

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072924\
 Data File : VL041435.D
 Acq On : 29 Jul 2024 19:02
 Operator : SY/MD
 Sample : P3342-12 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

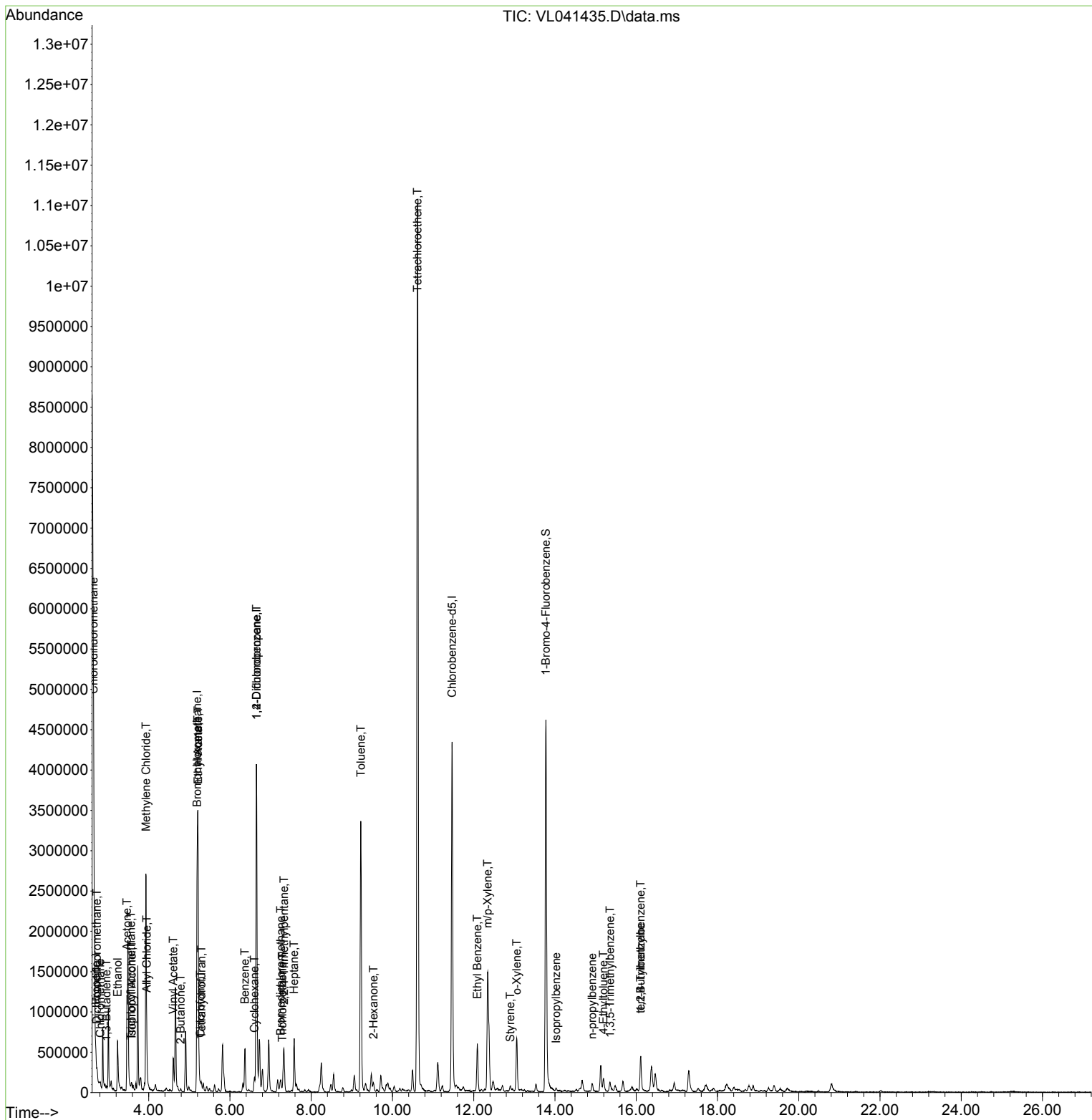
Quant Time: Jul 30 02:53:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jul 30 02:42:20 2024
 Response via : Initial Calibration

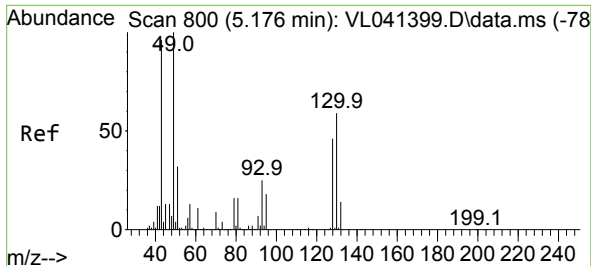
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	5.192	49	1114611	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.651	114	3038335	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	2843572	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	2248620	10.276	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	= 102.800%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.725	85	25659	0.134	ppbv	99
3) Chlorodifluoromethane	2.645	51	157965	1.190	ppbv #	62
4) Chloromethane	2.809	50	17161	0.243	ppbv	93
9) Propene	2.700	41	26853	0.441	ppbv	84
10) Heptane	7.581	43	264610	1.932	ppbv	99
11) Trichlorofluoromethane	3.565	101	8346	0.049	ppbv	93
13) Ethanol	3.237	45	674114	123.737	ppbv	98
15) Acetone	3.465	43	1008470	7.963	ppbv	92
16) 1,3-Butadiene	2.960	39	8710	0.129	ppbv #	10
19) Isopropyl Alcohol	3.584	45	85837	1.159	ppbv #	1
20) Methylene Chloride	3.934	84	850921	18.018	ppbv	96
21) Allyl Chloride	3.954	41	36957	0.445	ppbv #	46
23) Vinyl Acetate	4.606	43	143517	1.484	ppbv #	1
25) Ethyl Acetate	5.214	43	802921	3.191	ppbv #	82
26) Hexane	5.211	57	1143570	10.957	ppbv #	38
29) Chloroform	5.275	83	16343	0.096	ppbv	83
30) Cyclohexane	6.603	84	52222	0.614	ppbv	87
34) 2-Butanone	4.787	43	22860	0.156	ppbv #	51
36) Benzene	6.368	78	435245	1.960	ppbv	97
38) Trichloroethene	7.288	130	4606	0.045	ppbv #	56
39) 1,2-Dichloropropane	6.651	63	740867	8.716	ppbv #	25
41) Tetrahydrofuran	5.295	42	10777	0.128	ppbv #	38
42) Bromodichloromethane	7.249	83	9592	0.053	ppbv #	28
44) 2,2,4-Trimethylpentane	7.330	57	416754	1.124	ppbv #	81
51) 2-Hexanone	9.536	43	18624	0.106	ppbv #	30
52) Tetrachloroethene	10.619	164	2946479	34.347	ppbv	98
53) Toluene	9.220	91	2655944	10.740	ppbv	100
58) Ethyl Benzene	12.088	91	515887	1.574	ppbv	97
59) m/p-Xylene	12.342	91	1571480	5.554	ppbv	97
60) o-Xylene	13.056	91	518277	1.936	ppbv	99
61) Styrene	12.899	104	35968	0.298	ppbv	92
62) Isopropylbenzene	14.027	105	18679	0.046	ppbv #	49
64) n-propylbenzene	14.915	120	12318	0.116	ppbv #	1
65) tert-Butylbenzene	16.104	119	17540	0.048	ppbv #	1
72) 4-Ethyltoluene	15.194	105	126678	0.402	ppbv #	97
73) 1,3,5-Trimethylbenzene	15.355	105	80005	0.295	ppbv	92
74) 1,2,4-Trimethylbenzene	16.111	105	341972	1.084	ppbv #	68

