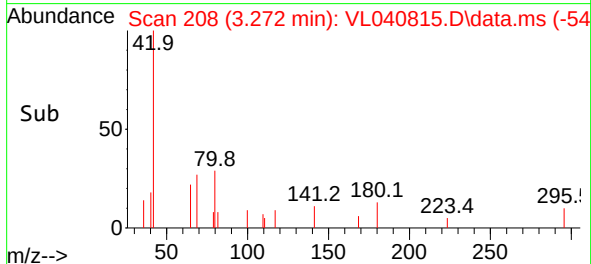
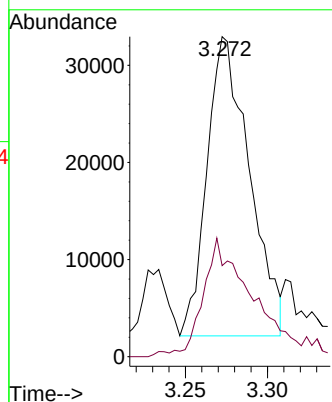
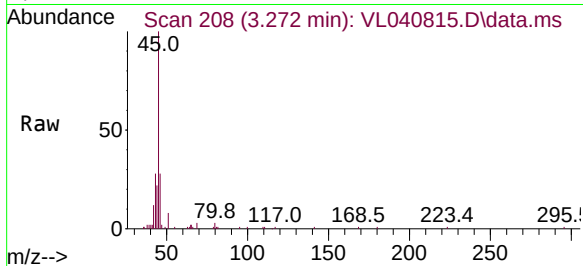




#13
Ethanol
Concen: 3.674 ppbv
RT: 3.272 min Scan# 206
Delta R.T. -0.006 min
Lab File: VL040815.D
Acq: 8 Nov 2023 17:58

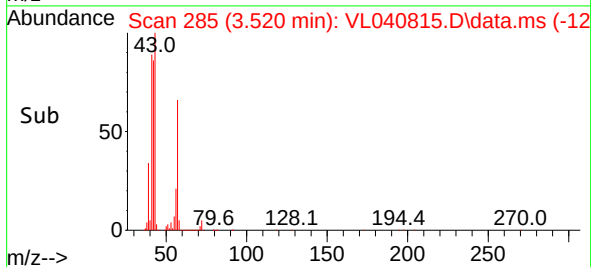
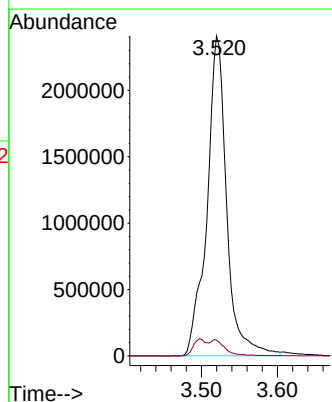
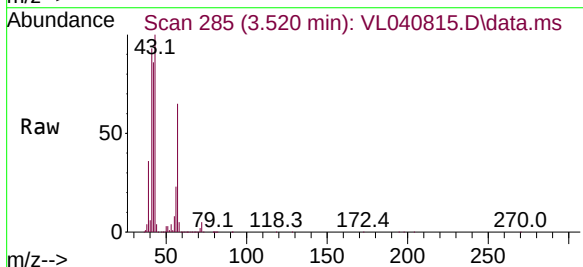
Instrument :
MSVOA_L
ClientSampleId :
SV1

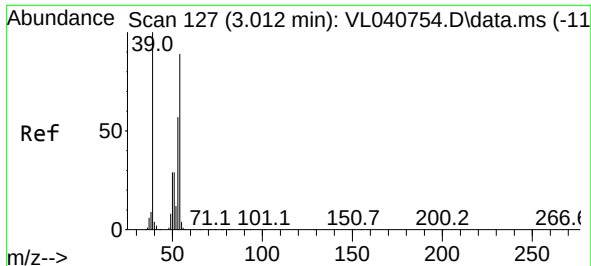
Tgt Ion: 45 Resp: 55420
Ion Ratio Lower Upper
45 100
46 47.2 14.6 58.2



#15
Acetone
Concen: 34.382 ppbv
RT: 3.520 min Scan# 285
Delta R.T. 0.020 min
Lab File: VL040815.D
Acq: 8 Nov 2023 17:58

Tgt Ion: 43 Resp: 4351001
Ion Ratio Lower Upper
43 100
58 7.7 21.6 32.4#

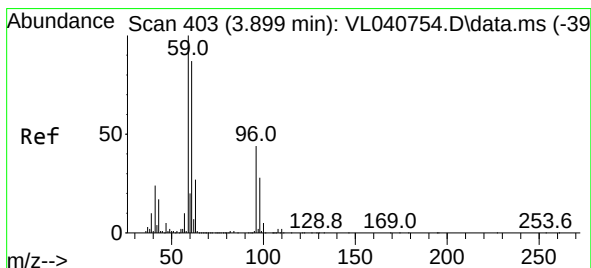
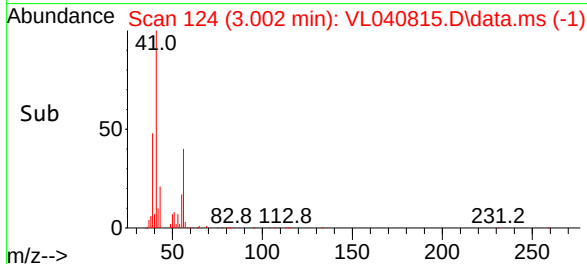
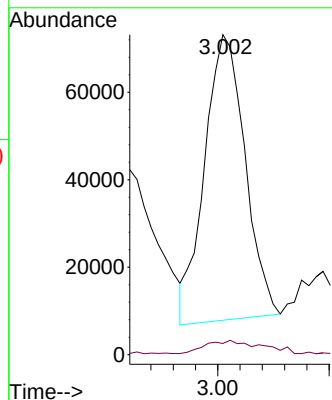
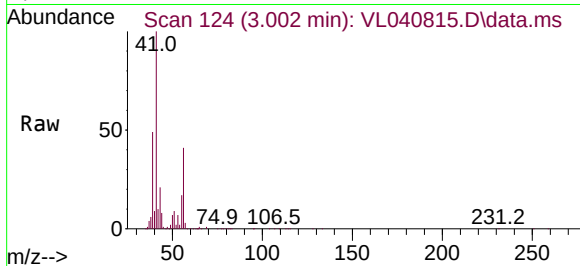




#16
1,3-Butadiene
Concen: 1.239 ppbv
RT: 3.002 min Scan# 11
Delta R.T. -0.019 min
Lab File: VL040815.D
Acq: 8 Nov 2023 17:58

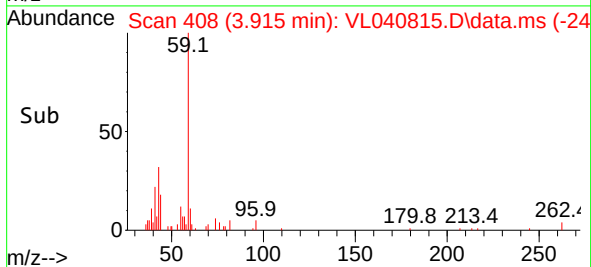
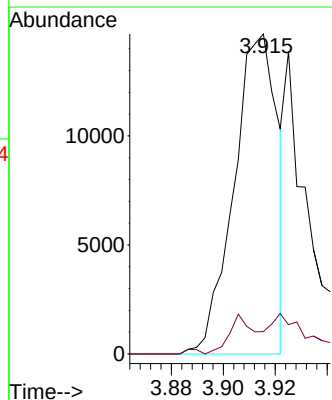
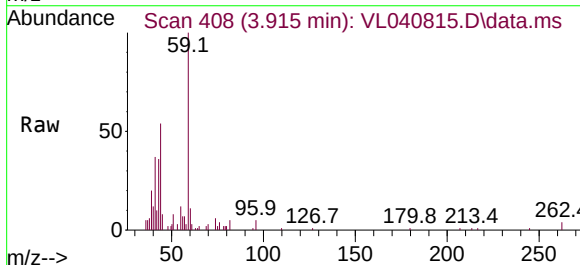
Instrument :
MSVOA_L
ClientSampleId :
SV1

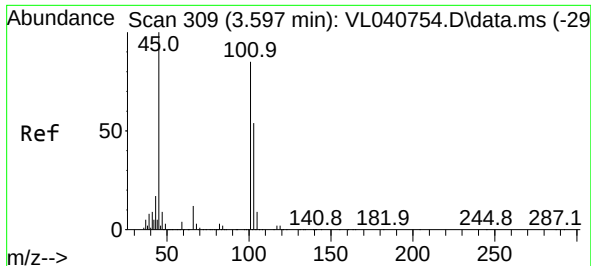
Tgt Ion: 39 Resp: 82263
Ion Ratio Lower Upper
39 100
54 8.0 63.0 94.6#



