

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042524\
 Data File : VL041169.D
 Acq On : 25 Apr 2024 13:56
 Operator : SY/MD
 Sample : P2253-01 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

Quant Time: Apr 26 03:12:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL040424AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Apr 26 03:09:28 2024
 Response via : Initial Calibration

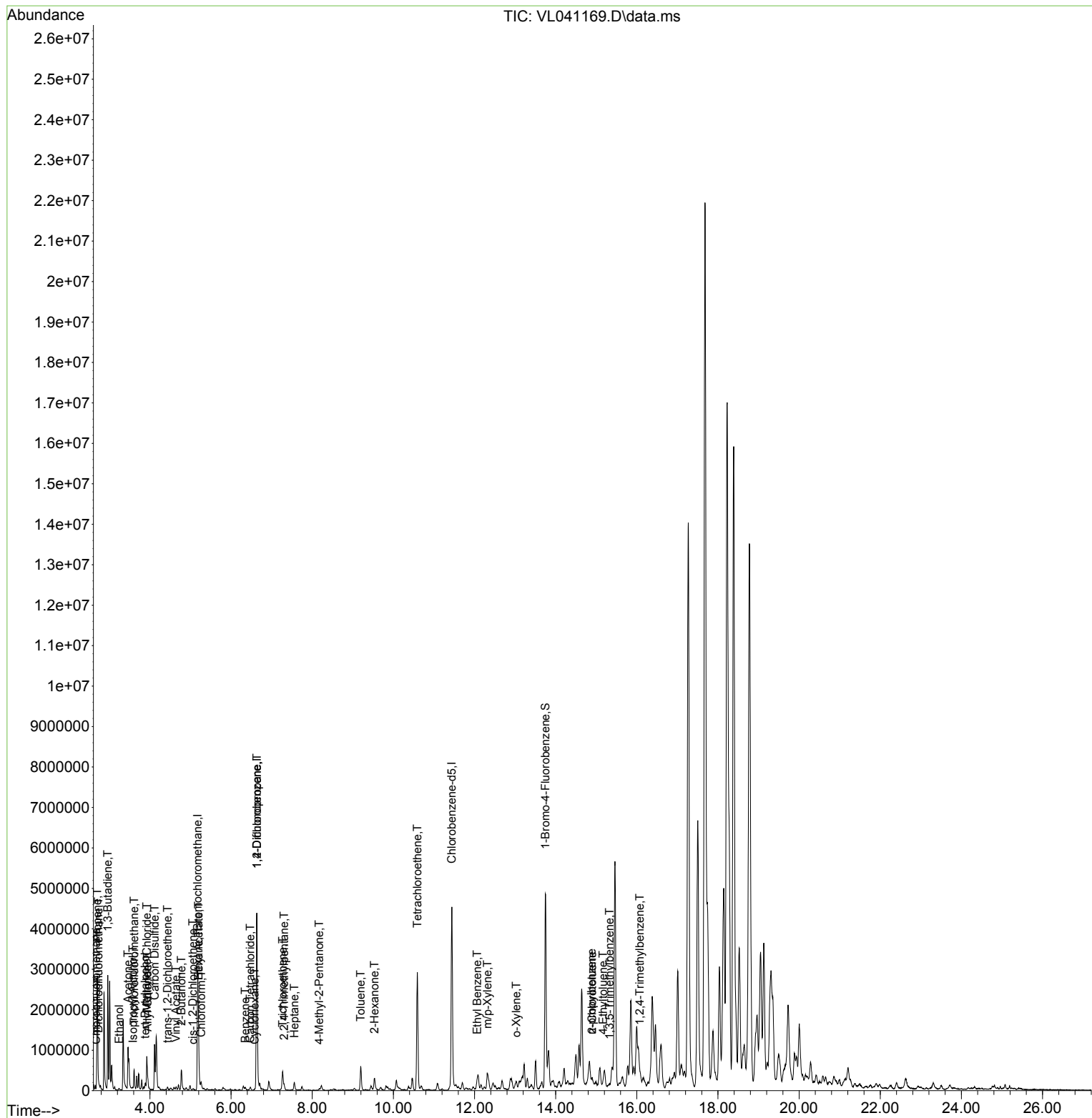
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.176	49	1281652	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.636	114	3423313	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.439	117	3117362	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.748	95	2452912	9.785	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.729	85	29689	0.135	ppbv	90
3) Chlorodifluoromethane	2.671	51	21730	0.110	ppbv #	87
9) Propene	2.700	41	887411	14.132	ppbv #	74
10) Heptane	7.558	43	55174	0.370	ppbv #	58
11) Trichlorofluoromethane	3.610	101	10471	0.053	ppbv	87
13) Ethanol	3.240	45	45351	3.036	ppbv	90
15) Acetone	3.462	43	1166309	8.404	ppbv #	87
16) 1,3-Butadiene	2.960	39	727156	10.674	ppbv #	14
17) tert-Butyl alcohol	3.883	59	13606	0.108	ppbv #	71
19) Isopropyl Alcohol	3.581	45	31398	0.372	ppbv #	89
20) Methylene Chloride	3.925	84	248825	4.347	ppbv	91
21) Allyl Chloride	3.944	41	35485	0.420	ppbv #	76
22) trans-1,2-Dichloroethene	4.436	96	22164	0.344	ppbv #	75
23) Vinyl Acetate	4.642	43	31487	0.222	ppbv #	50
25) Ethyl Acetate	5.198	43	280383	1.076	ppbv #	78
26) Hexane	5.198	57	378015	3.233	ppbv #	40
27) Carbon Disulfide	4.115	76	1318875	9.204	ppbv	98
29) Chloroform	5.263	83	65715	0.333	ppbv	95
30) Cyclohexane	6.578	84	4318	0.045	ppbv #	1
31) cis-1,2-Dichloroethene	5.060	61	10534	0.095	ppbv #	84
34) 2-Butanone	4.774	43	626198	4.323	ppbv	100
35) Carbon Tetrachloride	6.475	117	45715	0.235	ppbv	97
36) Benzene	6.349	78	43451	0.173	ppbv #	84
38) Trichloroethene	7.272	130	133246	1.467	ppbv	95
39) 1,2-Dichloropropane	6.636	63	822022	8.293	ppbv #	25
44) 2,2,4-Trimethylpentane	7.311	57	91904	0.221	ppbv #	65
50) 4-Methyl-2-Pentanone	8.169	43	16376	0.064	ppbv #	74
51) 2-Hexanone	9.536	43	264798	1.498	ppbv #	98
52) Tetrachloroethene	10.590	164	695605	8.672	ppbv	94
53) Toluene	9.195	91	435426	1.645	ppbv	99
58) Ethyl Benzene	12.063	91	112134	0.329	ppbv	91
59) m/p-Xylene	12.320	91	445444	1.445	ppbv	95
60) o-Xylene	13.031	91	130995	0.449	ppbv	100
64) n-propylbenzene	14.886	120	6470	0.059	ppbv #	1
71) 2-Chlorotoluene	14.899	91	25379	0.076	ppbv	82
72) 4-Ethyltoluene	15.169	105	56916	0.174	ppbv #	73
73) 1,3,5-Trimethylbenzene	15.323	105	24289	0.084	ppbv #	38
74) 1,2,4-Trimethylbenzene	16.072	105	66186	0.201	ppbv #	68

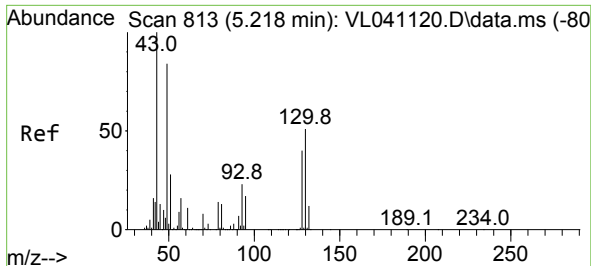
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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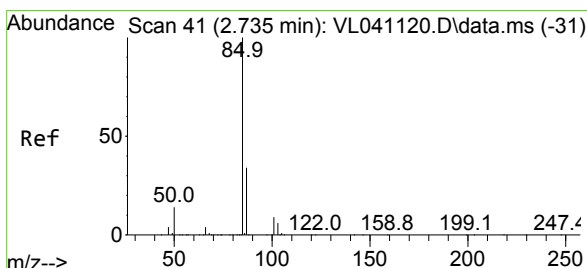
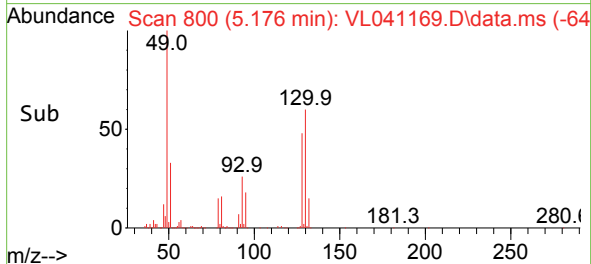
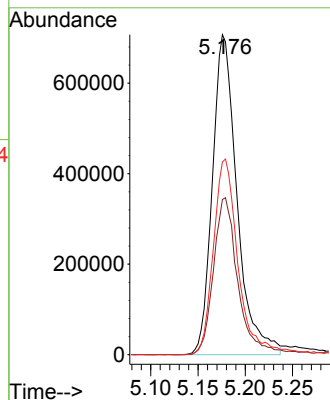
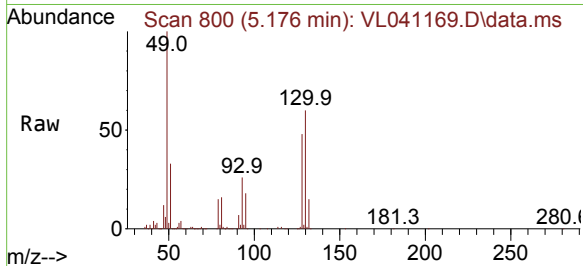




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.176 min Scan# 80
 Delta R.T. -0.003 min
 Lab File: VL041169.D
 Acq: 25 Apr 2024 13:56

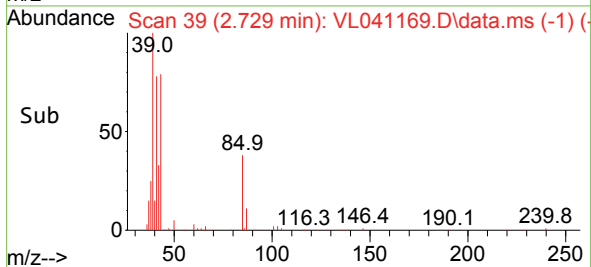
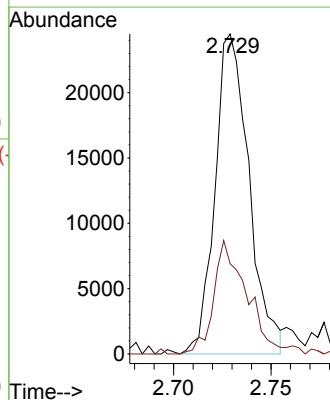
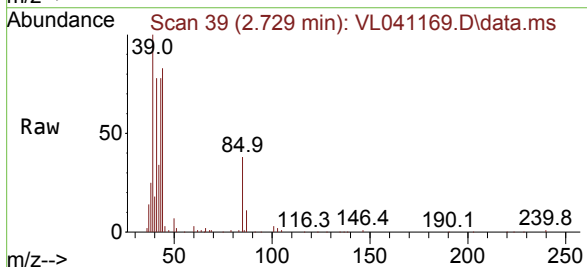
Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

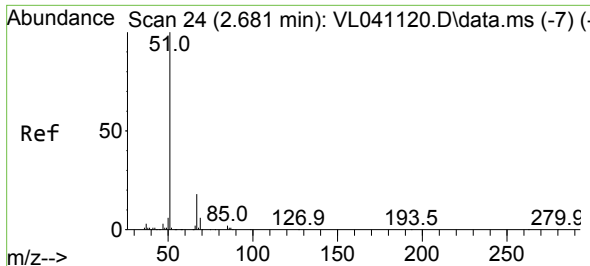
Tgt Ion: 49 Resp: 1281652
 Ion Ratio Lower Upper
 49 100
 128 49.7 23.6 71.0
 130 62.7 30.1 90.5



#2
 Dichlorodifluoromethane
 Concen: 0.135 ppbv
 RT: 2.729 min Scan# 39
 Delta R.T. 0.000 min
 Lab File: VL041169.D
 Acq: 25 Apr 2024 13:56

Tgt Ion: 85 Resp: 29689
 Ion Ratio Lower Upper
 85 100
 87 28.2 27.0 40.6

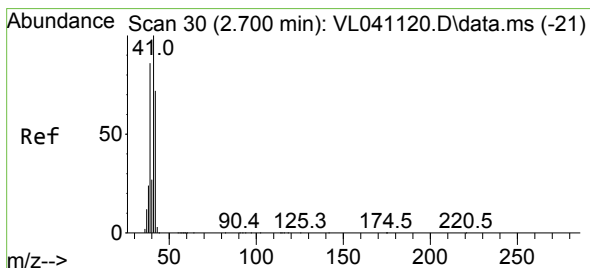
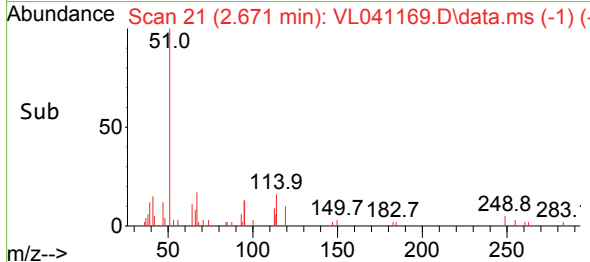
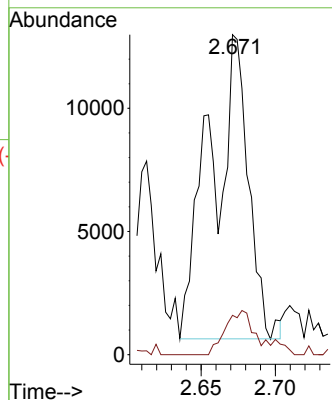
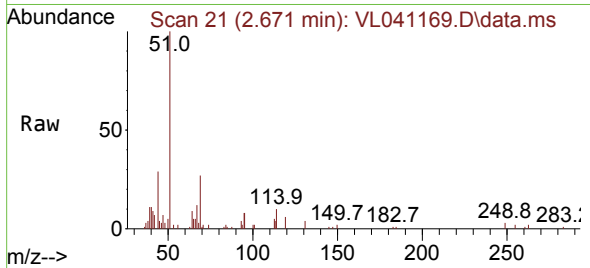