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

Quant Time: Jul 30 02:53:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Jul 30 02:42:20 2024
Response via : Initial Calibration

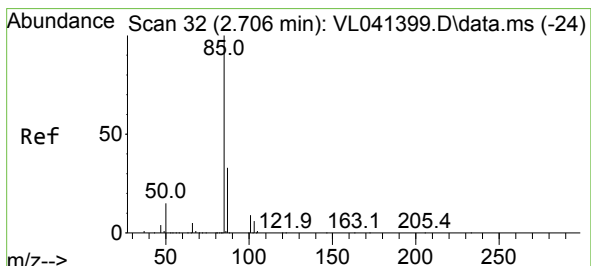
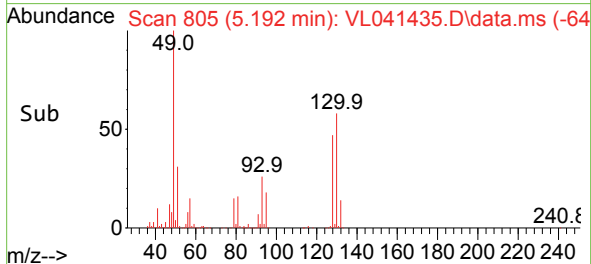
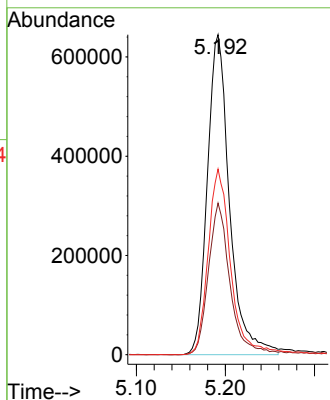
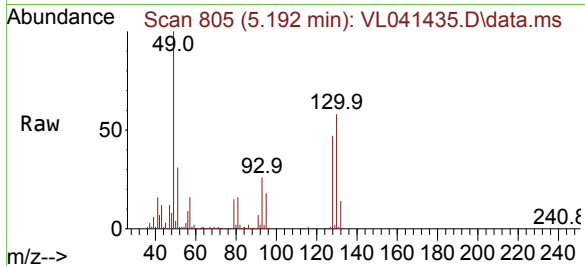




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.192 min Scan# 80
 Delta R.T. 0.013 min
 Lab File: VL041435.D
 Acq: 29 Jul 2024 19:02

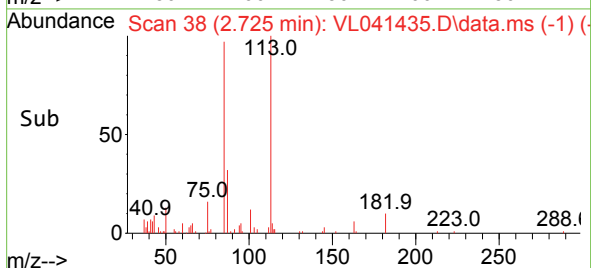
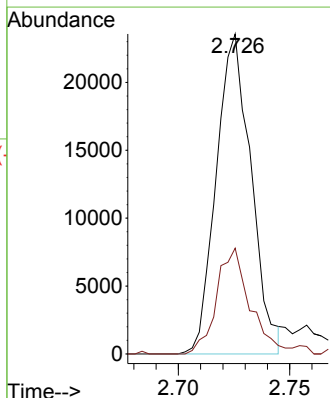
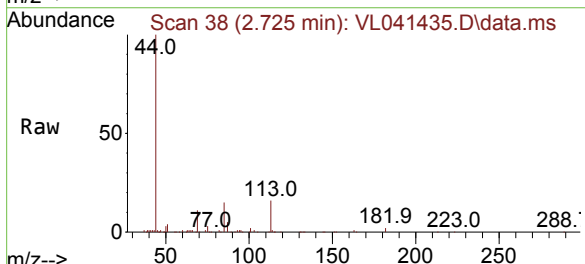
Instrument :
 MSVOA_L
 ClientSampleId :

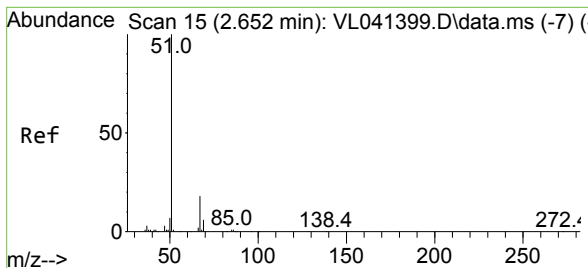
Tgt Ion: 49 Resp: 1114611
 Ion Ratio Lower Upper
 49 100
 128 47.5 23.8 71.4
 130 60.7 30.8 92.4



#2
 Dichlorodifluoromethane
 Concen: 0.134 ppbv
 RT: 2.725 min Scan# 38
 Delta R.T. 0.016 min
 Lab File: VL041435.D
 Acq: 29 Jul 2024 19:02