#17
tert-Butyl alcohol
Concen: 0.131 ppbv
RT: 3.915 min Scan# 408
Delta R.T. 0.010 min
Lab File: VL040815.D
Acq: 8 Nov 2023 17:58

Tgt Ion: 59 Resp: 17005
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#





#19

Isopropyl Alcohol

Concen: 0.681 ppbv

RT: 3.607 min Scan# 312

Delta R.T. 0.000 min

Lab File: VL040815.D

Acq: 8 Nov 2023 17:58

Instrument :

MSVOA_1

ClientSampleId :

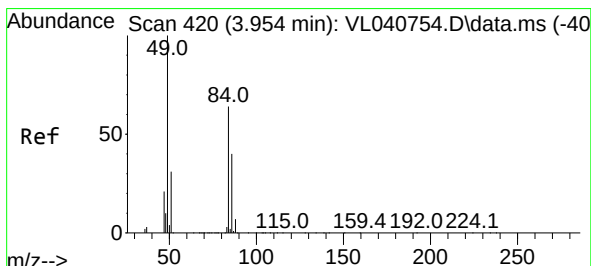
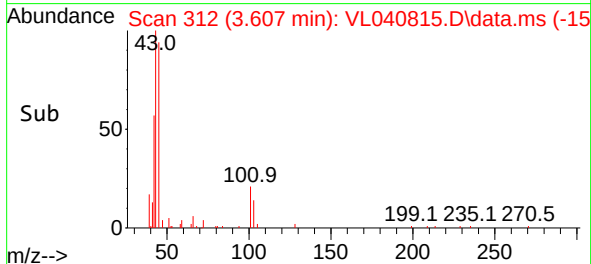
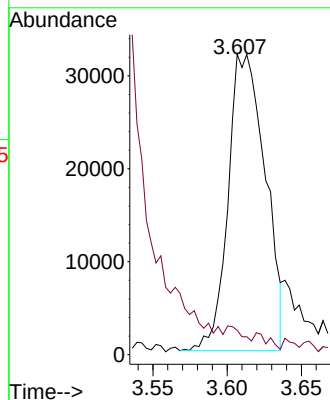
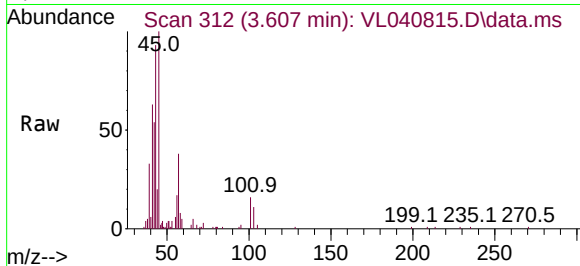
SV1

Tgt Ion: 45 Resp: 55466

Ion Ratio Lower Upper

45 100

58 0.0 30.3 45.5#



#20

Methylene Chloride

Concen: 3.223 ppbv

RT: 3.957 min Scan# 421

Delta R.T. -0.003 min

Lab File: VL040815.D

Acq: 8 Nov 2023 17:58

Tgt Ion: 84 Resp: 169918

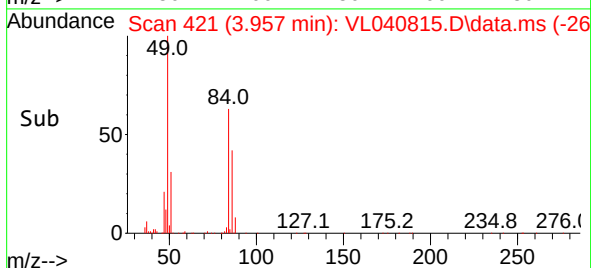
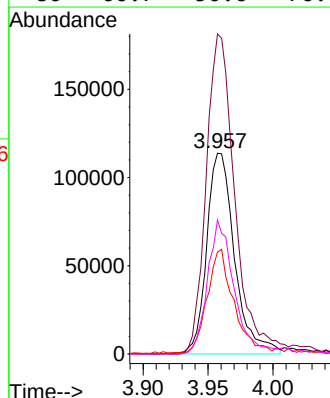
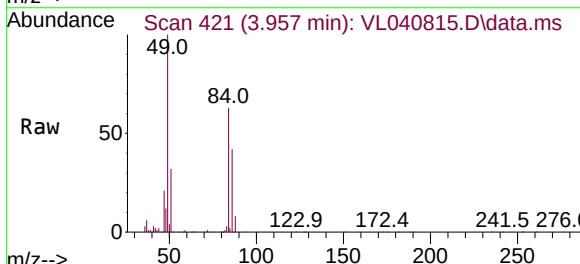
Ion Ratio Lower Upper

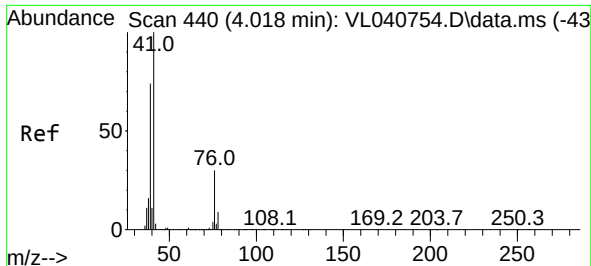
84 100

49 158.1 125.6 188.4

51 50.0 38.9 58.3

86 66.7 50.6 76.0

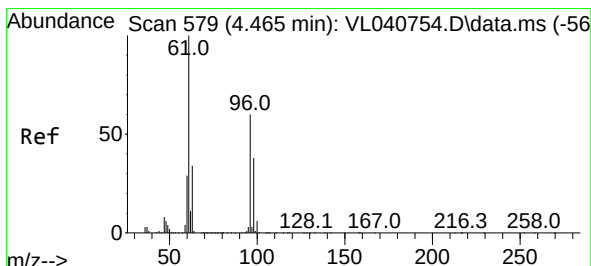
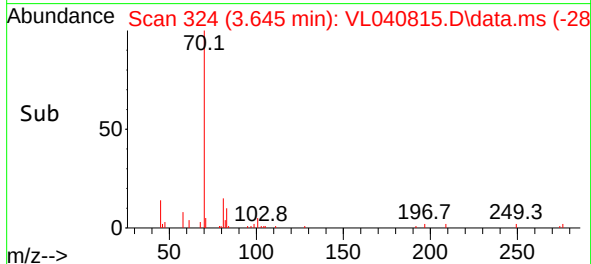
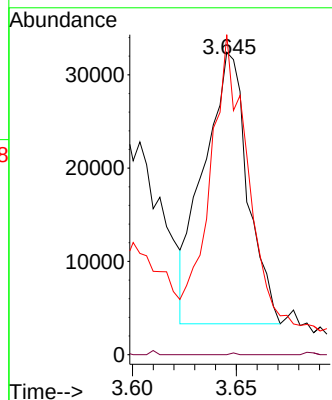
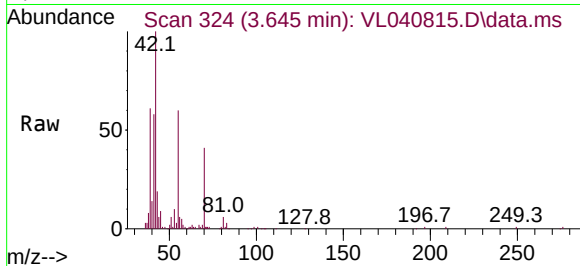




#21
 Allyl Chloride
 Concen: 0.514 ppbv
 RT: 3.645 min Scan# 31
 Delta R.T. -0.376 min
 Lab File: VL040815.D
 Acq: 8 Nov 2023 17:58

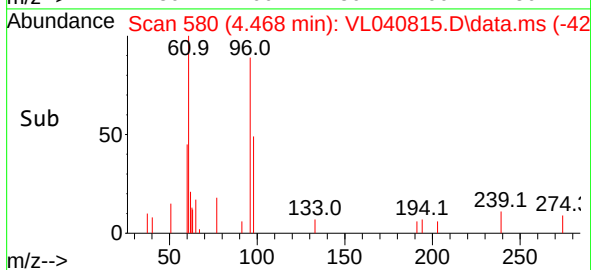
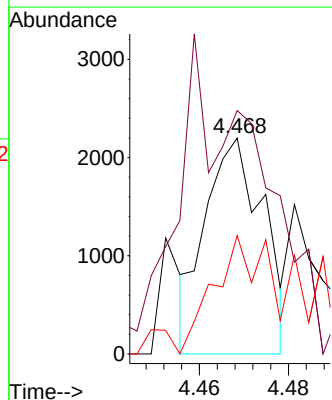
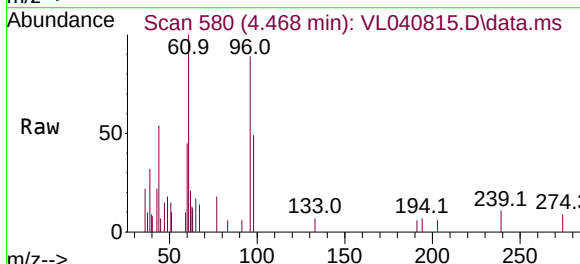
Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