#3
Chlorodifluoromethane
Concen: 0.110 ppbv
RT: 2.671 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041169.D
Acq: 25 Apr 2024 13:56

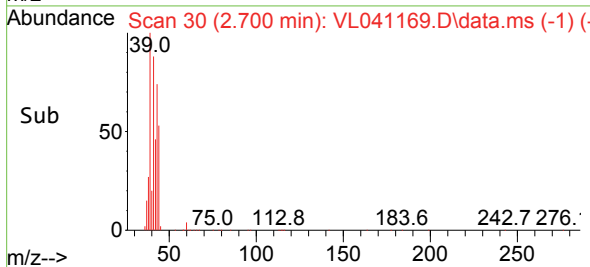
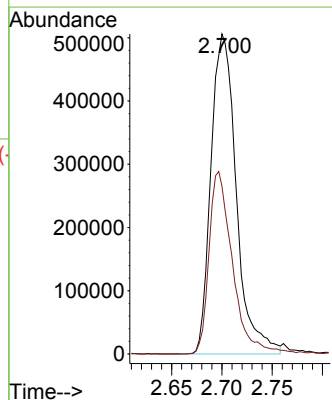
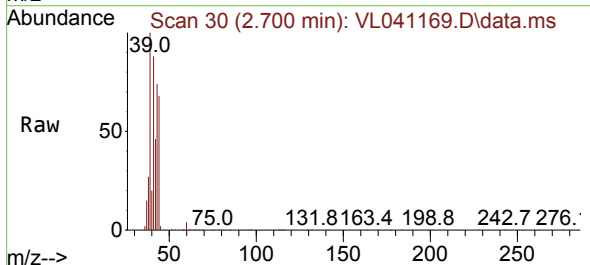
Instrument :
MSVOA_L
ClientSampleId :
SV1

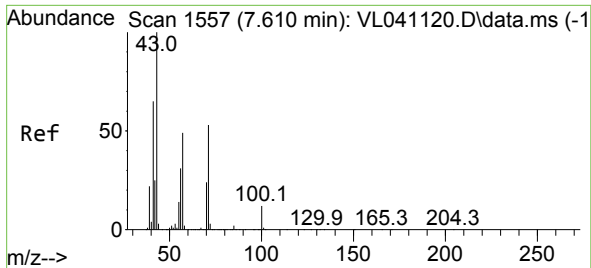
Tgt Ion: 51 Resp: 21730
Ion Ratio Lower Upper
51 100
67 12.7 14.9 22.3#



#9
Propene
Concen: 14.132 ppbv
RT: 2.700 min Scan# 30
Delta R.T. 0.007 min
Lab File: VL041169.D
Acq: 25 Apr 2024 13:56

Tgt Ion: 41 Resp: 887411
Ion Ratio Lower Upper
41 100
42 53.0 60.1 90.1#





#10

Heptane

Concen: 0.370 ppbv

RT: 7.558 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL041169.D

Acq: 25 Apr 2024 13:56

Instrument :

MSVOA_L

ClientSampleId :

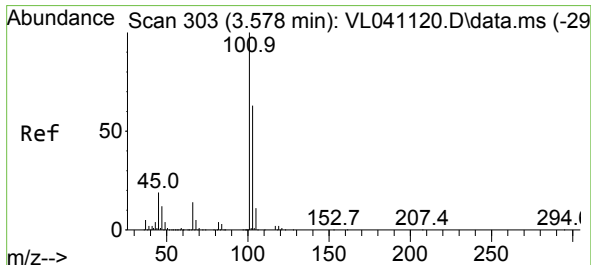
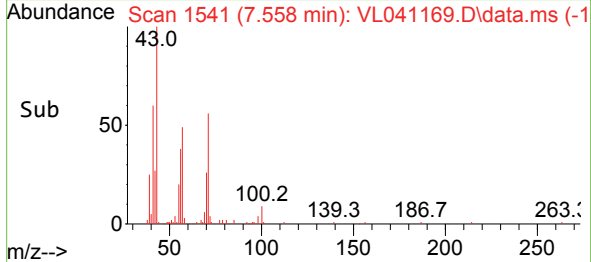
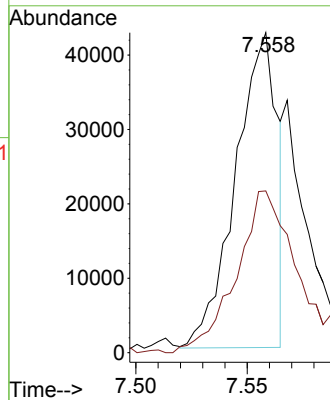
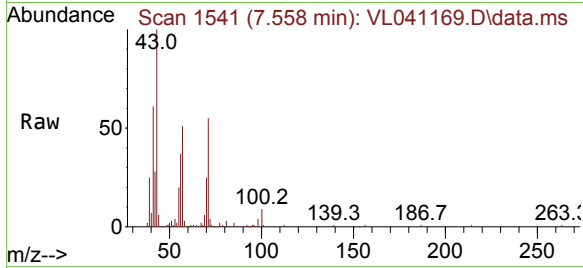
SV1

Tgt Ion: 43 Resp: 55174

Ion Ratio Lower Upper

43 100

57 78.5 39.9 59.9#



#11

Trichlorofluoromethane

Concen: 0.053 ppbv

RT: 3.610 min Scan# 313

Delta R.T. 0.055 min

Lab File: VL041169.D

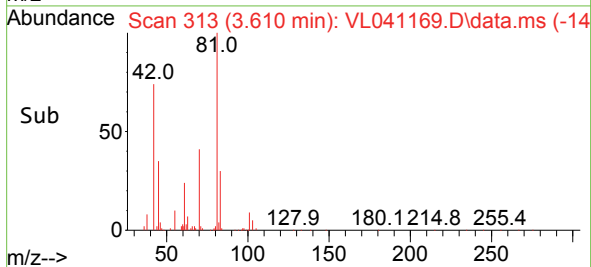
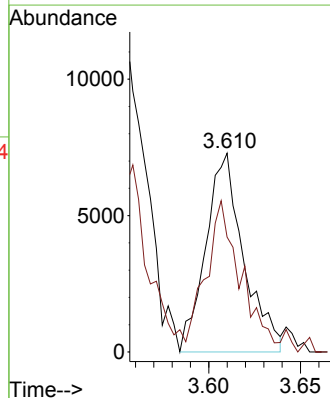
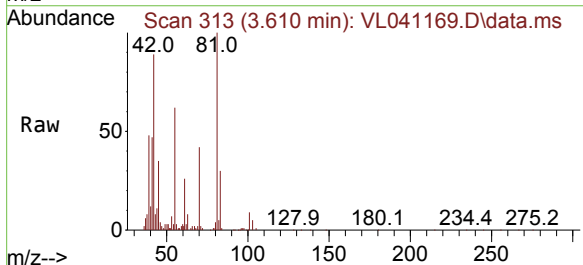
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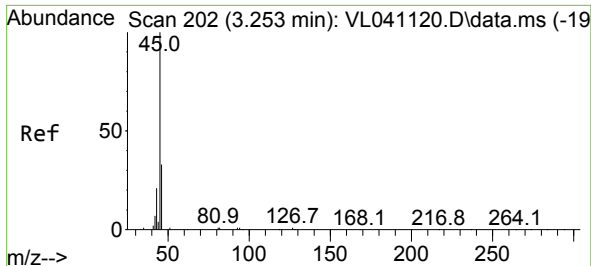
Tgt Ion: 101 Resp: 10471

Ion Ratio Lower Upper

101 100

103 53.0 50.6 75.8

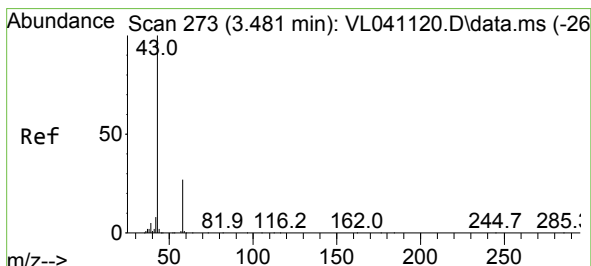
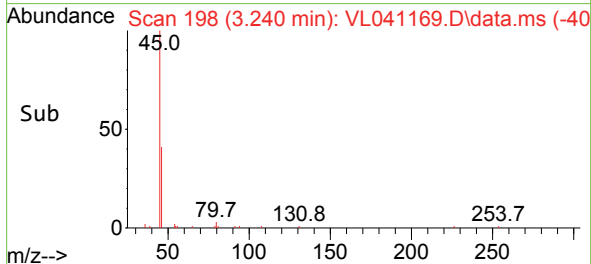
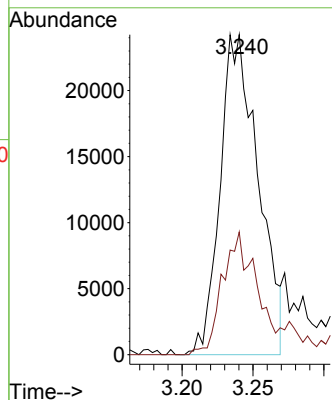
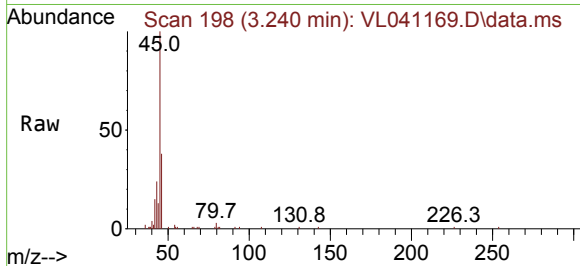




#13
Ethanol
Concen: 3.036 ppbv
RT: 3.240 min Scan# 198
Delta R.T. 0.007 min
Lab File: VL041169.D
Acq: 25 Apr 2024 13:56

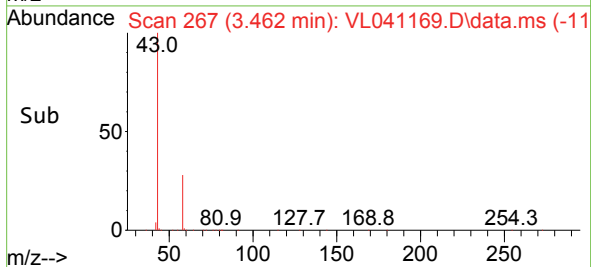
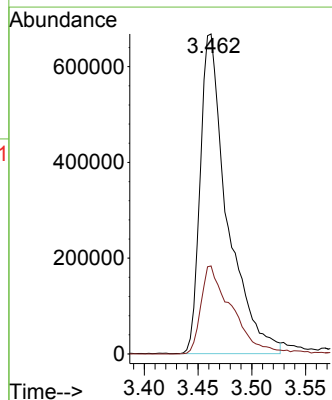
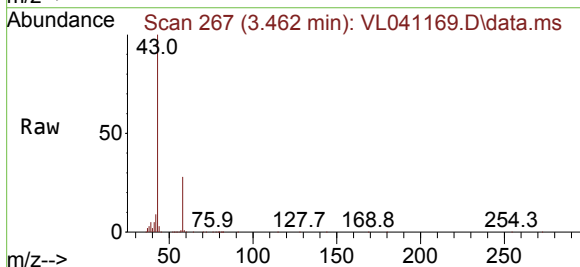
Instrument :
MSVOA_L
ClientSampleId :
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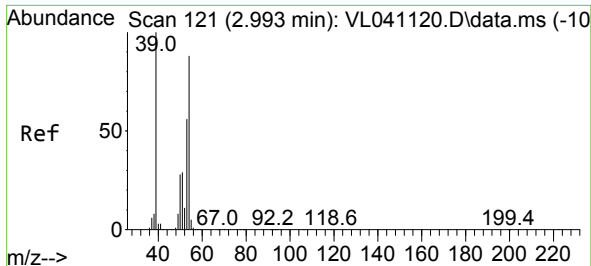
Tgt Ion: 45 Resp: 45351
Ion Ratio Lower Upper
45 100
46 43.3 15.0 59.8



#15
Acetone
Concen: 8.404 ppbv
RT: 3.462 min Scan# 267
Delta R.T. 0.003 min
Lab File: VL041169.D
Acq: 25 Apr 2024 13:56