Tgt Ion: 85 Resp: 25659
 Ion Ratio Lower Upper
 85 100
 87 33.0 26.0 39.0





#3

Chlorodifluoromethane

Concen: 1.190 ppbv

RT: 2.645 min Scan# 11

Delta R.T. -0.010 min

Lab File: VL041435.D

Acq: 29 Jul 2024 19:02

Instrument :

MSVOA_L

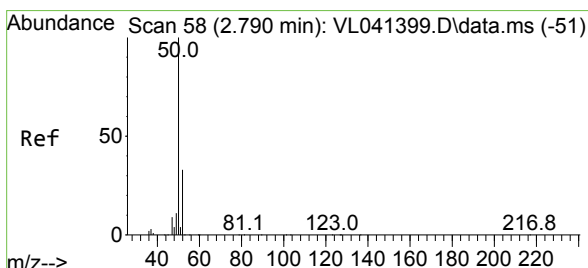
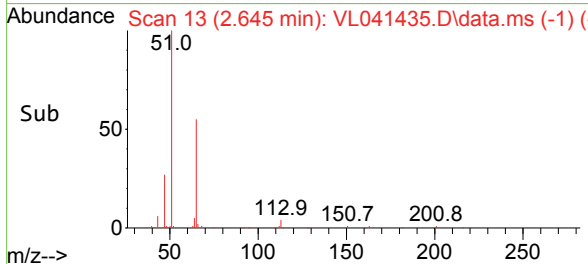
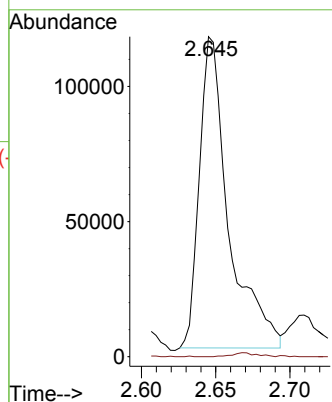
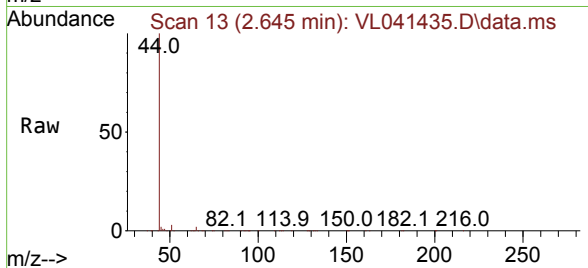
ClientSampleId :

Tgt Ion: 51 Resp: 157965

Ion Ratio Lower Upper

51 100

67 1.1 14.5 21.7#



#4

Chloromethane

Concen: 0.243 ppbv

RT: 2.809 min Scan# 64

Delta R.T. 0.016 min

Lab File: VL041435.D

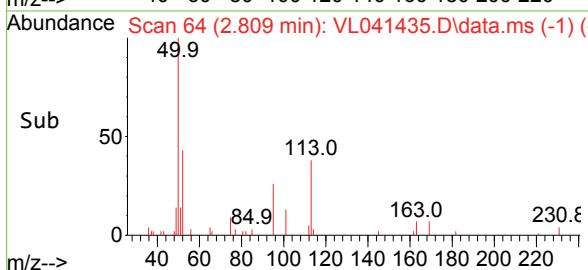
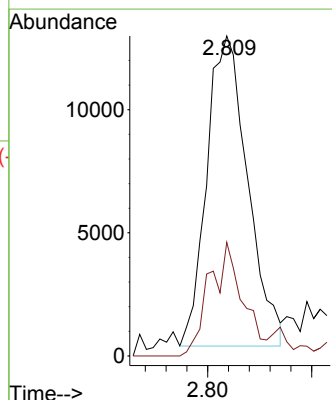
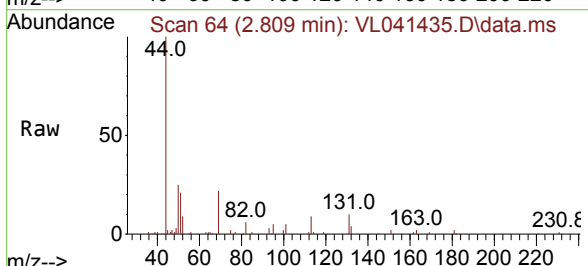
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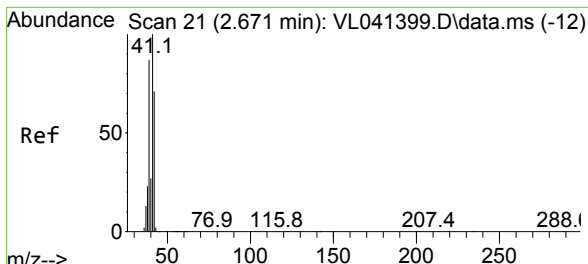
Tgt Ion: 50 Resp: 17161

Ion Ratio Lower Upper

50 100

52 36.7 26.1 39.1

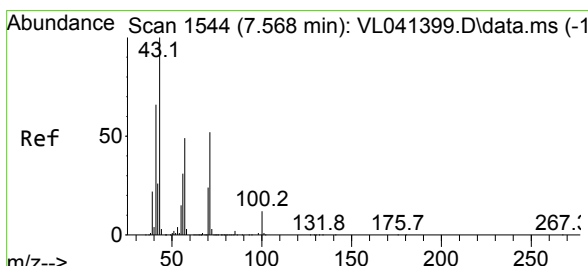
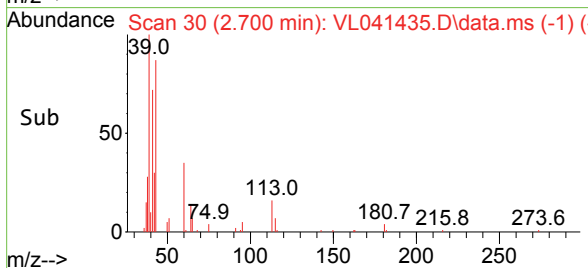
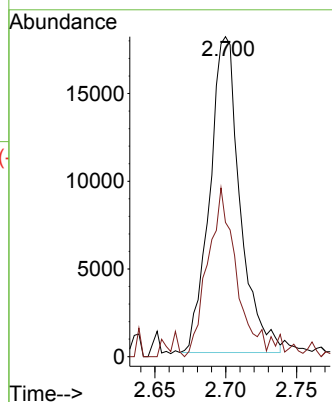
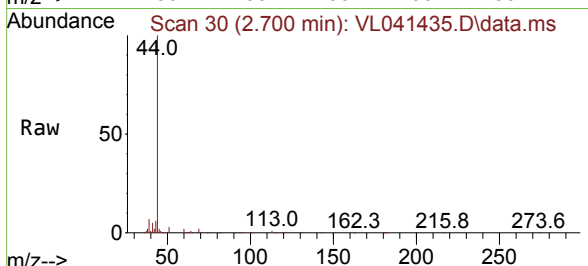