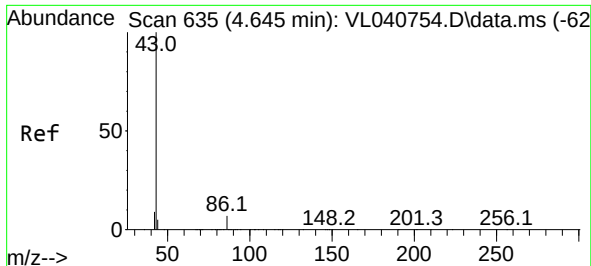
Tgt Ion: 41 Resp: 42863
 Ion Ratio Lower Upper
 41 100
 76 0.0 24.1 36.1#
 39 90.0 63.8 95.6



#22
 trans-1,2-Dichloroethene
 Concen: 0.035 ppbv
 RT: 4.468 min Scan# 580
 Delta R.T. 0.000 min
 Lab File: VL040815.D
 Acq: 8 Nov 2023 17:58

Tgt Ion: 96 Resp: 1993
 Ion Ratio Lower Upper
 96 100
 61 73.4 134.0 201.0#
 98 79.0 51.0 76.4#

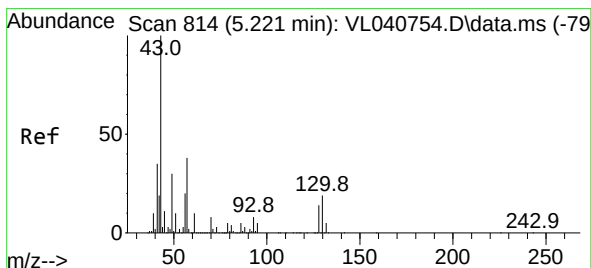
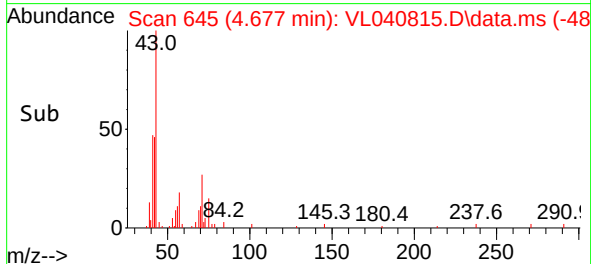
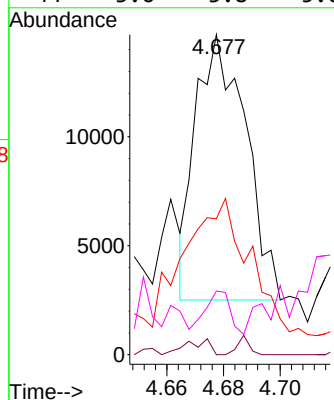
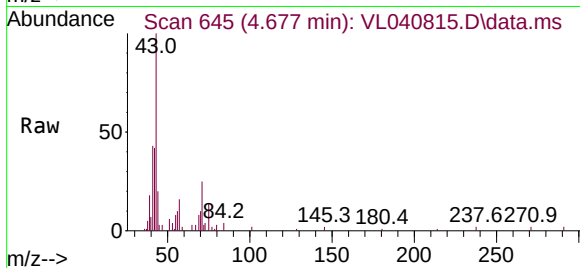




#23
 Vinyl Acetate
 Concen: 0.092 ppbv
 RT: 4.677 min Scan# 645
 Delta R.T. 0.029 min
 Lab File: VL040815.D
 Acq: 8 Nov 2023 17:58

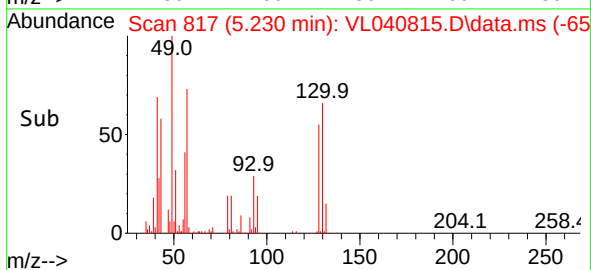
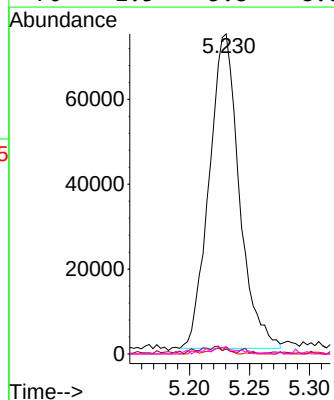
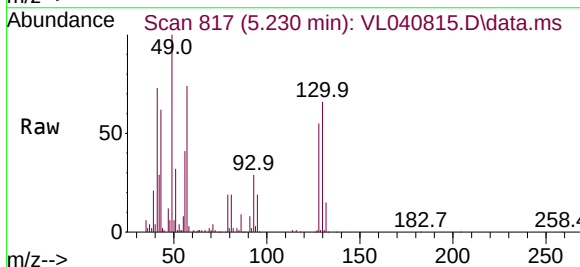
Instrument :
 MSVOA_1
 ClientSampleId :
 SV1

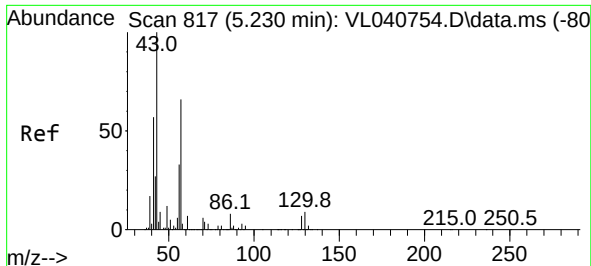
Tgt Ion:	43	Resp:	14886
Ion	Ratio	Lower	Upper
43	100		
86	0.0	4.9	7.3#
42	37.7	7.8	11.6#
44	3.6	3.8	5.6#



#25
 Ethyl Acetate
 Concen: 0.467 ppbv
 RT: 5.230 min Scan# 817
 Delta R.T. 0.010 min
 Lab File: VL040815.D
 Acq: 8 Nov 2023 17:58

Tgt Ion:	43	Resp:	129465
Ion	Ratio	Lower	Upper
43	100		
45	3.6	8.2	12.4#
61	1.5	8.2	12.2#
70	2.5	5.8	8.6#

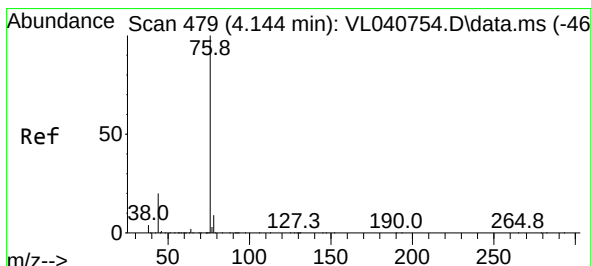
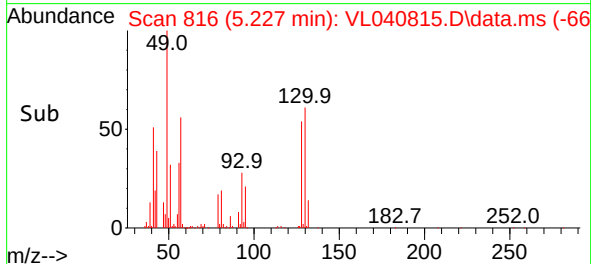
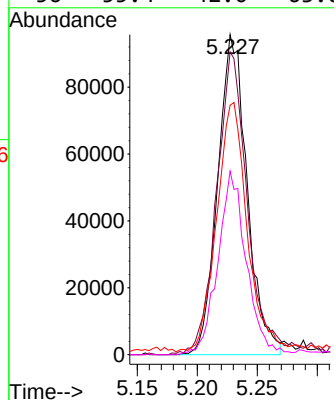
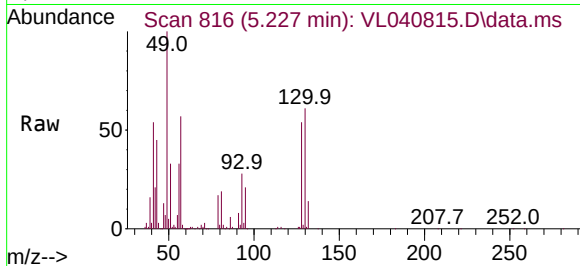