Tgt Ion: 43 Resp: 1166309
Ion Ratio Lower Upper
43 100
58 33.0 21.1 31.7#

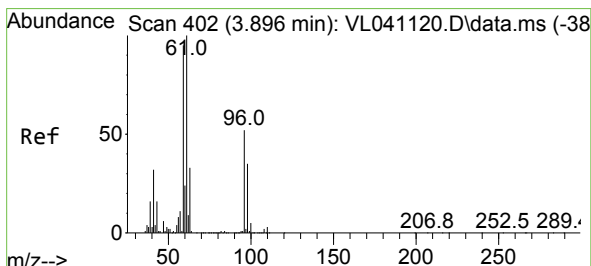
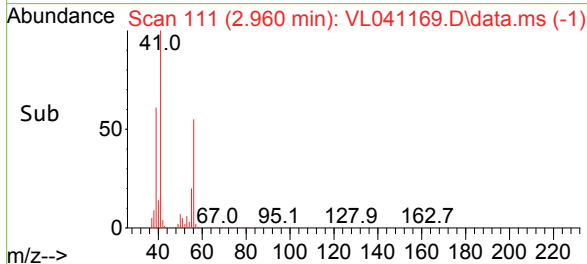
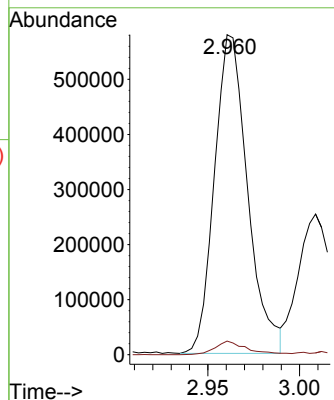
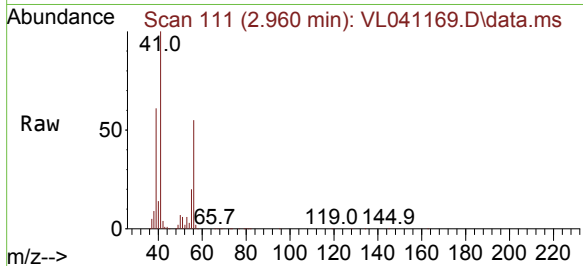




#16
1,3-Butadiene
Concen: 10.674 ppbv
RT: 2.960 min Scan# 111
Delta R.T. -0.022 min
Lab File: VL041169.D
Acq: 25 Apr 2024 13:56

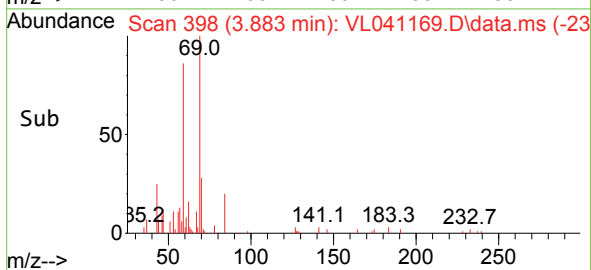
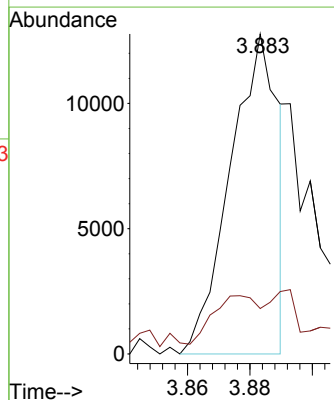
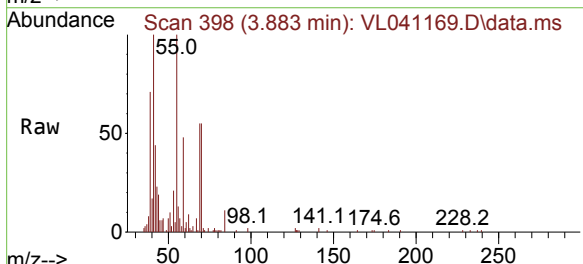
Instrument :
MSVOA_L
ClientSampleId :
SV1

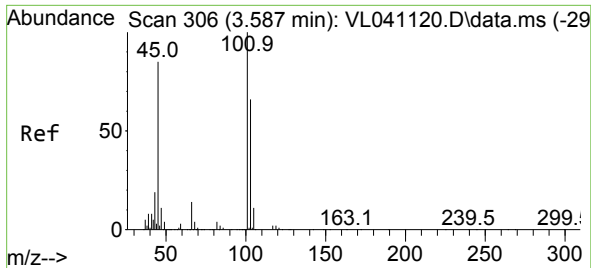
Tgt Ion: 39 Resp: 727156
Ion Ratio Lower Upper
39 100
54 4.1 63.5 95.3#



#17
tert-Butyl alcohol
Concen: 0.108 ppbv
RT: 3.883 min Scan# 398
Delta R.T. 0.016 min
Lab File: VL041169.D
Acq: 25 Apr 2024 13:56

Tgt Ion: 59 Resp: 13606
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#





#19

Isopropyl Alcohol

Concen: 0.372 ppbv

RT: 3.581 min Scan# 306

Delta R.T. 0.013 min

Lab File: VL041169.D

Acq: 25 Apr 2024 13:56

Instrument :

MSVOA_L

ClientSampleId :

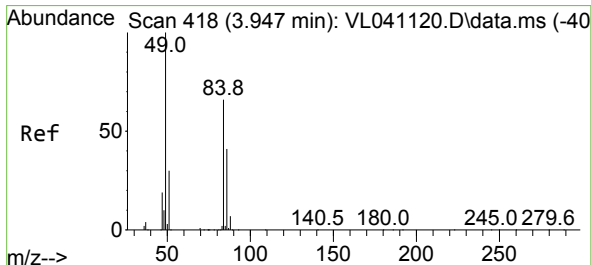
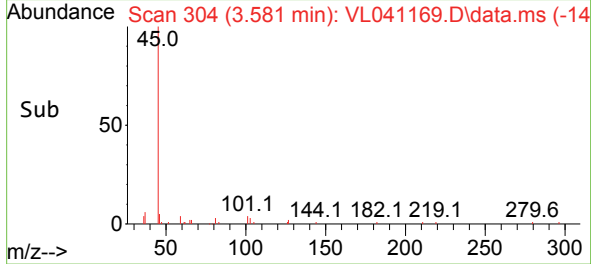
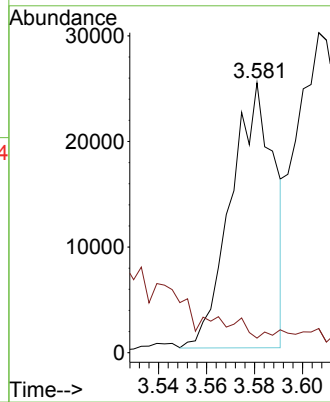
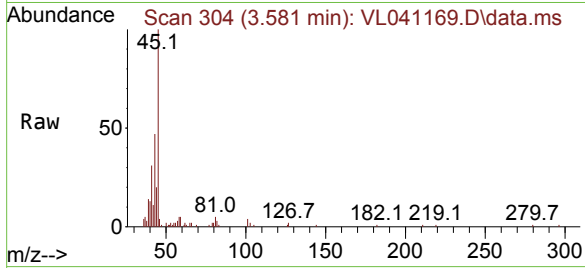
SV1

Tgt Ion: 45 Resp: 31398

Ion Ratio Lower Upper

45 100

58 0.0 2.8 4.2#



#20

Methylene Chloride

Concen: 4.347 ppbv

RT: 3.925 min Scan# 411

Delta R.T. 0.000 min

Lab File: VL041169.D

Acq: 25 Apr 2024 13:56

Tgt Ion: 84 Resp: 248825

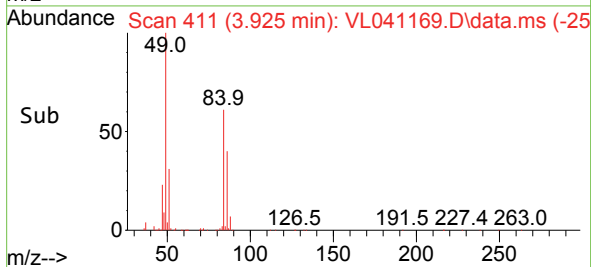
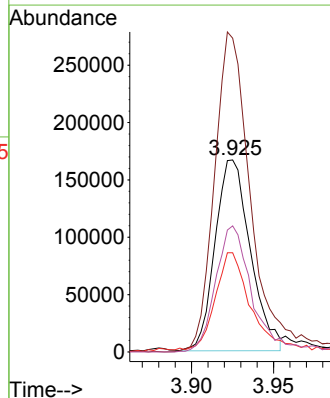
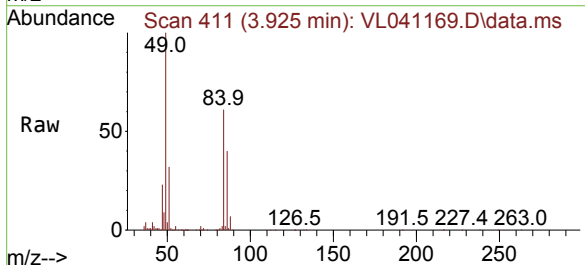
Ion Ratio Lower Upper

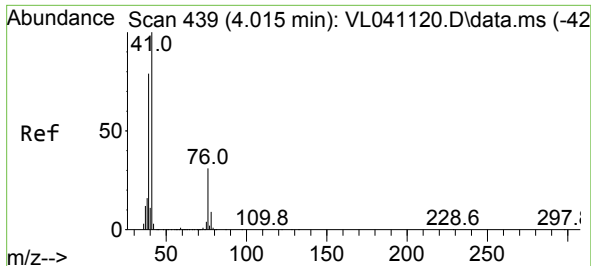
84 100

49 164.1 120.7 181.1

51 50.0 36.6 54.8

86 65.9 49.2 73.8





#21

Allyl Chloride

Concen: 0.420 ppbv

RT: 3.944 min Scan# 41

Delta R.T. -0.042 min

Lab File: VL041169.D

Acq: 25 Apr 2024 13:56

Instrument :

MSVOA_L

ClientSampleId :

SV1

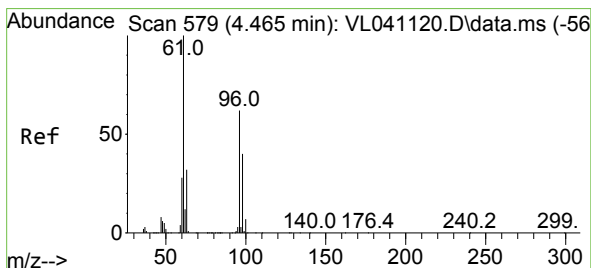
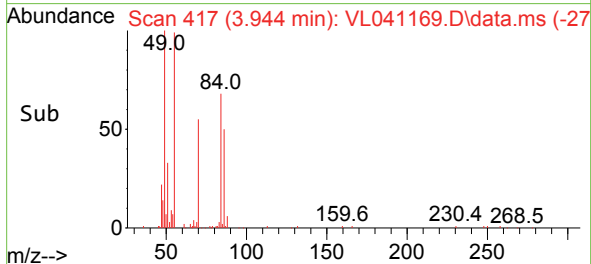
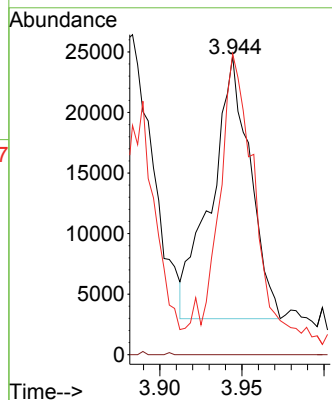
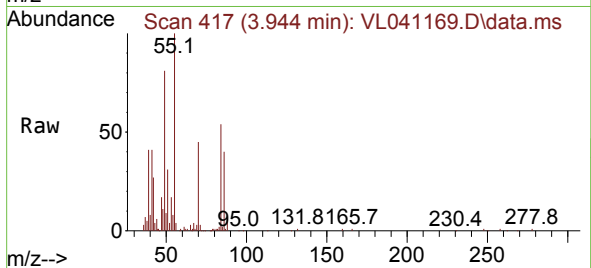
Tgt Ion: 41 Resp: 35485

Ion Ratio Lower Upper

41 100

76 0.0 25.7 38.5#

39 92.5 65.7 98.5



#22

trans-1,2-Dichloroethene

Concen: 0.344 ppbv

RT: 4.436 min Scan# 570

Delta R.T. 0.003 min

Lab File: VL041169.D

Acq: 25 Apr 2024 13:56

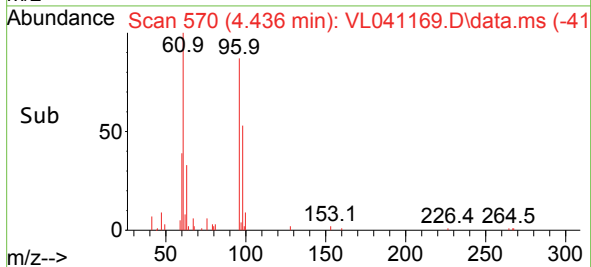
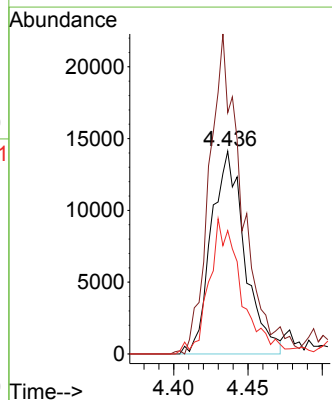
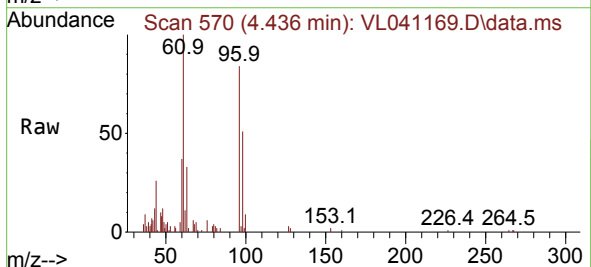
Tgt Ion: 96 Resp: 22164