#9
 Propene
 Concen: 0.441 ppbv
 RT: 2.700 min Scan# 30
 Delta R.T. 0.029 min
 Lab File: VL041435.D
 Acq: 29 Jul 2024 19:02

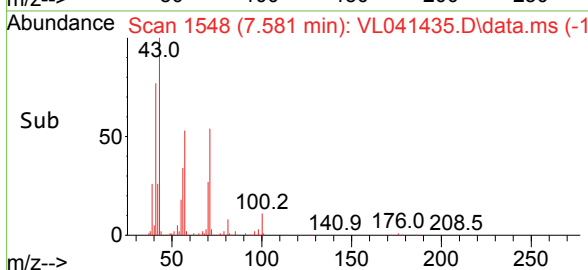
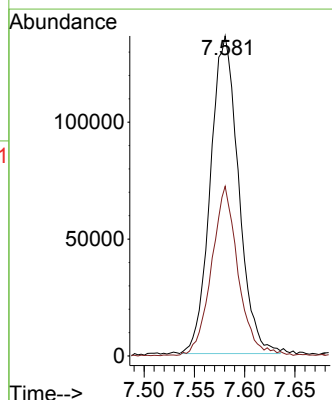
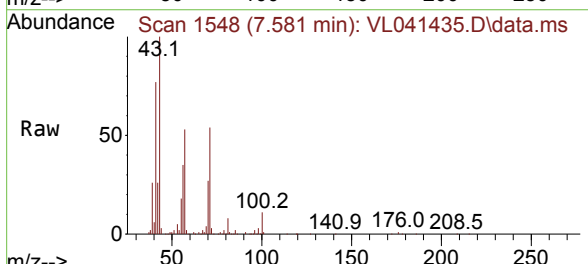
Instrument :
 MSVOA_L
 ClientSampleId :

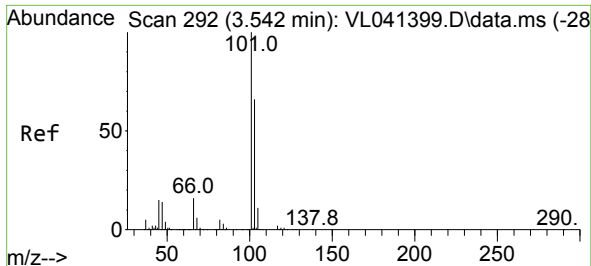
Tgt Ion: 41 Resp: 26853
 Ion Ratio Lower Upper
 41 100
 42 57.0 55.9 83.9



#10
 Heptane
 Concen: 1.932 ppbv
 RT: 7.581 min Scan# 1548
 Delta R.T. 0.010 min
 Lab File: VL041435.D
 Acq: 29 Jul 2024 19:02

Tgt Ion: 43 Resp: 264610
 Ion Ratio Lower Upper
 43 100
 57 51.3 40.5 60.7

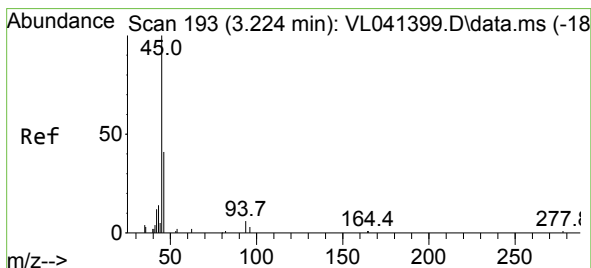
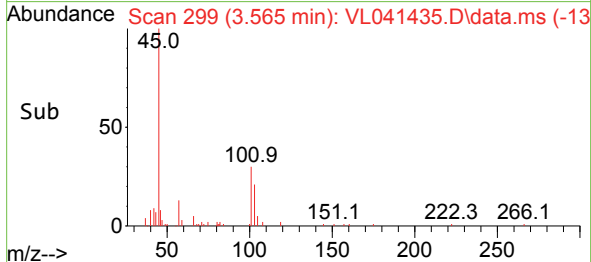
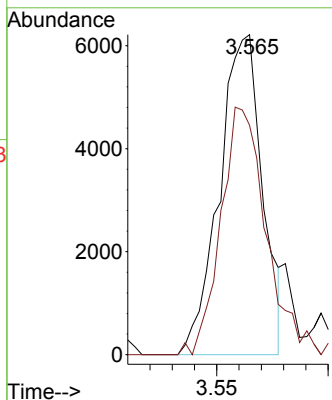
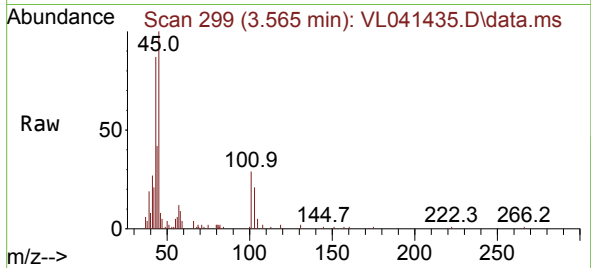




#11
 Trichlorofluoromethane
 Concen: 0.049 ppbv
 RT: 3.565 min Scan# 292
 Delta R.T. 0.019 min
 Lab File: VL041435.D
 Acq: 29 Jul 2024 19:02