#26
Hexane
Concen: 1.288 ppbv
RT: 5.227 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL040815.D
Acq: 8 Nov 2023 17:58

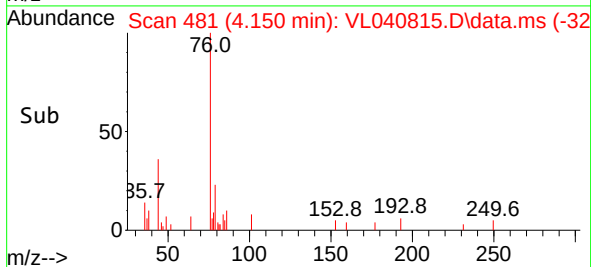
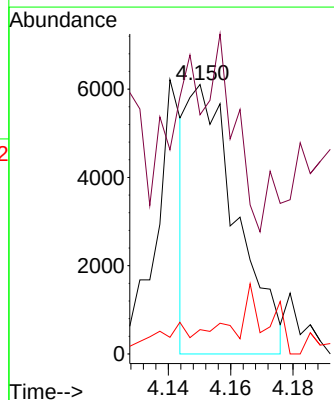
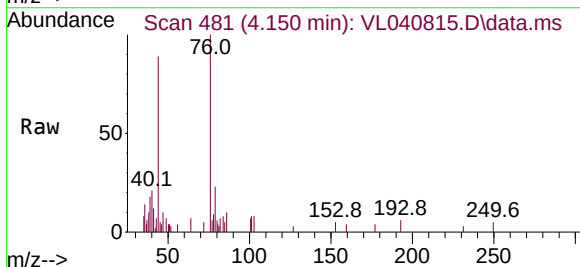
Instrument :
MSVOA_L
ClientSampleId :
SV1

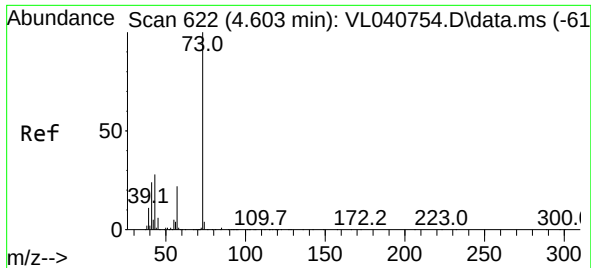
Tgt Ion: 57 Resp: 163212
Ion Ratio Lower Upper
57 100
41 102.3 71.4 107.2
43 84.1 182.3 273.5#
56 55.4 42.0 63.0



#27
Carbon Disulfide
Concen: 0.048 ppbv
RT: 4.150 min Scan# 481
Delta R.T. 0.000 min
Lab File: VL040815.D
Acq: 8 Nov 2023 17:58

Tgt Ion: 76 Resp: 6662
Ion Ratio Lower Upper
76 100
44 166.9 16.6 25.0#
78 0.0 7.8 11.6#

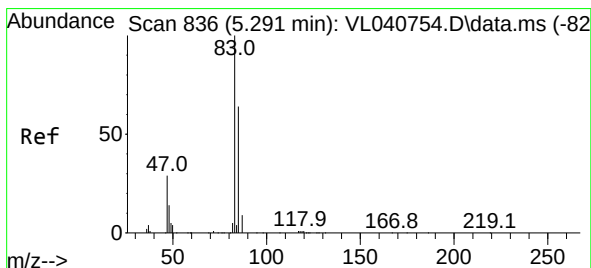
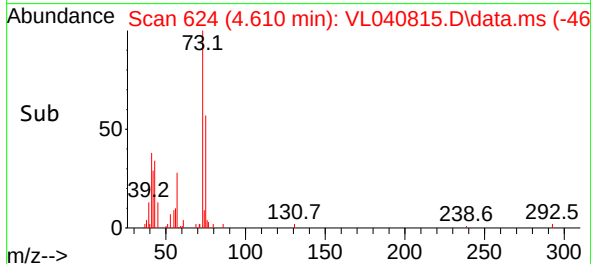
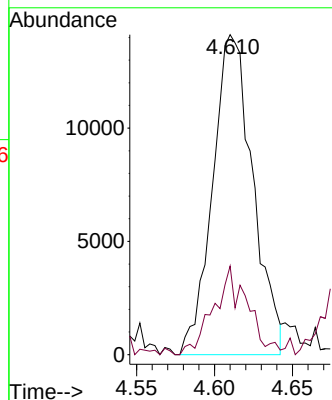
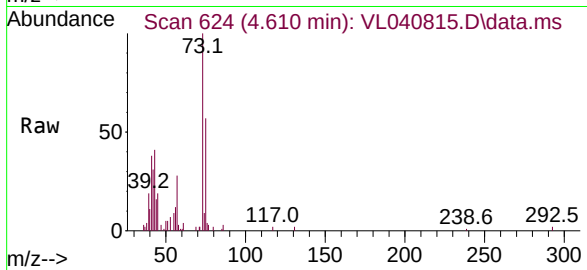




#28
Methyl tert-Butyl Ether
Concen: 0.258 ppbv
RT: 4.610 min Scan# 61
Delta R.T. 0.000 min
Lab File: VL040815.D
Acq: 8 Nov 2023 17:58

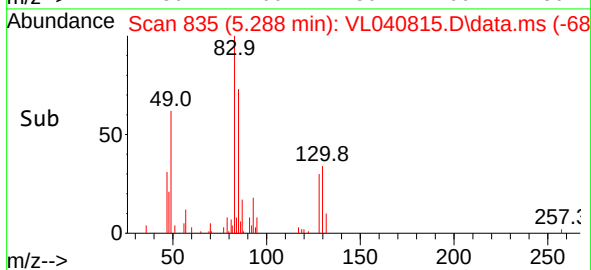
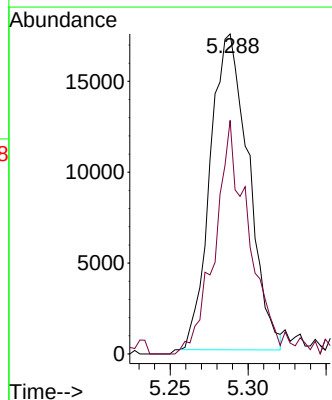
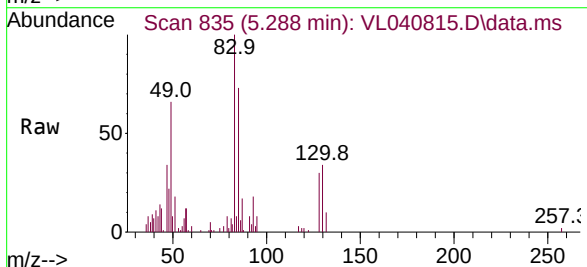
Instrument :
MSVOA_L
ClientSampleId :
SV1

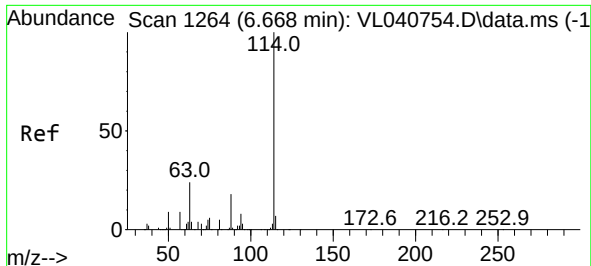
Tgt Ion: 73 Resp: 25396
Ion Ratio Lower Upper
73 100
57 20.6 18.9 28.3



#29
Chloroform
Concen: 0.162 ppbv
RT: 5.288 min Scan# 835
Delta R.T. -0.003 min
Lab File: VL040815.D
Acq: 8 Nov 2023 17:58

Tgt Ion: 83 Resp: 29685
Ion Ratio Lower Upper
83 100
85 72.6 51.3 76.9





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.661 min Scan# 1

Delta R.T. -0.003 min

Lab File: VL040815.D

Acq: 8 Nov 2023 17:58

Instrument :

MSVOA_L

ClientSampleId :