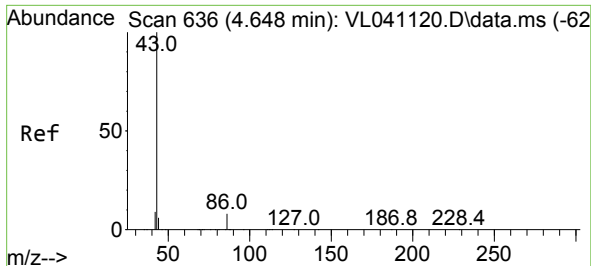
Ion Ratio Lower Upper

96 100

61 117.4 128.4 192.6#

98 59.3 51.5 77.3

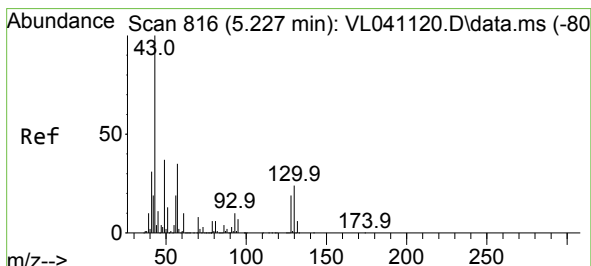
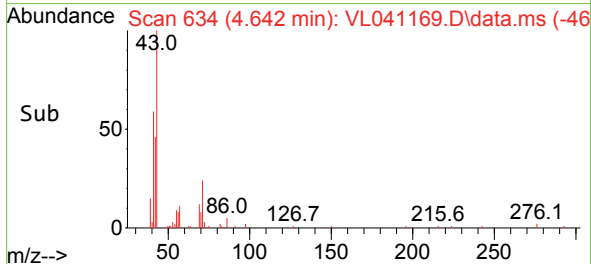
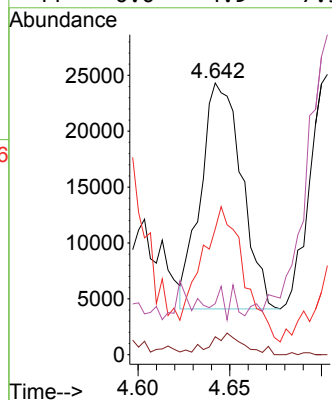
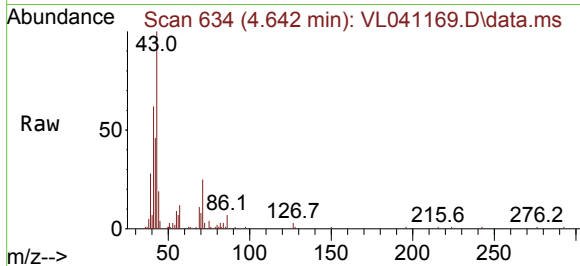




#23
Vinyl Acetate
Concen: 0.222 ppbv
RT: 4.642 min Scan# 61
Delta R.T. 0.029 min
Lab File: VL041169.D
Acq: 25 Apr 2024 13:56

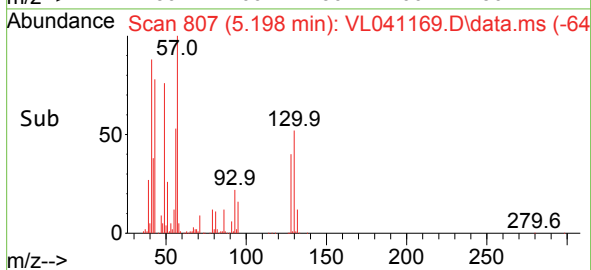
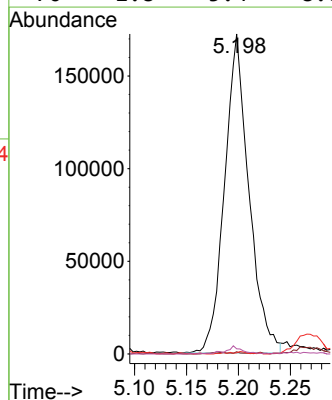
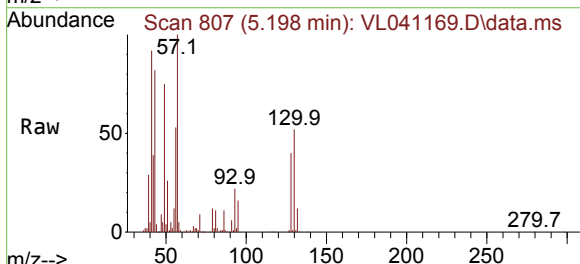
Instrument :
MSVOA_L
ClientSampleId :
SV1

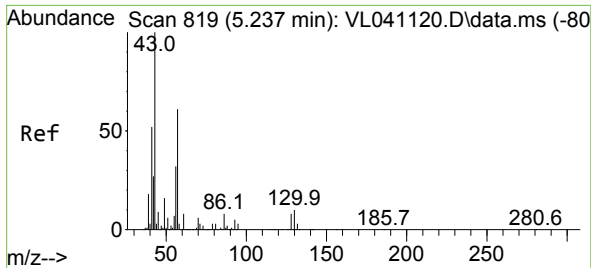
Tgt Ion: 43 Resp: 31487
Ion Ratio Lower Upper
43 100
86 7.9 6.2 9.4
42 50.0 7.7 11.5#
44 0.0 4.9 7.3#



#25
Ethyl Acetate
Concen: 1.076 ppbv
RT: 5.198 min Scan# 807
Delta R.T. 0.010 min
Lab File: VL041169.D
Acq: 25 Apr 2024 13:56

Tgt Ion: 43 Resp: 280383
Ion Ratio Lower Upper
43 100
45 0.7 8.0 12.0#
61 0.5 7.8 11.6#
70 1.8 5.4 8.0#

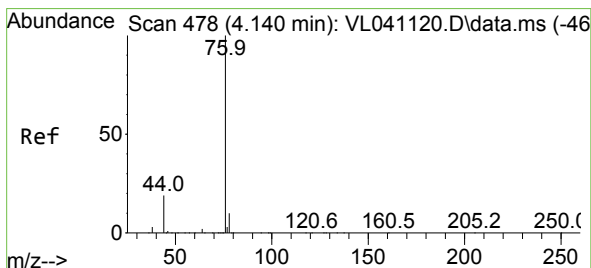
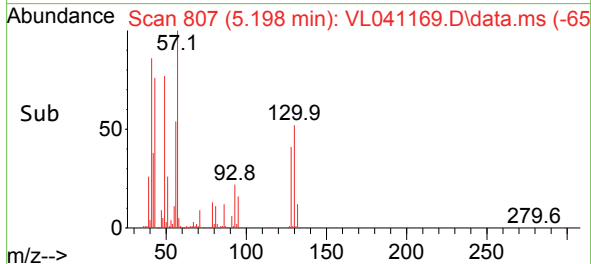
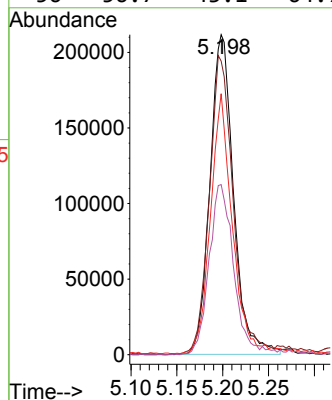
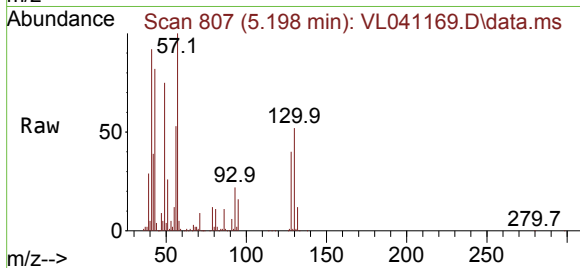




#26
Hexane
Concen: 3.233 ppbv
RT: 5.198 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL041169.D
Acq: 25 Apr 2024 13:56

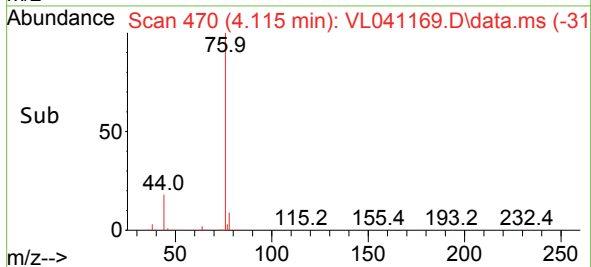
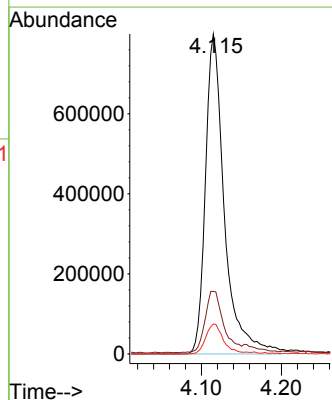
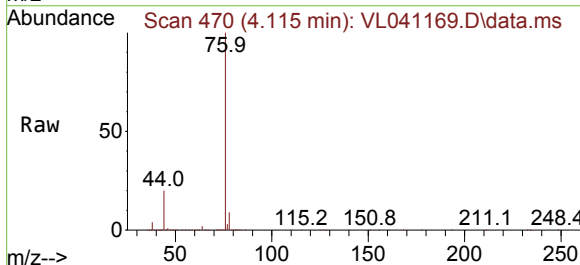
Instrument :
MSVOA_L
ClientSampleId :
SV1

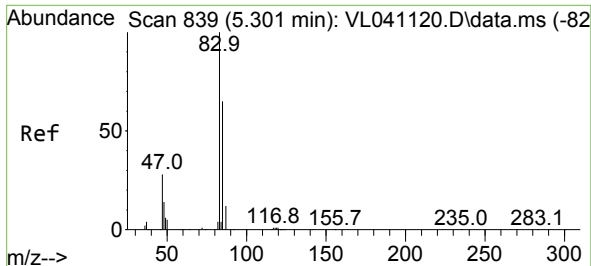
Tgt Ion: 57 Resp: 378015
Ion Ratio Lower Upper
57 100
41 98.1 73.8 110.8
43 75.6 186.2 279.2#
56 56.7 43.1 64.7



#27
Carbon Disulfide
Concen: 9.204 ppbv
RT: 4.115 min Scan# 470
Delta R.T. 0.000 min
Lab File: VL041169.D
Acq: 25 Apr 2024 13:56

Tgt Ion: 76 Resp: 1318875
Ion Ratio Lower Upper
76 100
44 21.6 16.3 24.5
78 9.4 7.9 11.9





#29

Chloroform

Concen: 0.333 ppbv

RT: 5.263 min Scan# 81

Delta R.T. 0.003 min

Lab File: VL041169.D

Acq: 25 Apr 2024 13:56

Instrument :

MSVOA_L

ClientSampleId :

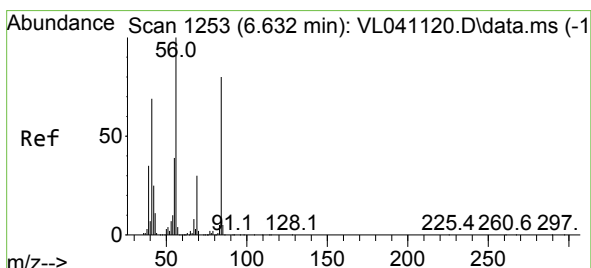
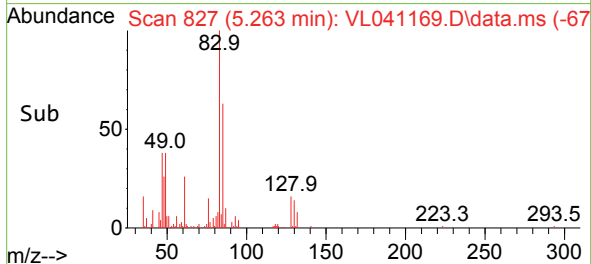
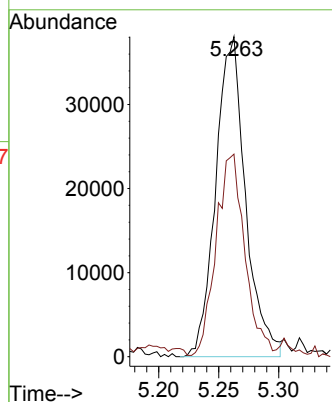
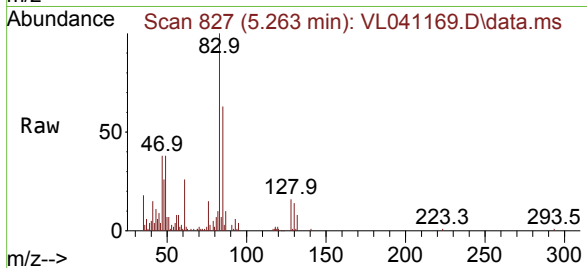
SV1