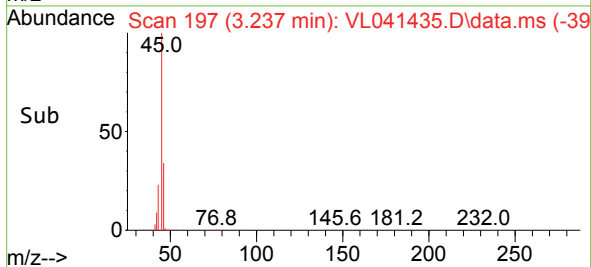
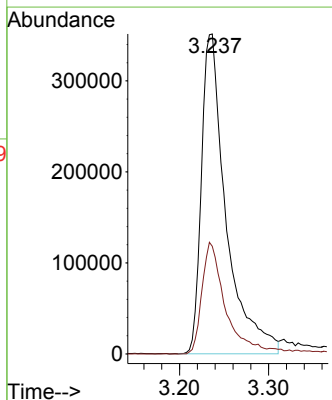
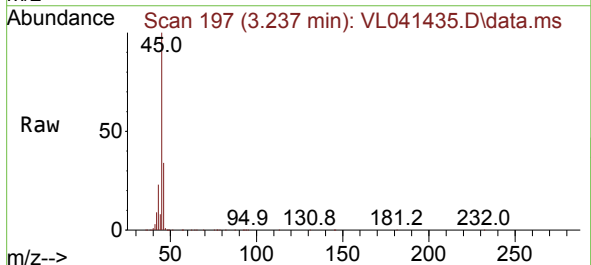
Instrument :
 MSVOA_L
 ClientSampleId :

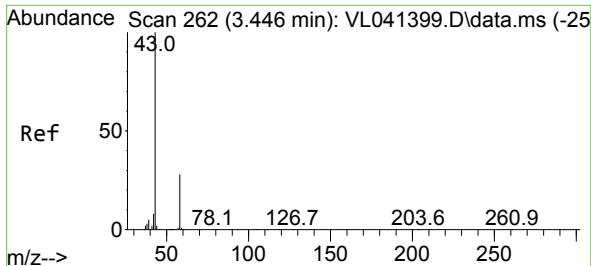
Tgt Ion:101 Resp: 8346
 Ion Ratio Lower Upper
 101 100
 103 71.7 52.6 79.0



#13
 Ethanol
 Concen: 123.737 ppbv
 RT: 3.237 min Scan# 197
 Delta R.T. 0.010 min
 Lab File: VL041435.D
 Acq: 29 Jul 2024 19:02

Tgt Ion: 45 Resp: 674114
 Ion Ratio Lower Upper
 45 100
 46 34.8 13.4 53.4





#15

Acetone

Concen: 7.963 ppbv

RT: 3.465 min Scan# 2

Delta R.T. 0.013 min

Lab File: VL041435.D

Acq: 29 Jul 2024 19:02

Instrument :

MSVOA_L

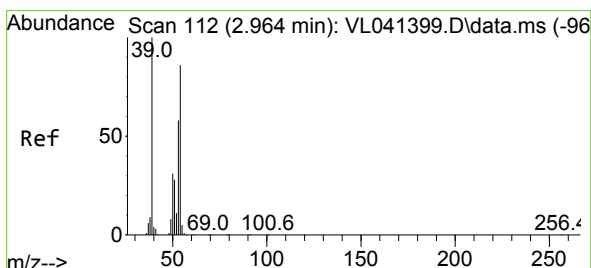
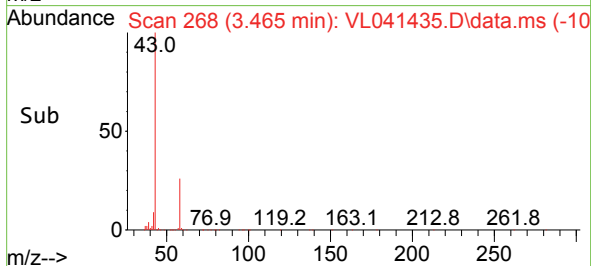
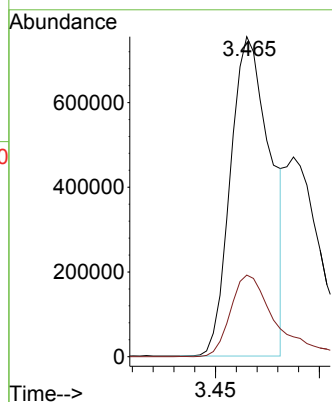
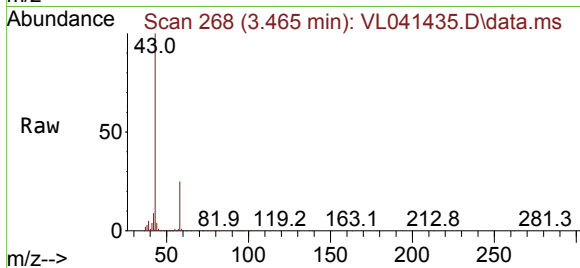
ClientSampleId :

Tgt Ion: 43 Resp: 1008470

Ion Ratio Lower Upper

43 100

58 31.1 21.4 32.2



#16

1,3-Butadiene

Concen: 0.129 ppbv

RT: 2.960 min Scan# 111

Delta R.T. -0.007 min

Lab File: VL041435.D

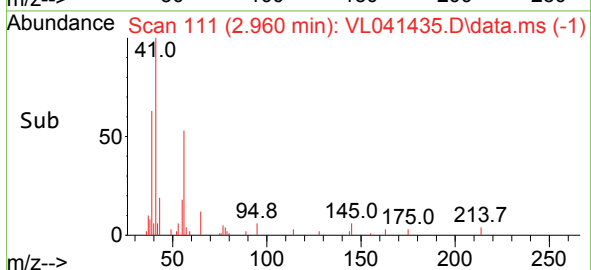
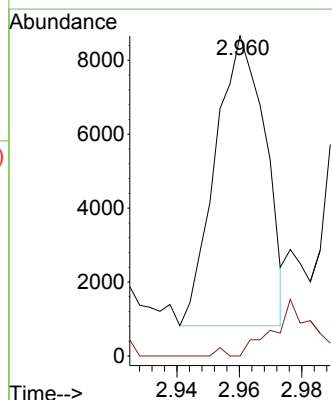
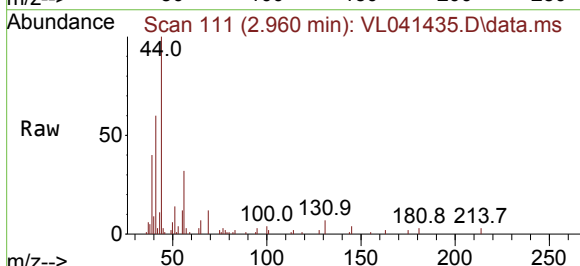
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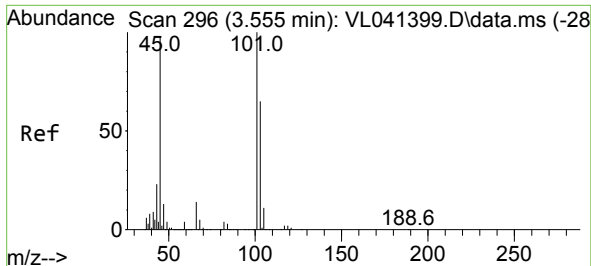
Tgt Ion: 39 Resp: 8710