SV1

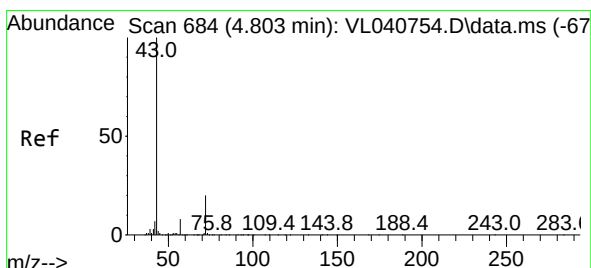
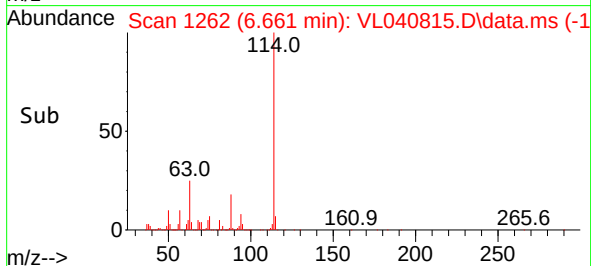
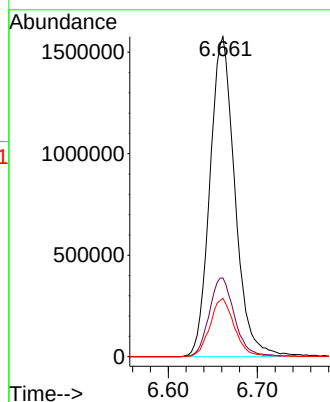
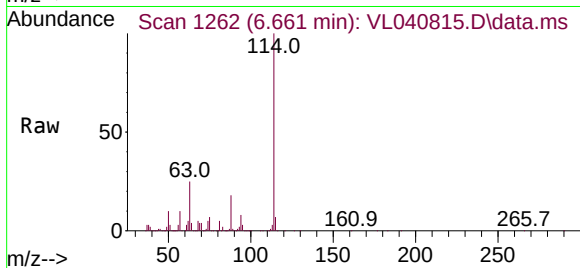
Tgt Ion:114 Resp: 3059614

Ion Ratio Lower Upper

114 100

63 25.3 19.8 29.6

88 18.0 14.2 21.2



#34

2-Butanone

Concen: 8.513 ppbv

RT: 4.803 min Scan# 684

Delta R.T. -0.003 min

Lab File: VL040815.D

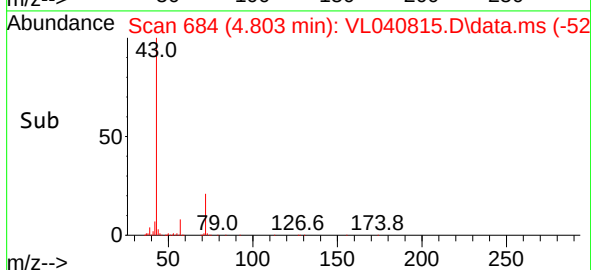
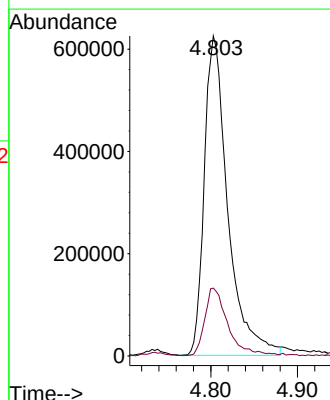
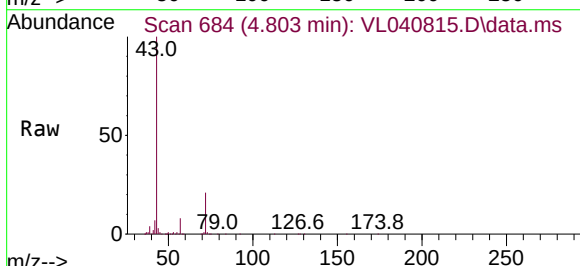
Acq: 8 Nov 2023 17:58

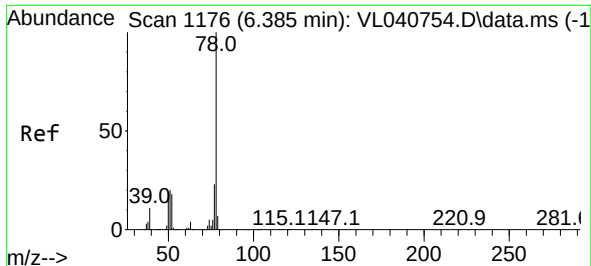
Tgt Ion: 43 Resp: 1178924

Ion Ratio Lower Upper

43 100

72 21.2 16.8 25.2

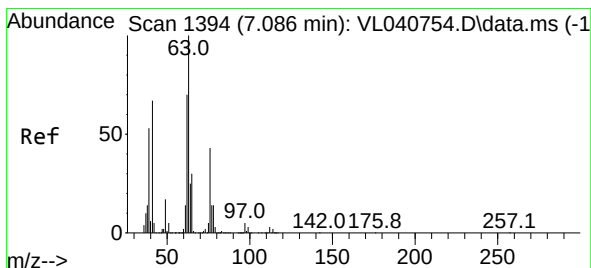
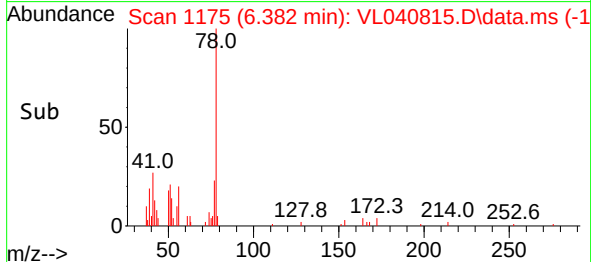
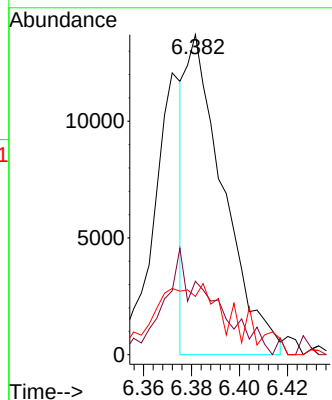
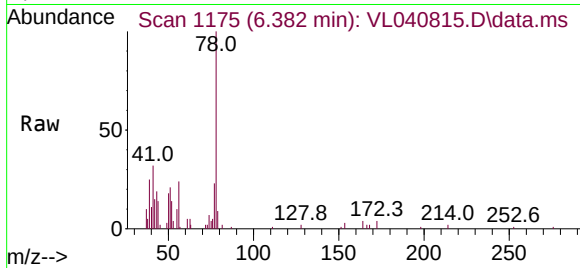




#36
Benzene
Concen: 0.064 ppbv
RT: 6.382 min Scan# 1176
Delta R.T. 0.000 min
Lab File: VL040815.D
Acq: 8 Nov 2023 17:58

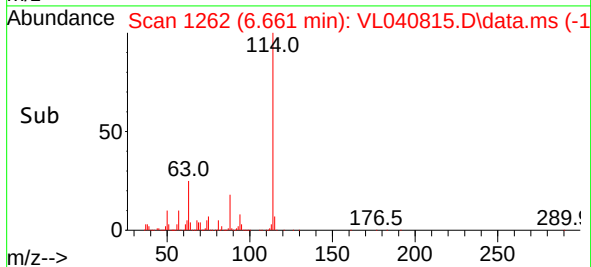
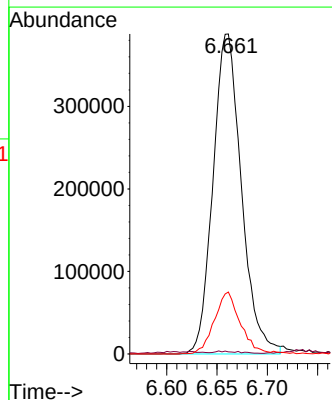
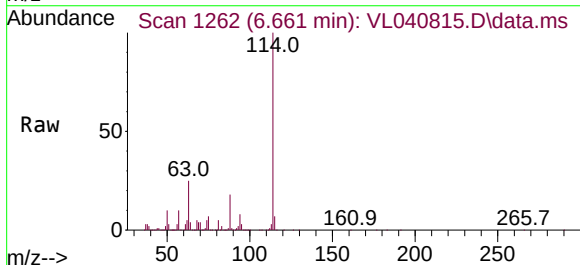
Instrument :
MSVOA_L
ClientSampleId :
SV1

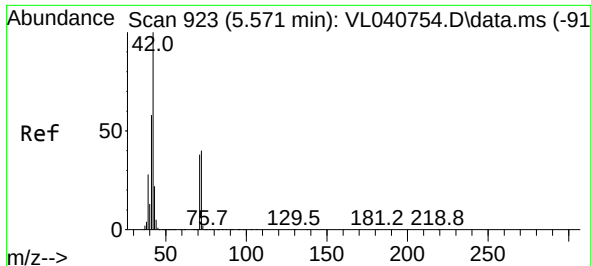
Tgt Ion: 78 Resp: 15008
Ion Ratio Lower Upper
78 100
77 18.5 18.4 27.6
50 13.7 15.0 22.4#