Tgt Ion: 83 Resp: 65715

Ion Ratio Lower Upper

83 100

85 60.8 51.5 77.3



#30

Cyclohexane

Concen: 0.045 ppbv

RT: 6.578 min Scan# 1236

Delta R.T. -0.003 min

Lab File: VL041169.D

Acq: 25 Apr 2024 13:56

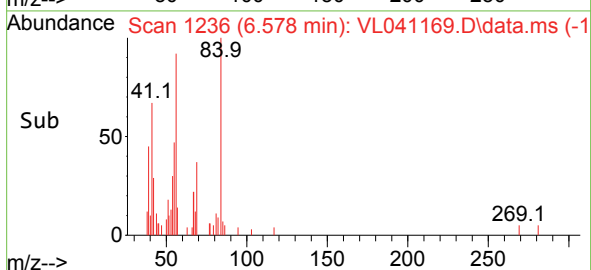
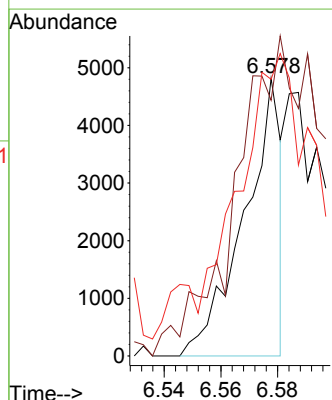
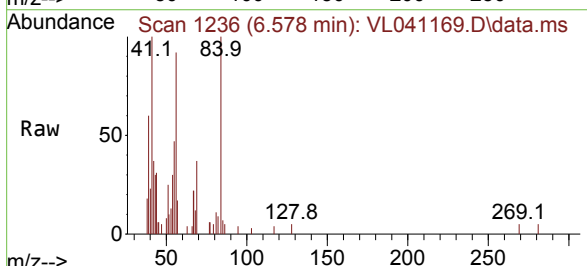
Tgt Ion: 84 Resp: 4318

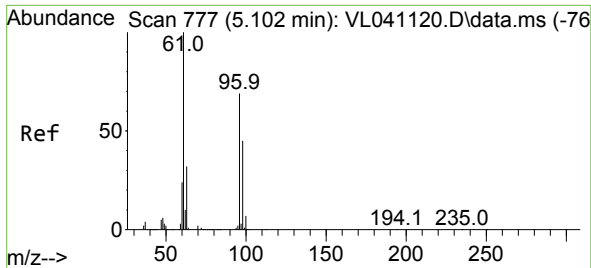
Ion Ratio Lower Upper

84 100

56 0.0 111.9 167.9#

41 187.0 71.0 106.6#

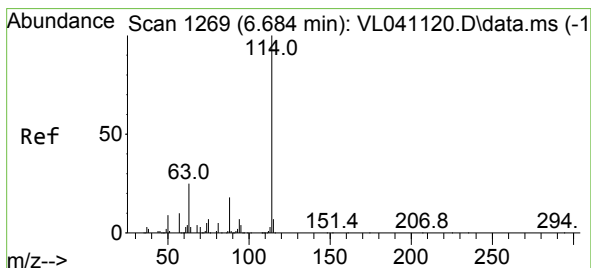
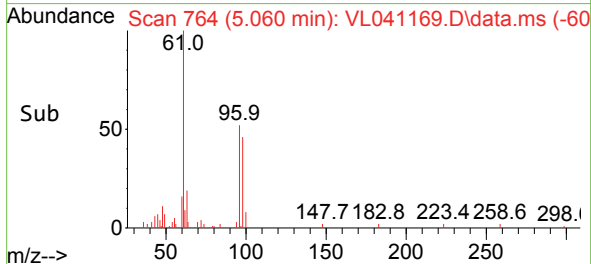
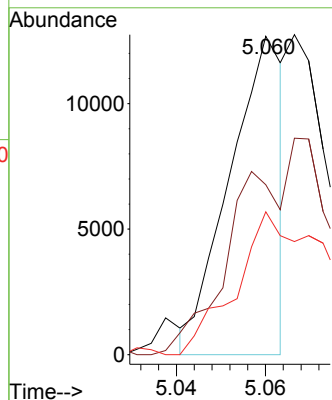
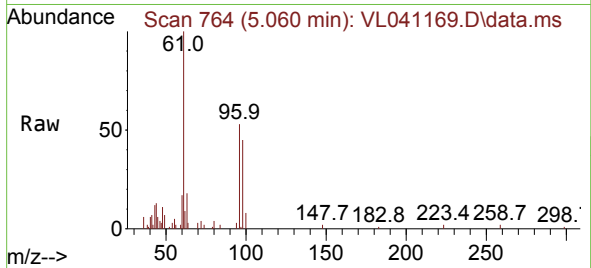




#31
 cis-1,2-Dichloroethene
 Concen: 0.095 ppbv
 RT: 5.060 min Scan# 71
 Delta R.T. -0.003 min
 Lab File: VL041169.D
 Acq: 25 Apr 2024 13:56

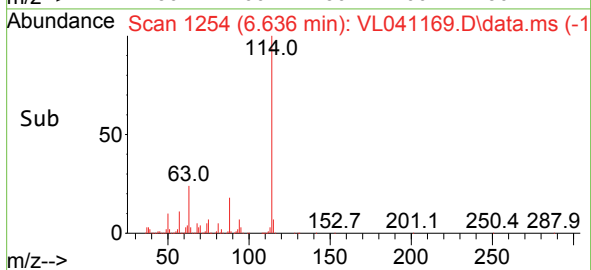
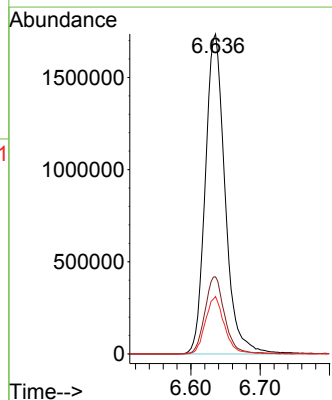
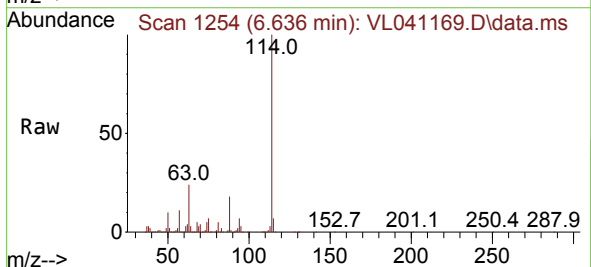
Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

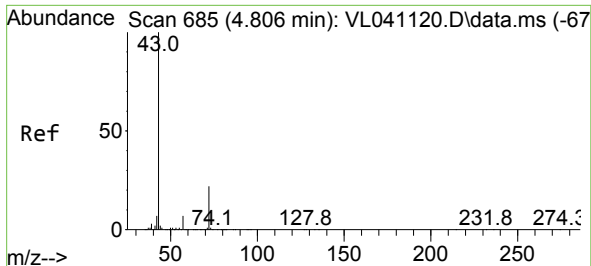
Tgt Ion: 61 Resp: 10534
 Ion Ratio Lower Upper
 61 100
 96 47.1 54.9 82.3#
 98 45.5 35.9 53.9



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 6.636 min Scan# 1254
 Delta R.T. 0.000 min
 Lab File: VL041169.D
 Acq: 25 Apr 2024 13:56

Tgt Ion: 114 Resp: 3423313
 Ion Ratio Lower Upper
 114 100
 63 24.4 20.9 31.3
 88 17.5 14.5 21.7

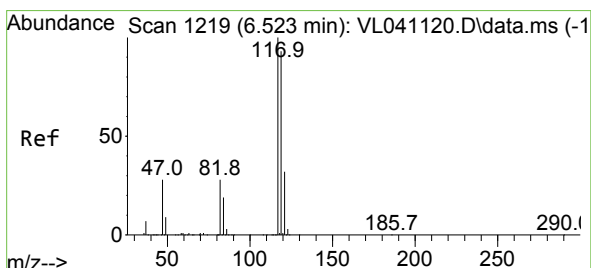
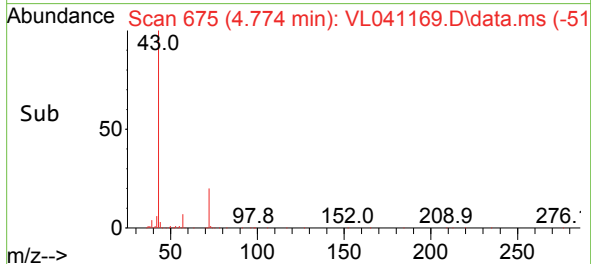
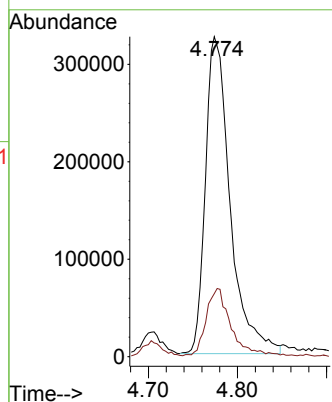
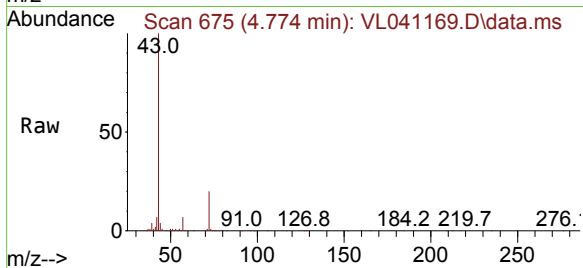




#34
2-Butanone
Concen: 4.323 ppbv
RT: 4.774 min Scan# 61
Delta R.T. 0.003 min
Lab File: VL041169.D
Acq: 25 Apr 2024 13:56

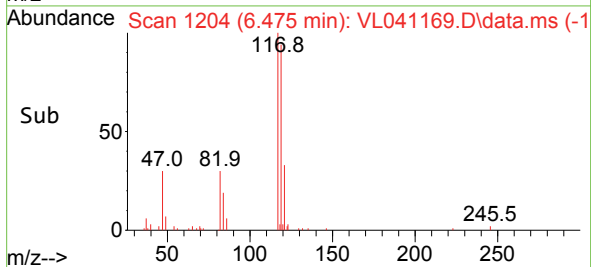
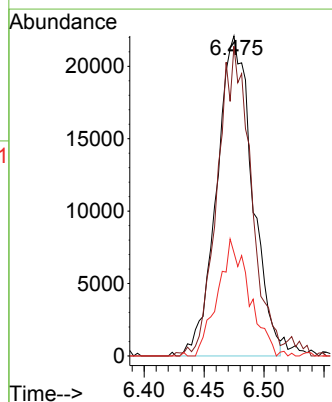
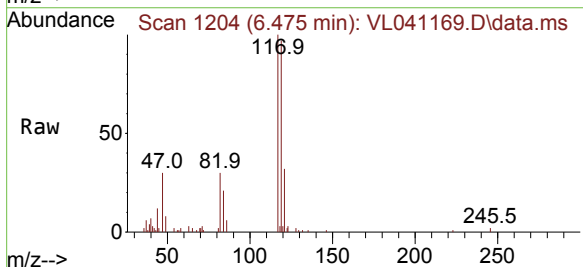
Instrument :
MSVOA_L
ClientSampleId :
SV1

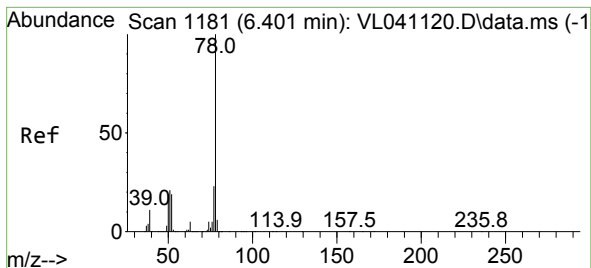
Tgt Ion: 43 Resp: 626198
Ion Ratio Lower Upper
43 100
72 22.0 17.6 26.4



#35
Carbon Tetrachloride
Concen: 0.235 ppbv
RT: 6.475 min Scan# 1204
Delta R.T. 0.000 min
Lab File: VL041169.D
Acq: 25 Apr 2024 13:56

Tgt Ion: 117 Resp: 45715
Ion Ratio Lower Upper
117 100
119 95.8 74.2 111.4
121 32.3 25.4 38.2





#36

Benzene

Concen: 0.173 ppbv

RT: 6.349 min Scan# 1165

Delta R.T. -0.003 min

Lab File: VL041169.D

Acq: 25 Apr 2024 13:56

Instrument :

MSVOA_L

ClientSampleId :

SV1

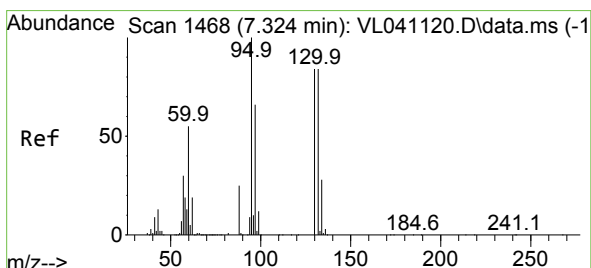
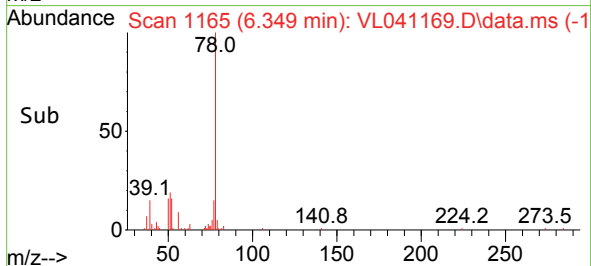
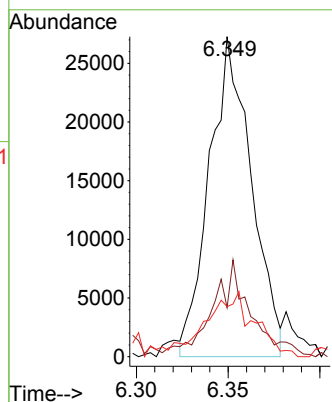
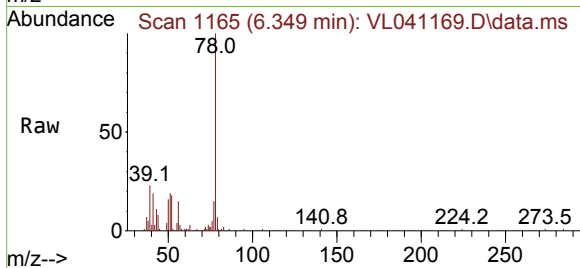
Tgt Ion: 78 Resp: 43451