Ion Ratio Lower Upper

39 100

54 0.0 62.5 93.7#





#19

Isopropyl Alcohol

Concen: 1.159 ppbv

RT: 3.584 min Scan# 305

Delta R.T. 0.022 min

Lab File: VL041435.D

Acq: 29 Jul 2024 19:02

Instrument :

MSVOA_L

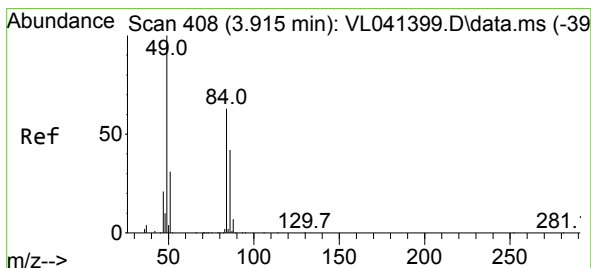
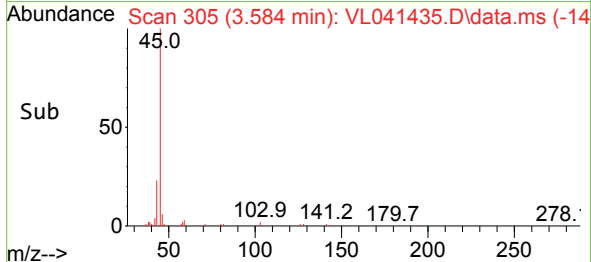
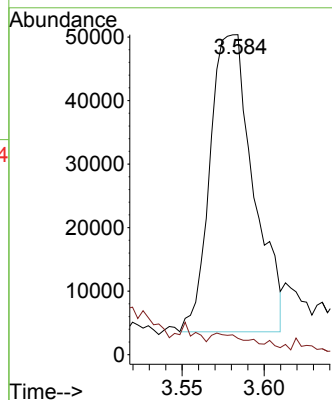
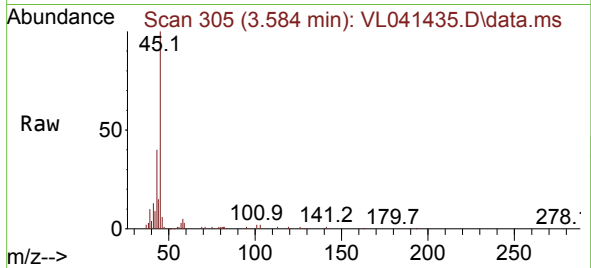
ClientSampleId :

Tgt Ion: 45 Resp: 85837

Ion Ratio Lower Upper

45 100

58 352.2 1.9 2.9#



#20

Methylene Chloride

Concen: 18.018 ppbv

RT: 3.934 min Scan# 414

Delta R.T. 0.016 min

Lab File: VL041435.D

Acq: 29 Jul 2024 19:02

Tgt Ion: 84 Resp: 850921

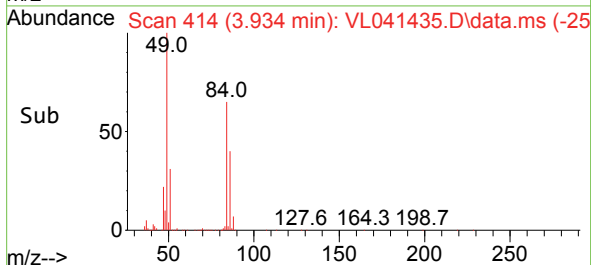
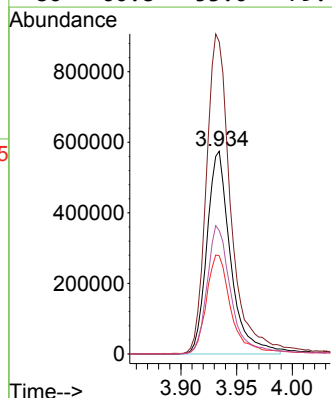
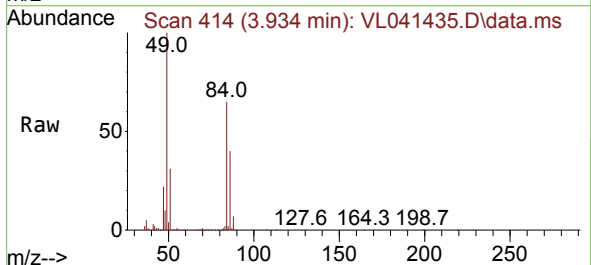
Ion Ratio Lower Upper