#39
1,2-Dichloropropane
Concen: 8.276 ppbv
RT: 6.661 min Scan# 1262
Delta R.T. -0.421 min
Lab File: VL040815.D
Acq: 8 Nov 2023 17:58

Tgt Ion: 63 Resp: 760876
Ion Ratio Lower Upper
63 100
41 0.2 53.7 80.5#
62 19.3 55.7 83.5#

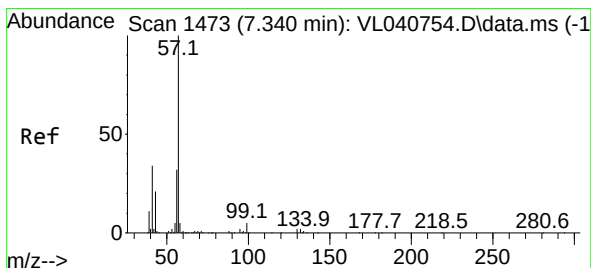
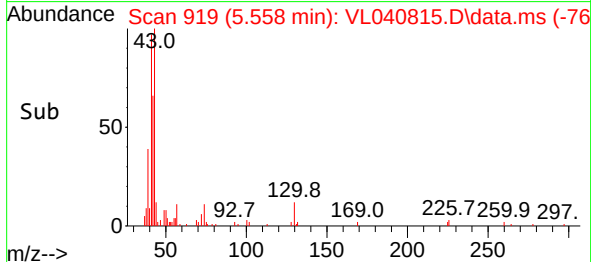
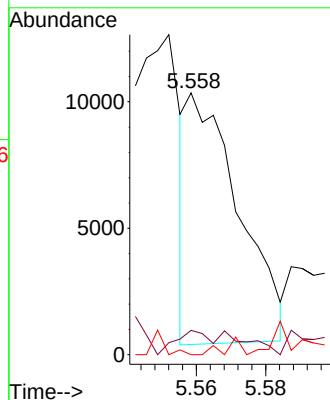
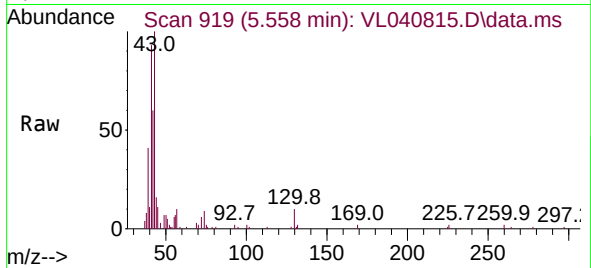




#41
Tetrahydrofuran
Concen: 0.107 ppbv
RT: 5.558 min Scan# 91
Delta R.T. -0.013 min
Lab File: VL040815.D
Acq: 8 Nov 2023 17:58

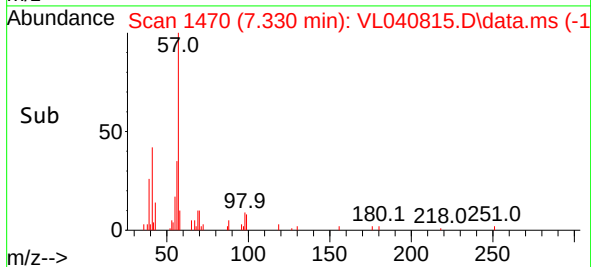
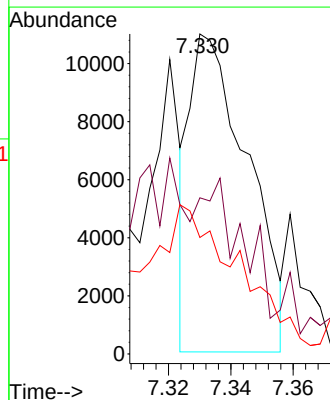
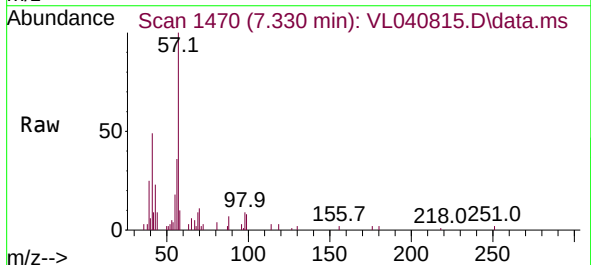
Instrument :
MSVOA_L
ClientSampleId :
SV1

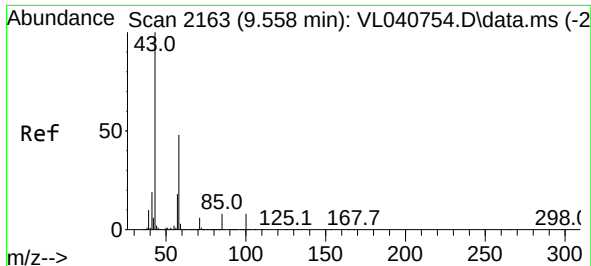
Tgt Ion: 42 Resp: 10304
Ion Ratio Lower Upper
42 100
72 0.0 31.1 46.7#
71 0.0 29.7 44.5#



#44
2,2,4-Trimethylpentane
Concen: 0.036 ppbv
RT: 7.330 min Scan# 1470
Delta R.T. -0.003 min
Lab File: VL040815.D
Acq: 8 Nov 2023 17:58

Tgt Ion: 57 Resp: 14169
Ion Ratio Lower Upper
57 100
41 0.0 27.4 41.0#
56 0.0 25.0 37.6#

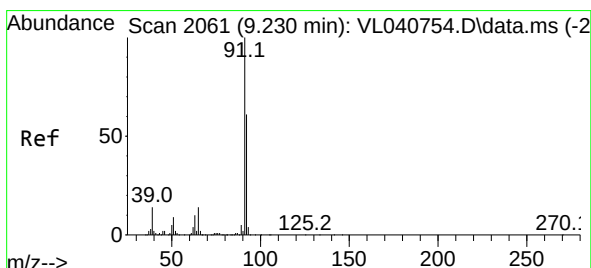
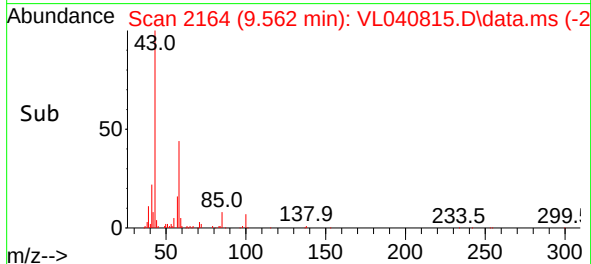
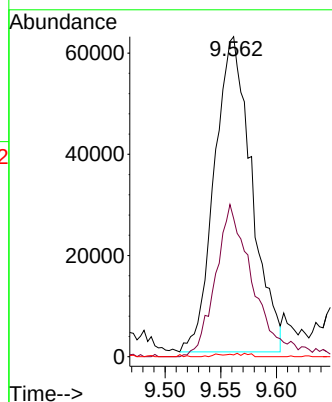
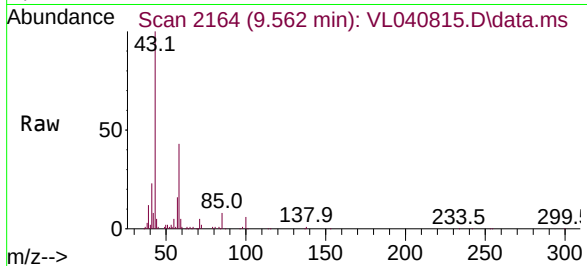




#51
2-Hexanone
Concen: 0.804 ppbv
RT: 9.562 min Scan# 2163
Delta R.T. 0.013 min
Lab File: VL040815.D
Acq: 8 Nov 2023 17:58

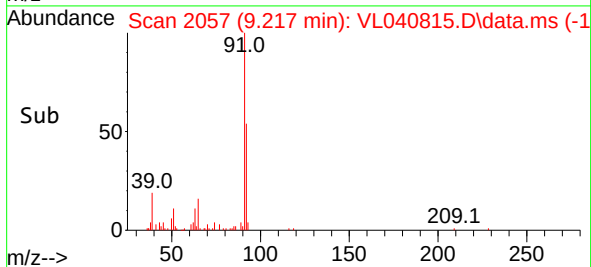
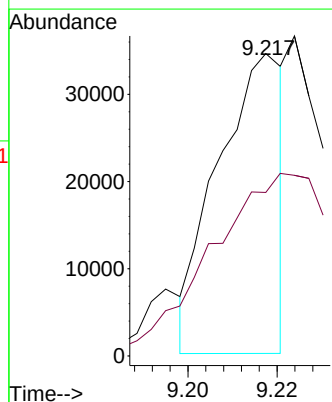
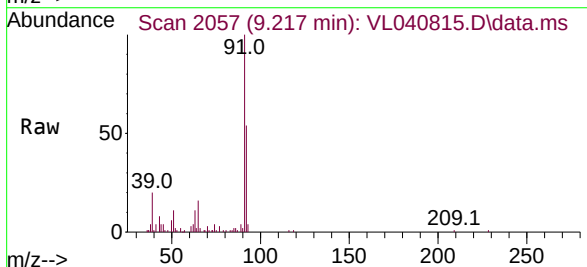
Instrument :
MSVOA_L
ClientSampleId :
SV1