Ion Ratio Lower Upper

78 100

77 12.8 18.2 27.4#

50 14.6 15.4 23.2#



#38

Trichloroethene

Concen: 1.467 ppbv

RT: 7.272 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VL041169.D

Acq: 25 Apr 2024 13:56

Tgt Ion:130 Resp: 133246

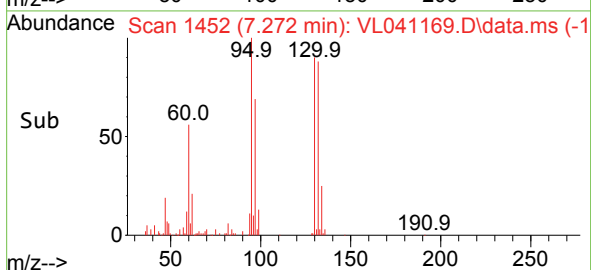
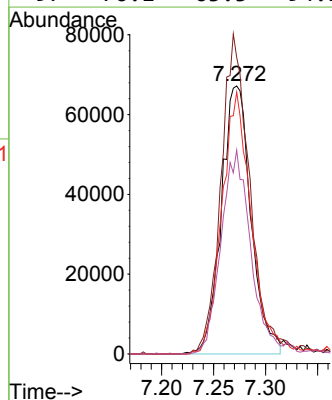
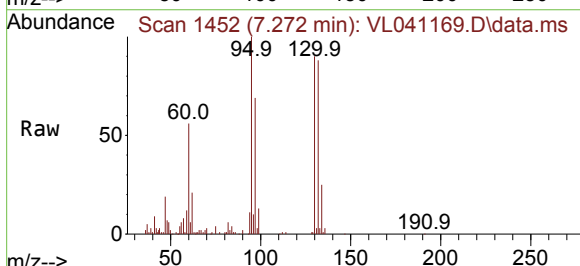
Ion Ratio Lower Upper

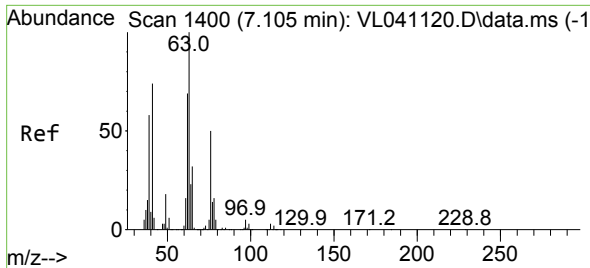
130 100

95 110.6 95.4 143.0

132 97.7 80.0 120.0

97 76.1 63.3 94.9





#39

1,2-Dichloropropane

Concen: 8.293 ppbv

RT: 6.636 min Scan# 11

Delta R.T. -0.421 min

Lab File: VL041169.D

Acq: 25 Apr 2024 13:56

Instrument :

MSVOA_L

ClientSampleId :

SV1

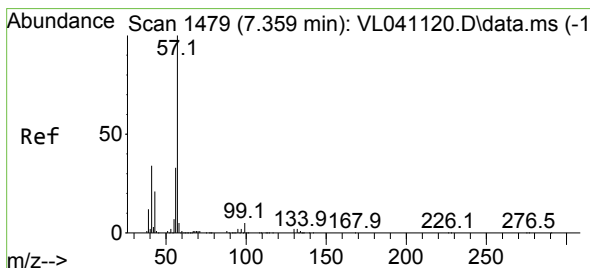
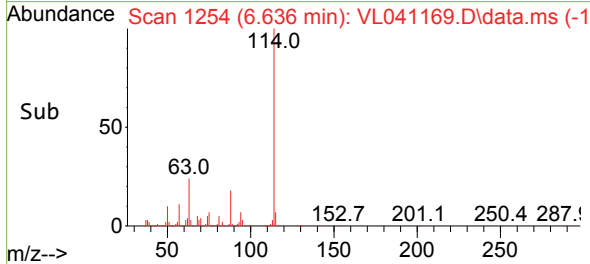
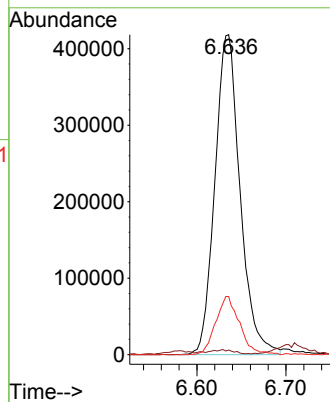
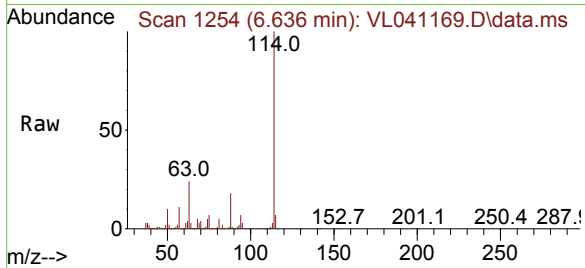
Tgt Ion: 63 Resp: 822022

Ion Ratio Lower Upper

63 100

41 0.2 58.7 88.1#

62 18.1 55.5 83.3#



#44

2,2,4-Trimethylpentane

Concen: 0.221 ppbv

RT: 7.311 min Scan# 1464

Delta R.T. 0.007 min

Lab File: VL041169.D

Acq: 25 Apr 2024 13:56

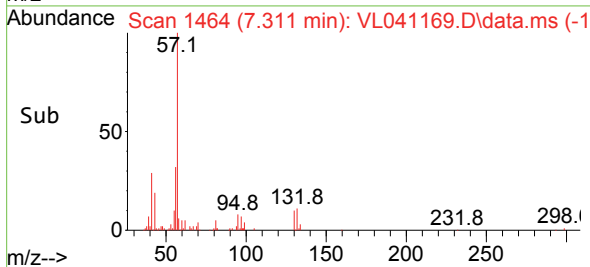
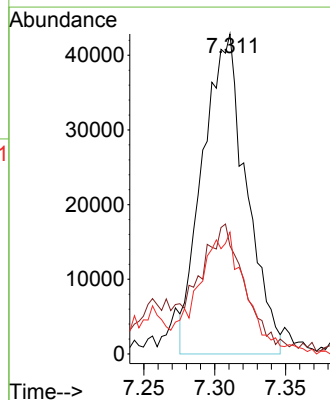
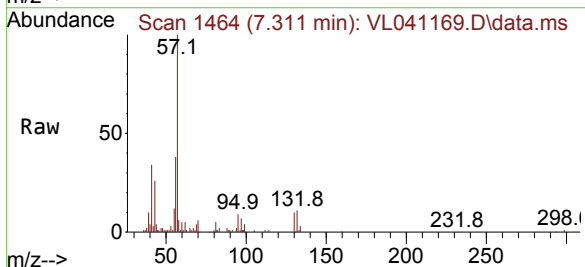
Tgt Ion: 57 Resp: 91904

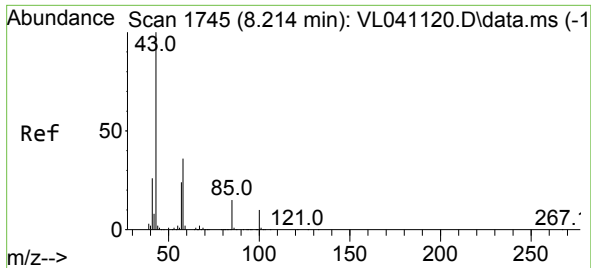
Ion Ratio Lower Upper

57 100

41 62.6 28.2 42.2#

56 43.3 25.2 37.8#

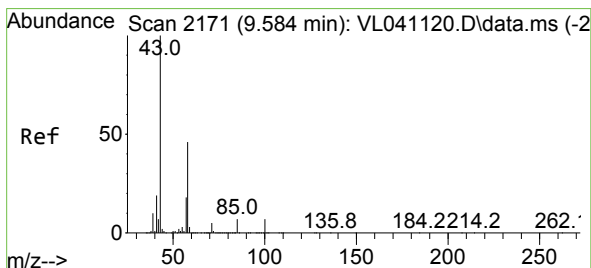
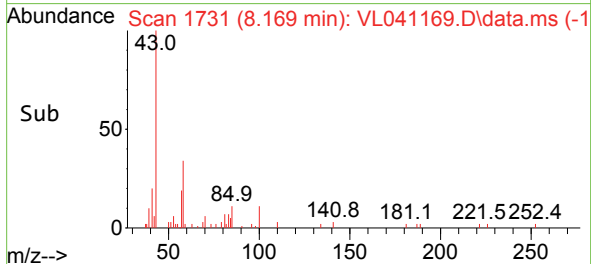
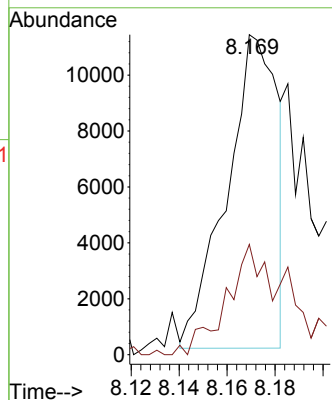
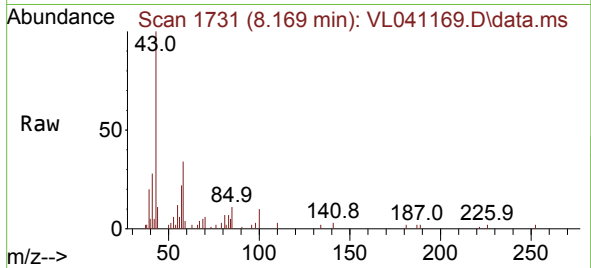




#50
4-Methyl-2-Pentanone
Concen: 0.064 ppbv
RT: 8.169 min Scan# 1731
Delta R.T. 0.010 min
Lab File: VL041169.D
Acq: 25 Apr 2024 13:56

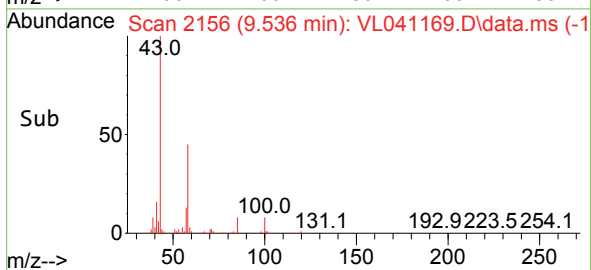
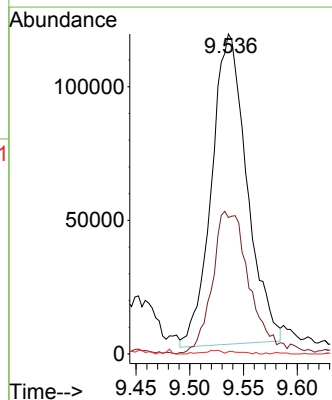
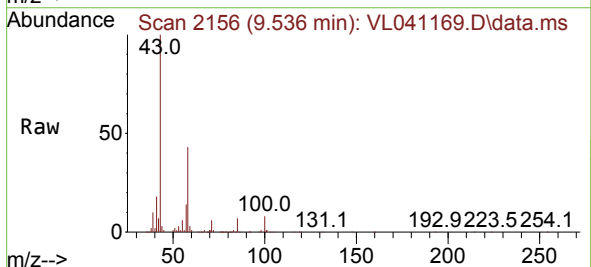
Instrument :
MSVOA_L
ClientSampleId :
SV1

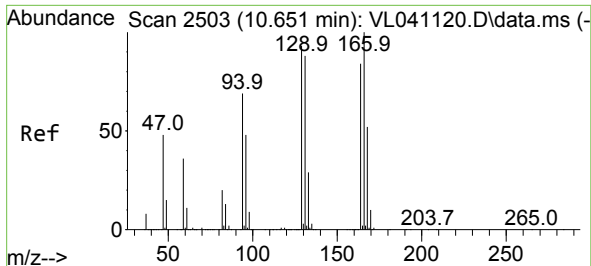
Tgt Ion: 43 Resp: 16376
Ion Ratio Lower Upper
43 100
58 49.6 27.7 41.5#



#51
2-Hexanone
Concen: 1.498 ppbv
RT: 9.536 min Scan# 2156
Delta R.T. 0.010 min
Lab File: VL041169.D
Acq: 25 Apr 2024 13:56

Tgt Ion: 43 Resp: 264798
Ion Ratio Lower Upper
43 100
58 47.9 37.3 55.9
98 0.9 0.3 0.5#