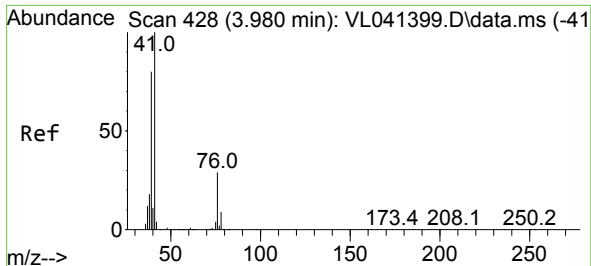
84 100

49 153.9 126.6 190.0

51 48.2 38.6 58.0

86 60.8 53.0 79.4

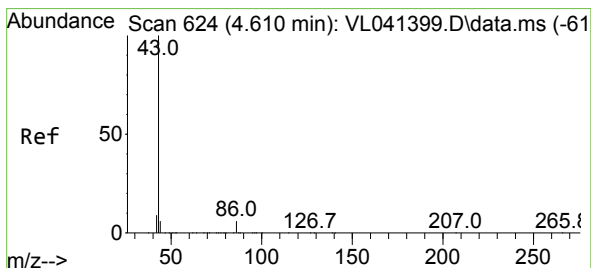
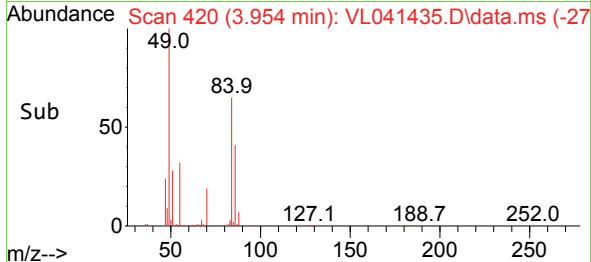
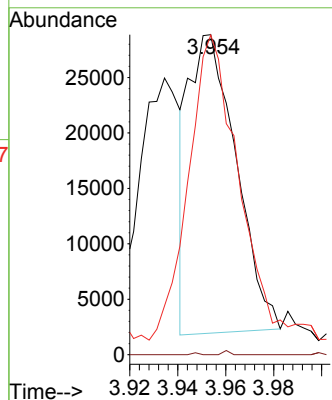
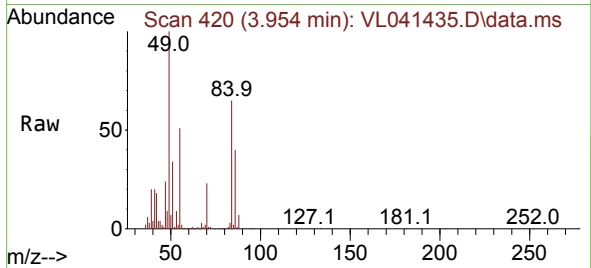




#21
 Allyl Chloride
 Concen: 0.445 ppbv
 RT: 3.954 min Scan# 41
 Delta R.T. -0.026 min
 Lab File: VL041435.D
 Acq: 29 Jul 2024 19:02

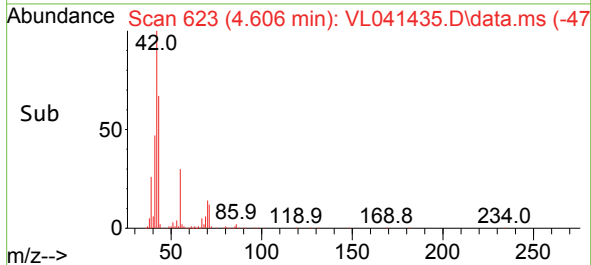
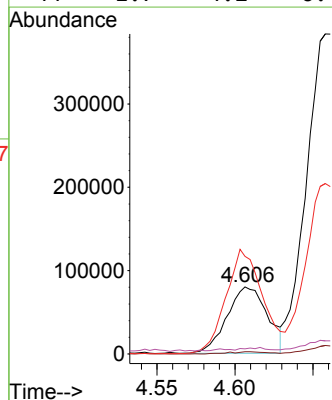
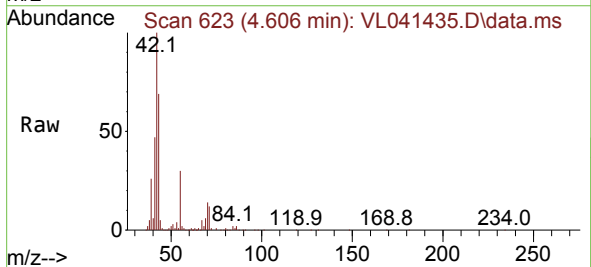
Instrument :
 MSVOA_L
 ClientSampleId :

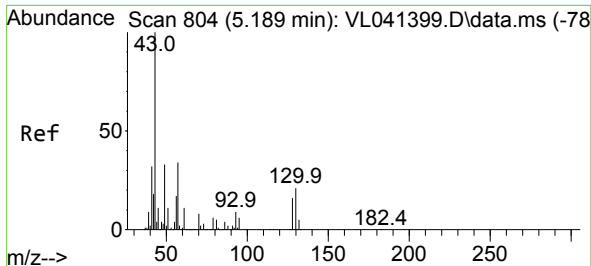
Tgt Ion: 41 Resp: 36957
 Ion Ratio Lower Upper
 41 100
 76 0.3 23.7 35.5#
 39 128.3 64.3 96.5#



#23
 Vinyl Acetate
 Concen: 1.484 ppbv
 RT: 4.606 min Scan# 623
 Delta R.T. -0.007 min
 Lab File: VL041435.D
 Acq: 29 Jul 2024 19:02

Tgt Ion: 43 Resp: 143517
 Ion Ratio Lower Upper
 43 100
 86 3.5 4.6 6.8#
 42 146.4 7.9 11.9#
 44 1.7 4.2 6.4#

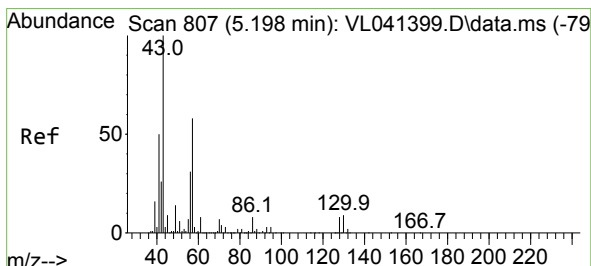
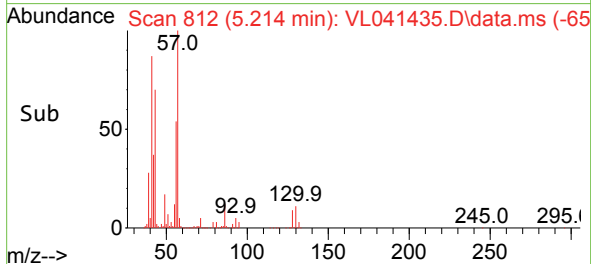
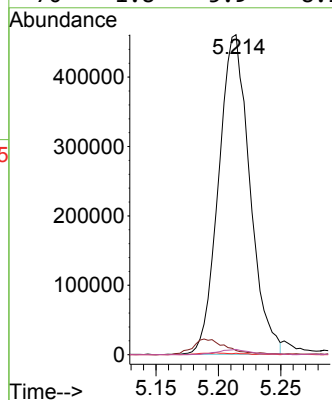
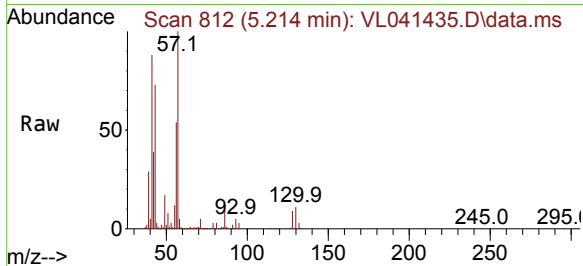