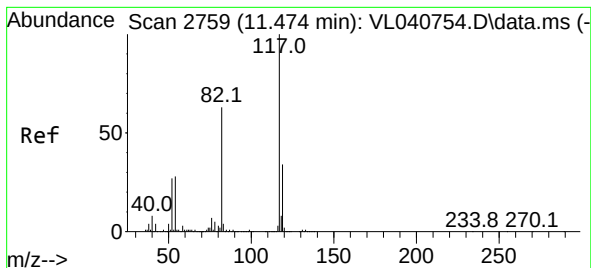
Tgt Ion: 43 Resp: 144920
Ion Ratio Lower Upper
43 100
58 49.2 38.6 58.0
98 0.8 0.0 0.0#



#53
Toluene
Concen: 0.124 ppbv
RT: 9.217 min Scan# 2057
Delta R.T. -0.003 min
Lab File: VL040815.D
Acq: 8 Nov 2023 17:58

Tgt Ion: 91 Resp: 34812
Ion Ratio Lower Upper
91 100
92 0.0 50.2 75.2#

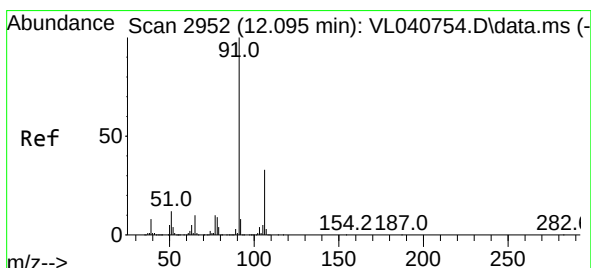
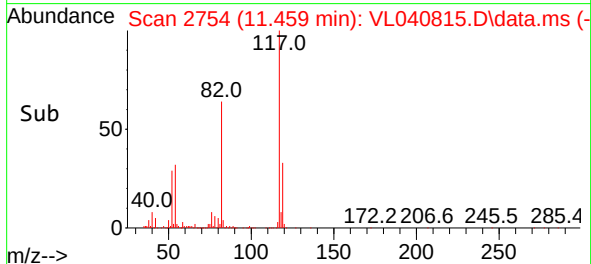
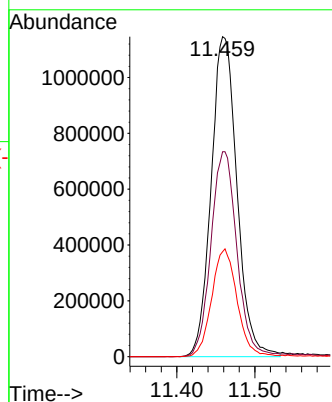
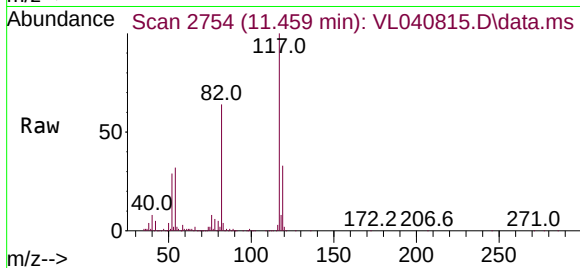




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.459 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL040815.D
Acq: 8 Nov 2023 17:58

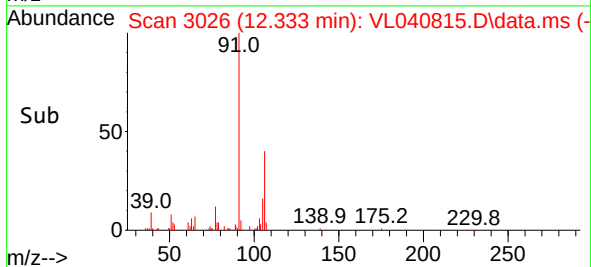
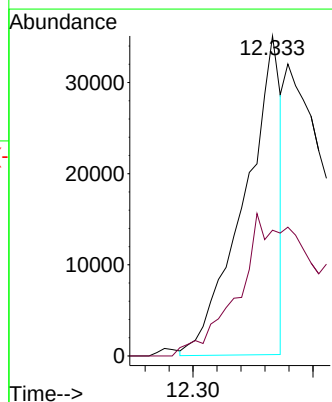
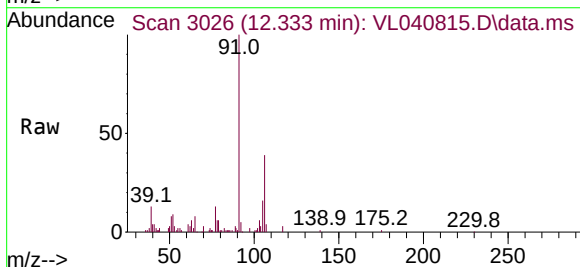
Instrument :
MSVOA_L
ClientSampleId :
SV1

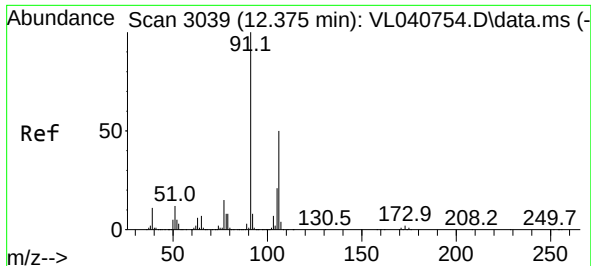
Tgt Ion:117 Resp: 2642326
Ion Ratio Lower Upper
117 100
82 65.6 46.6 70.0
119 33.4 26.0 39.0



#58
Ethyl Benzene
Concen: 0.111 ppbv
RT: 12.333 min Scan# 3026
Delta R.T. 0.251 min
Lab File: VL040815.D
Acq: 8 Nov 2023 17:58

Tgt Ion: 91 Resp: 37061
Ion Ratio Lower Upper
91 100
106 37.3 26.7 40.1





#59

m/p-Xylene

Concen: 0.088 ppbv

RT: 12.359 min Scan# 3034

Delta R.T. -0.009 min

Lab File: VL040815.D

Acq: 8 Nov 2023 17:58

Instrument :

MSVOA_L

ClientSampleId :

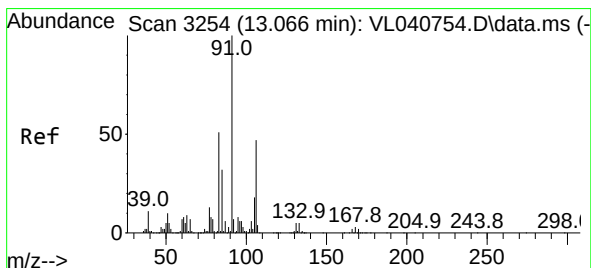
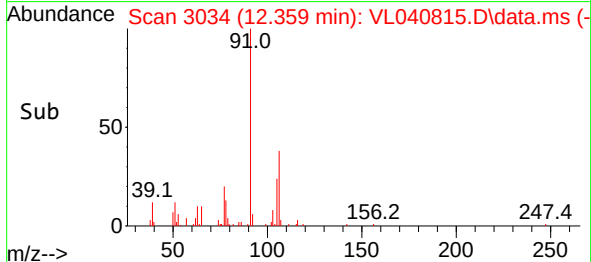
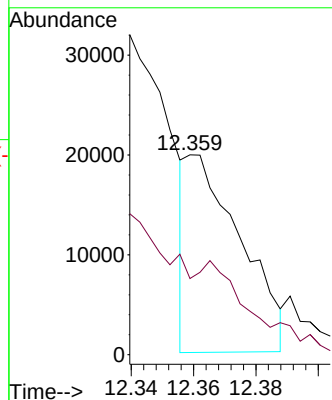
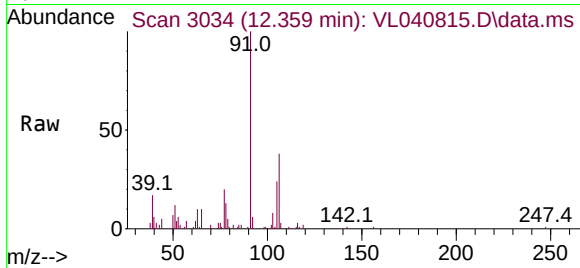
SV1