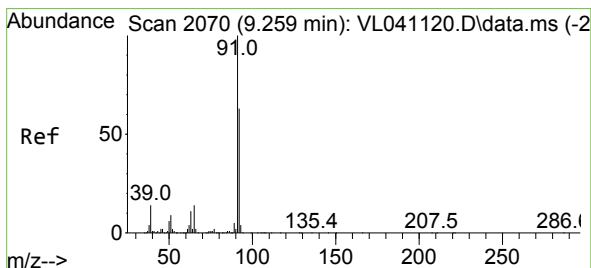
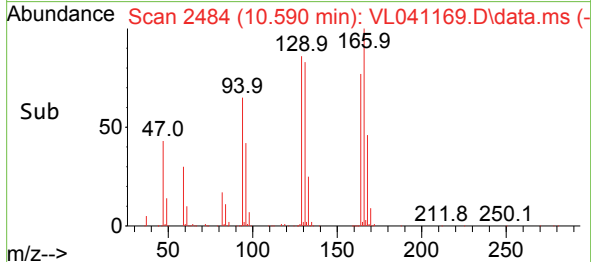
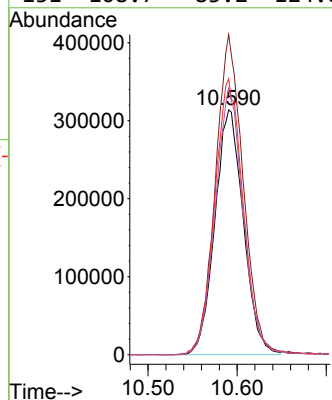
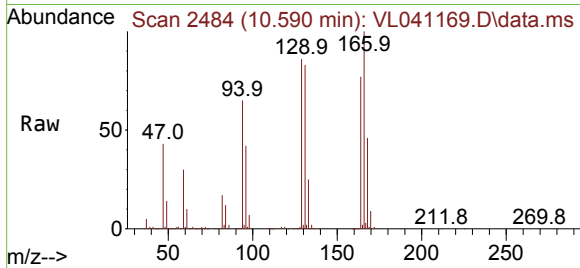




#52
Tetrachloroethene
Concen: 8.672 ppbv
RT: 10.590 min Scan# 2484
Delta R.T. 0.000 min
Lab File: VL041169.D
Acq: 25 Apr 2024 13:56

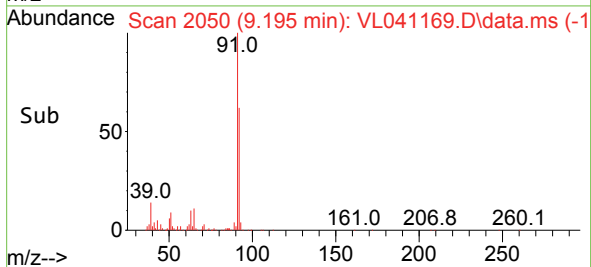
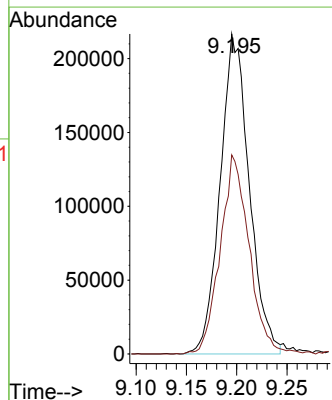
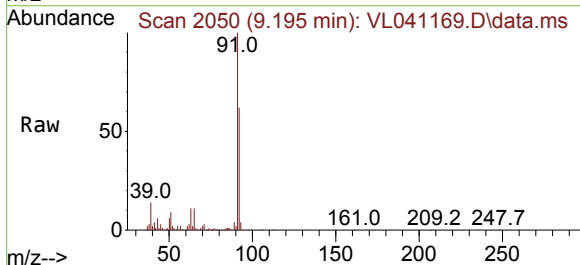
Instrument :
MSVOA_L
ClientSampleId :
SV1

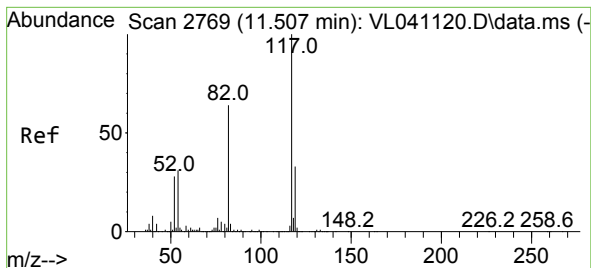
Tgt Ion:164 Resp: 695605
Ion Ratio Lower Upper
164 100
166 130.5 95.0 142.6
129 112.5 88.7 133.1
131 108.7 83.2 124.8



#53
Toluene
Concen: 1.645 ppbv
RT: 9.195 min Scan# 2050
Delta R.T. -0.003 min
Lab File: VL041169.D
Acq: 25 Apr 2024 13:56

Tgt Ion: 91 Resp: 435426
Ion Ratio Lower Upper
91 100
92 62.1 49.0 73.4





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.439 min Scan# 21

Delta R.T. -0.003 min

Lab File: VL041169.D

Acq: 25 Apr 2024 13:56

Instrument :

MSVOA_L

ClientSampleId :

SV1

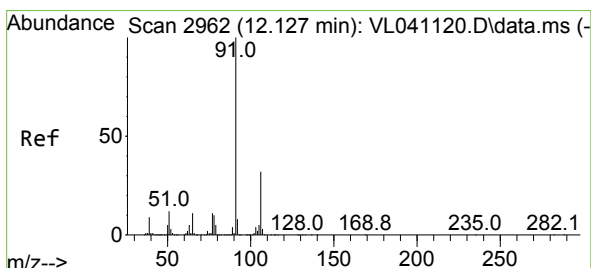
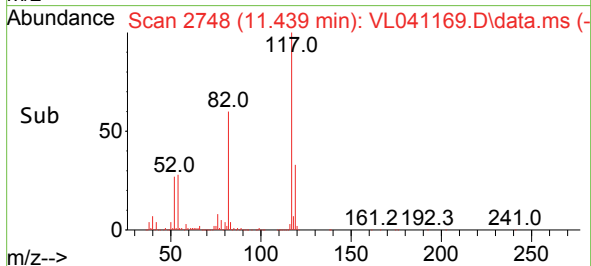
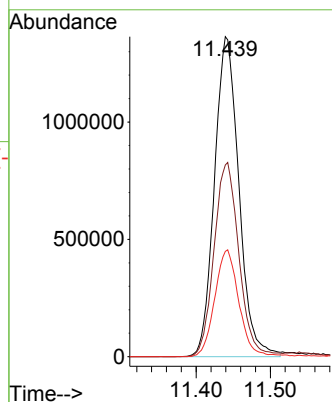
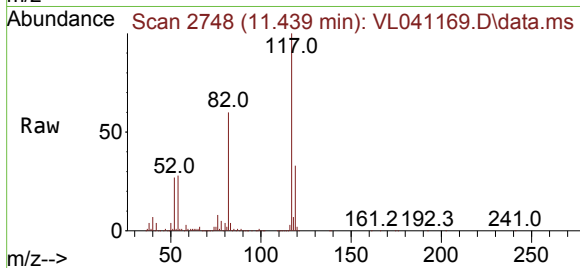
Tgt Ion:117 Resp: 3117362

Ion Ratio Lower Upper

117 100

82 64.3 51.0 76.6

119 33.7 25.2 37.8



#58

Ethyl Benzene

Concen: 0.329 ppbv

RT: 12.063 min Scan# 2942

Delta R.T. 0.000 min

Lab File: VL041169.D

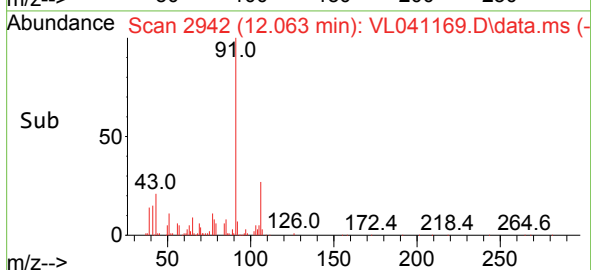
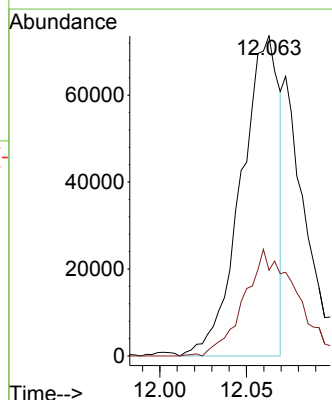
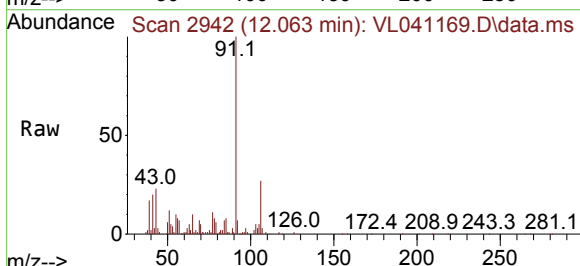
Acq: 25 Apr 2024 13:56

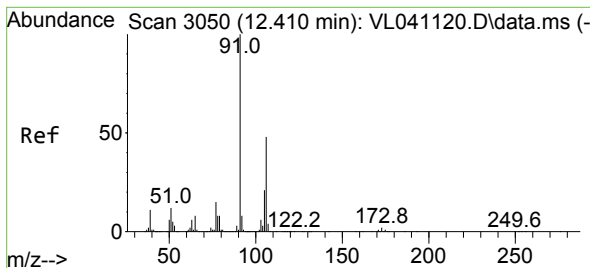
Tgt Ion: 91 Resp: 112134

Ion Ratio Lower Upper

91 100

106 26.8 25.6 38.4





#59

m/p-Xylene

Concen: 1.445 ppbv

RT: 12.320 min Scan# 3050

Delta R.T. -0.029 min

Lab File: VL041169.D

Acq: 25 Apr 2024 13:56

Instrument :

MSVOA_L

ClientSampleId :

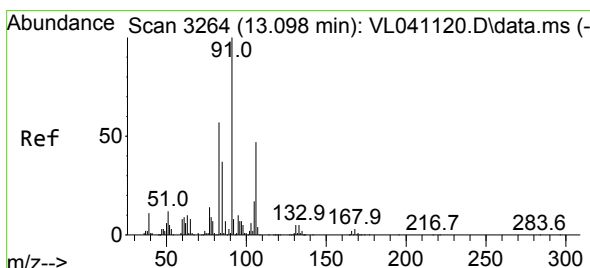
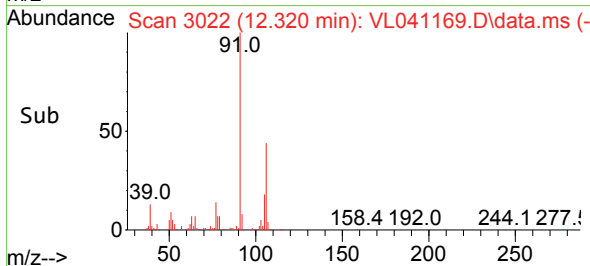
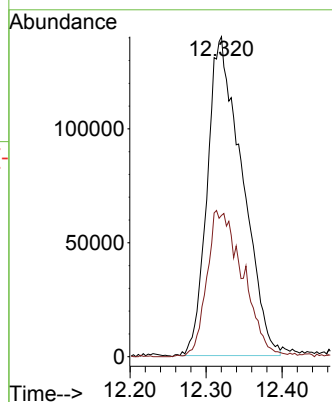
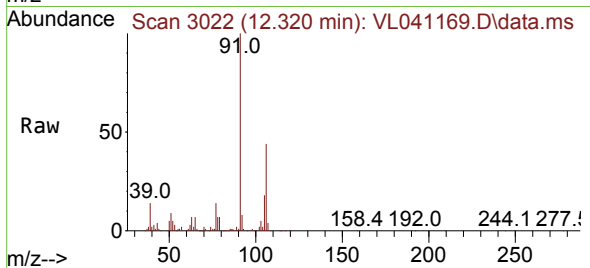
SV1

Tgt Ion: 91 Resp: 445444

Ion Ratio Lower Upper

91 100

106 47.8 35.4 53.2



#60

o-Xylene

Concen: 0.449 ppbv

RT: 13.031 min Scan# 3243

Delta R.T. -0.003 min

Lab File: VL041169.D

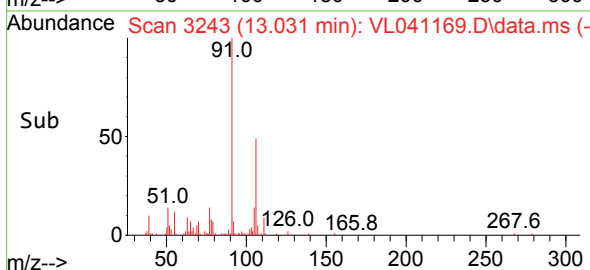
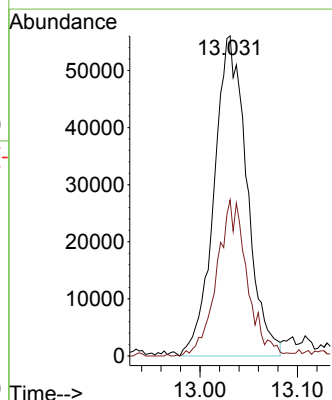
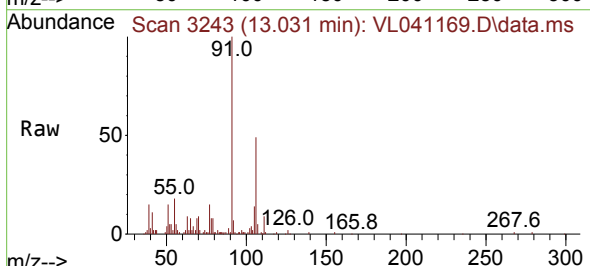
Acq: 25 Apr 2024 13:56