Tgt Ion: 91 Resp: 24016

Ion Ratio Lower Upper

91 100

106 0.0 37.7 56.5#



#60

o-Xylene

Concen: 0.127 ppbv

RT: 13.053 min Scan# 3250

Delta R.T. 0.000 min

Lab File: VL040815.D

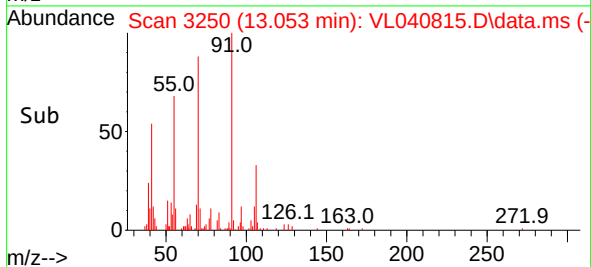
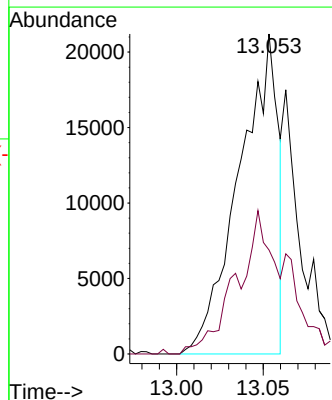
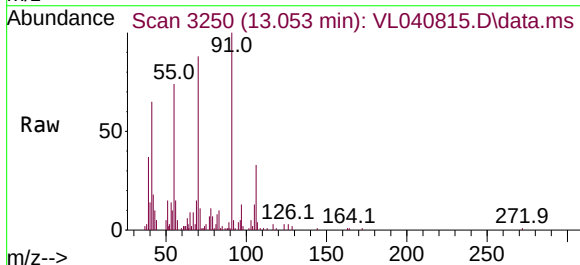
Acq: 8 Nov 2023 17:58

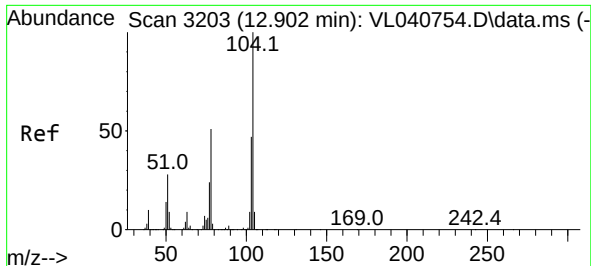
Tgt Ion: 91 Resp: 33034

Ion Ratio Lower Upper

91 100

106 57.9 23.5 70.5





#61

Styrene

Concen: 0.031 ppbv

RT: 12.889 min Scan# 3199

Delta R.T. -0.003 min

Lab File: VL040815.D

Acq: 8 Nov 2023 17:58

Instrument :

MSVOA_L

ClientSampleId :

SV1

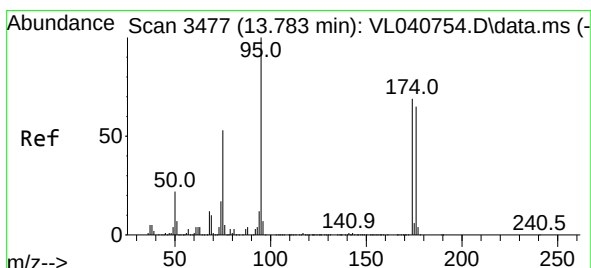
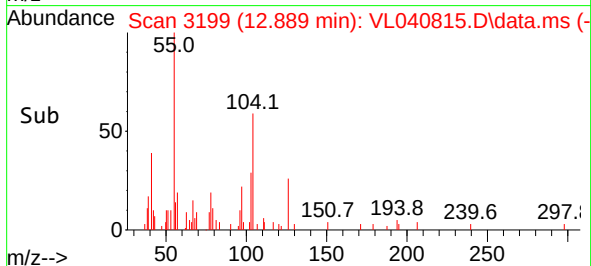
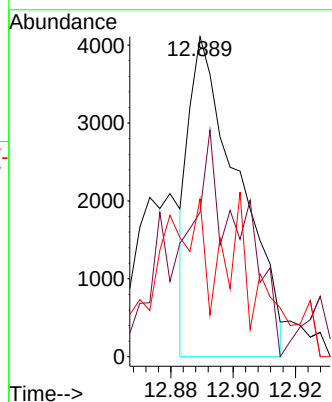
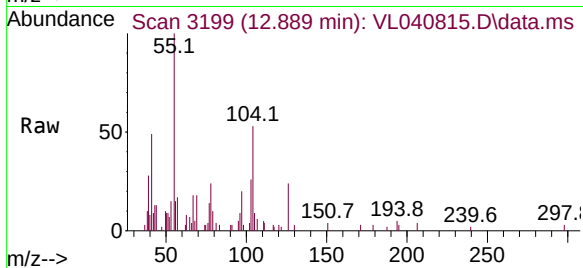
Tgt Ion:104 Resp: 4553

Ion Ratio Lower Upper

104 100

78 99.8 39.8 59.6#

103 85.7 37.5 56.3#



#68

1-Bromo-4-Fluorobenzene

Concen: 10.174 ppbv

RT: 13.770 min Scan# 3473

Delta R.T. 0.000 min

Lab File: VL040815.D

Acq: 8 Nov 2023 17:58

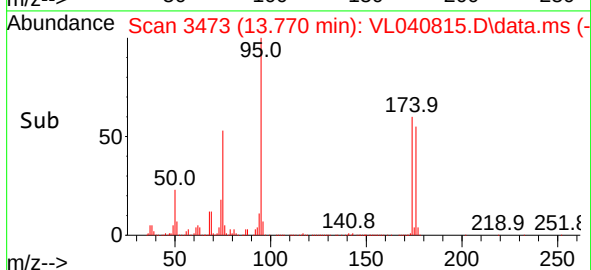
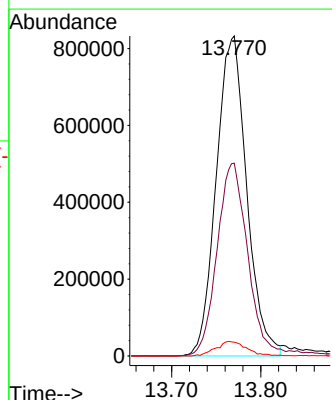
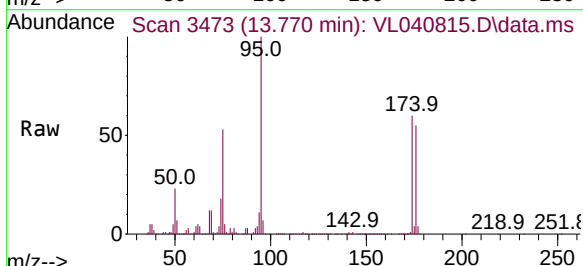
Tgt Ion: 95 Resp: 1978036

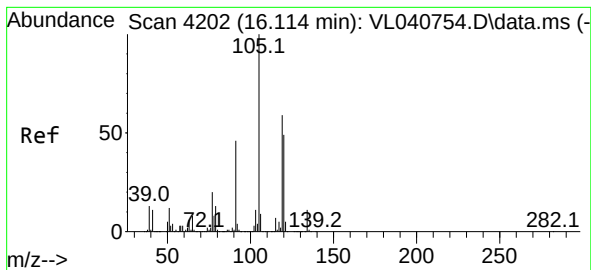
Ion Ratio Lower Upper

95 100

174 62.5 54.7 82.1

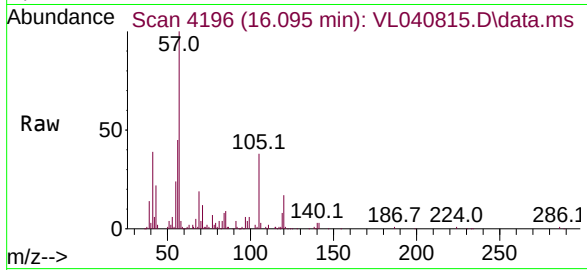
175 4.7 4.2 6.4





#74
 1,2,4-Trimethylbenzene
 Concen: 0.091 ppbv
 RT: 16.095 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VL040815.D
 Acq: 8 Nov 2023 17:58

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1



Tgt Ion:105 Resp: 26783
 Ion Ratio Lower Upper
 105 100
 120 44.0 39.4 59.2
 91 5.6 38.6 58.0#
 77 3.4 16.6 25.0#