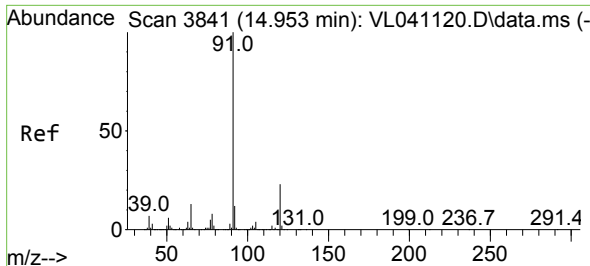
Tgt Ion: 91 Resp: 130995

Ion Ratio Lower Upper

91 100

106 45.4 22.9 68.5

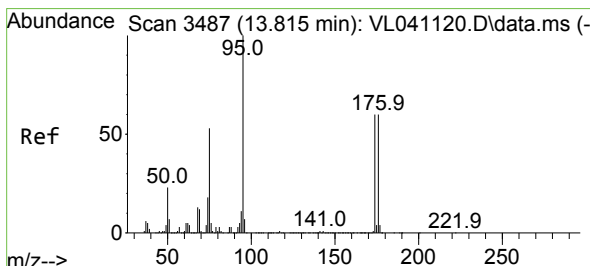
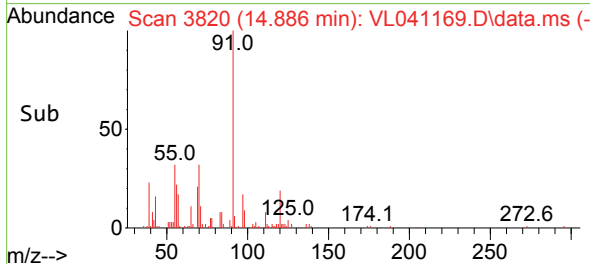
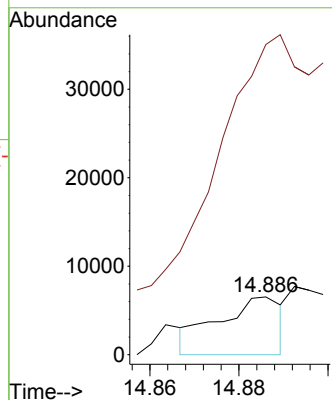
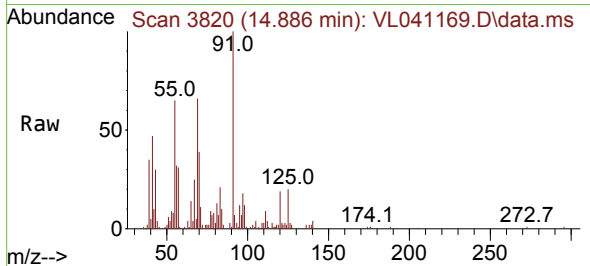




#64
n-propylbenzene
Concen: 0.059 ppbv
RT: 14.886 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041169.D
Acq: 25 Apr 2024 13:56

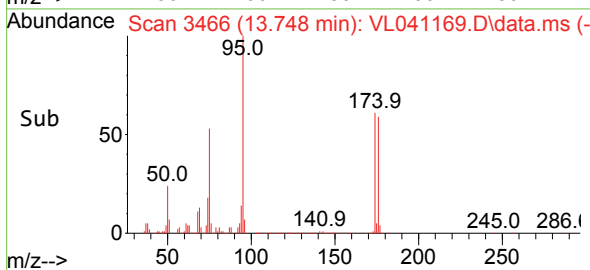
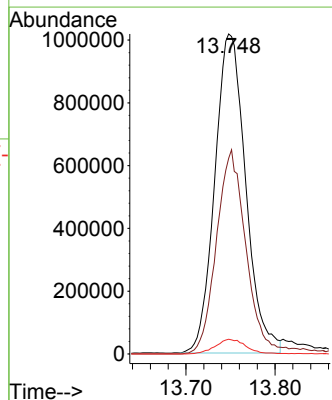
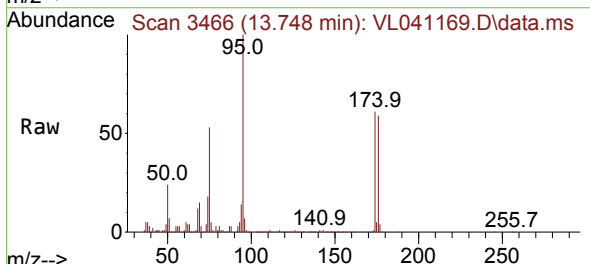
Instrument :
MSVOA_L
ClientSampleId :
SV1

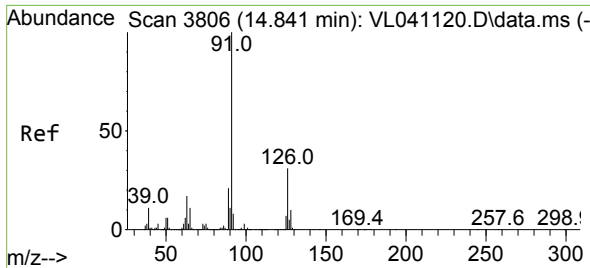
Tgt Ion:120 Resp: 6470
Ion Ratio Lower Upper
120 100
91 0.0 395.0 592.6#



#68
1-Bromo-4-Fluorobenzene
Concen: 9.785 ppbv
RT: 13.748 min Scan# 3466
Delta R.T. 0.000 min
Lab File: VL041169.D
Acq: 25 Apr 2024 13:56

Tgt Ion: 95 Resp: 2452912
Ion Ratio Lower Upper
95 100
174 63.7 49.3 73.9
175 4.7 3.6 5.4

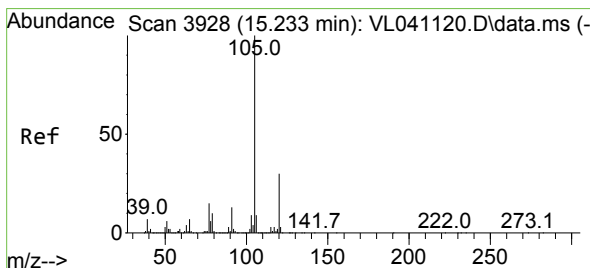
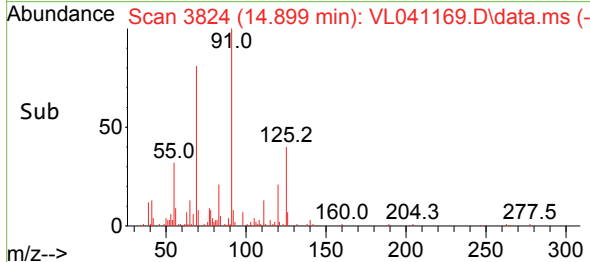
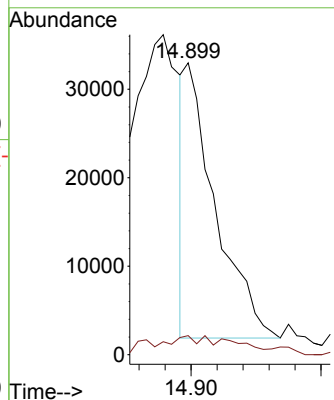
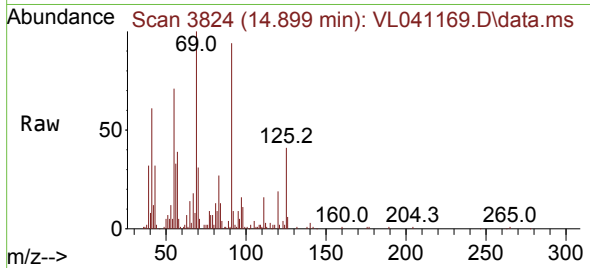




#71
2-Chlorotoluene
Concen: 0.076 ppbv
RT: 14.899 min Scan# 3824
Delta R.T. 0.126 min
Lab File: VL041169.D
Acq: 25 Apr 2024 13:56

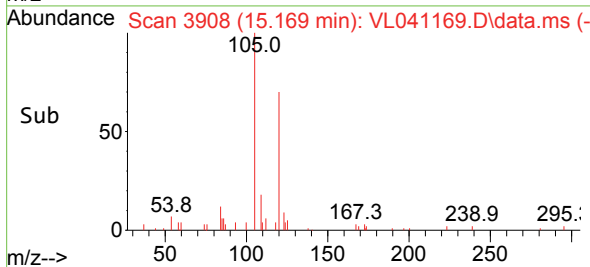
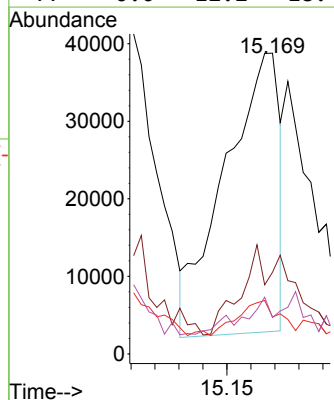
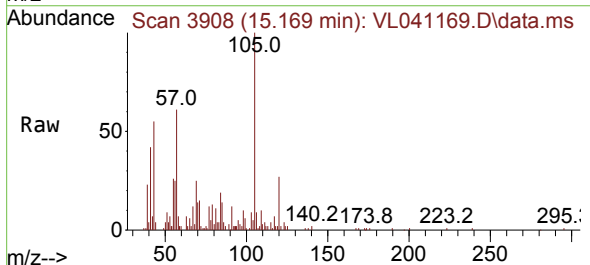
Instrument :
MSVOA_L
ClientSampleId :
SV1

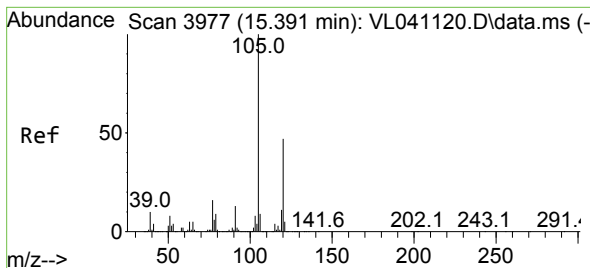
Tgt Ion: 91 Resp: 25379
Ion Ratio Lower Upper
91 100
126 21.6 12.5 50.1



#72
4-Ethyltoluene
Concen: 0.174 ppbv
RT: 15.169 min Scan# 3908
Delta R.T. 0.003 min
Lab File: VL041169.D
Acq: 25 Apr 2024 13:56

Tgt Ion: 105 Resp: 56916
Ion Ratio Lower Upper
105 100
120 46.1 24.2 36.2#
91 18.9 11.2 16.8#
77 0.0 12.2 18.4#





#73

1,3,5-Trimethylbenzene

Concen: 0.084 ppbv

RT: 15.323 min Scan# 3977

Delta R.T. -0.003 min

Lab File: VL041169.D

Acq: 25 Apr 2024 13:56

Instrument :

MSVOA_L

ClientSampleId :

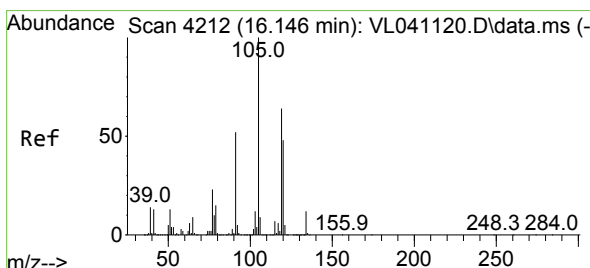
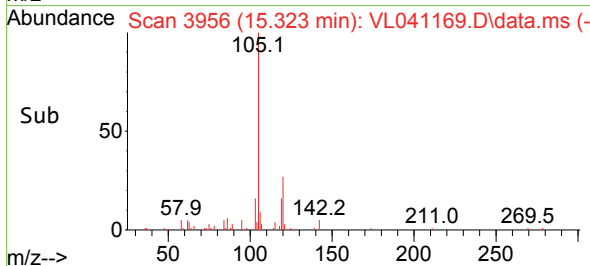
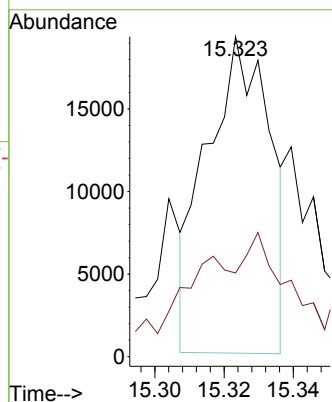
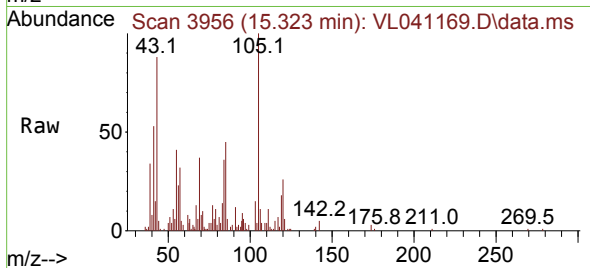
SV1

Tgt Ion:105 Resp: 24289

Ion Ratio Lower Upper

105 100

120 5.9 37.8 56.8#



#74

1,2,4-Trimethylbenzene

Concen: 0.201 ppbv

RT: 16.072 min Scan# 4189

Delta R.T. -0.009 min

Lab File: VL041169.D

Acq: 25 Apr 2024 13:56

Tgt Ion:105 Resp: 66186

Ion Ratio Lower Upper

105 100

120 43.0 38.9 58.3

91 12.4 43.0 64.6#

77 11.5 18.6 28.0#