#25
Ethyl Acetate
Concen: 3.191 ppbv
RT: 5.214 min Scan# 811
Delta R.T. 0.022 min
Lab File: VL041435.D
Acq: 29 Jul 2024 19:02

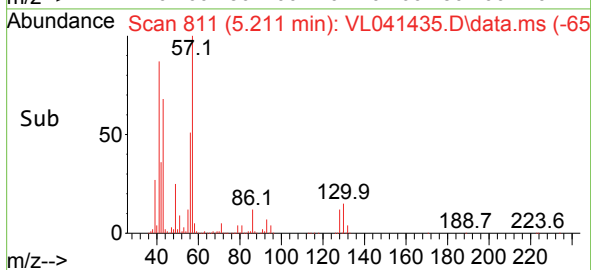
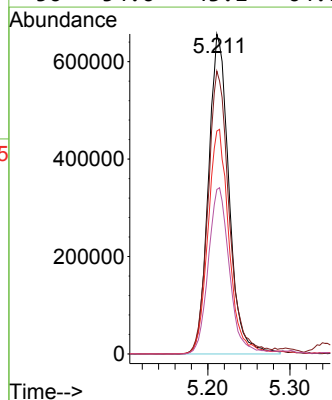
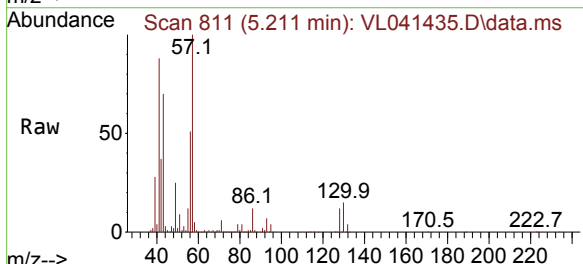
Instrument :
MSVOA_L
ClientSampleId :

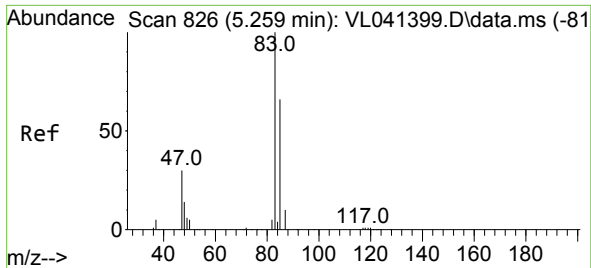
Tgt Ion: 43 Resp: 802921
Ion Ratio Lower Upper
43 100
45 5.8 8.5 12.7#
61 0.8 8.0 12.0#
70 1.8 5.9 8.9#



#26
Hexane
Concen: 10.957 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.013 min
Lab File: VL041435.D
Acq: 29 Jul 2024 19:02

Tgt Ion: 57 Resp: 1143570
Ion Ratio Lower Upper
57 100
41 91.5 74.0 111.0
43 72.6 193.6 290.4#
56 54.6 43.1 64.7

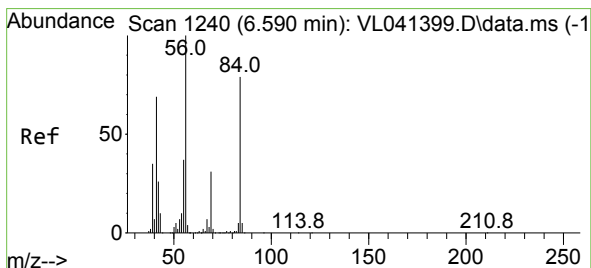
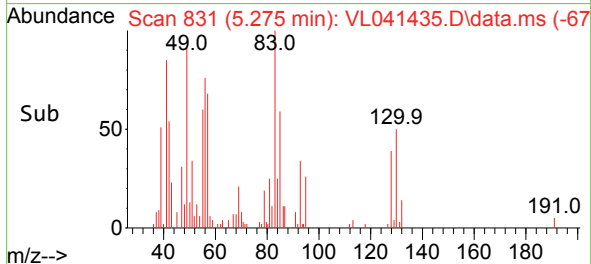
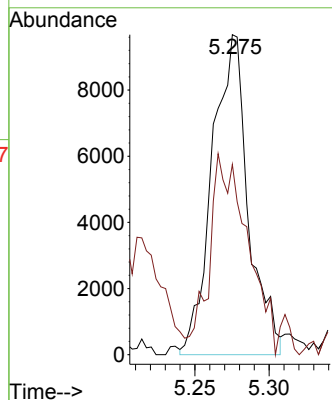
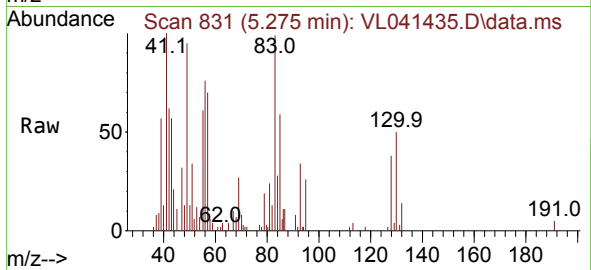




#29
Chloroform
Concen: 0.096 ppbv
RT: 5.275 min Scan# 81
Delta R.T. 0.013 min
Lab File: VL041435.D
Acq: 29 Jul 2024 19:02

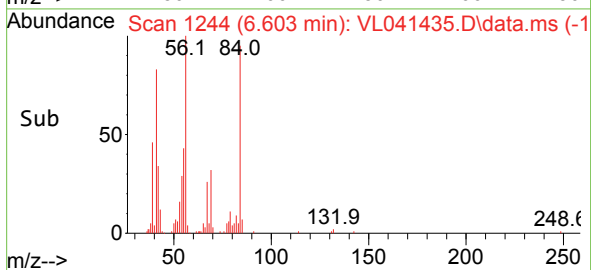
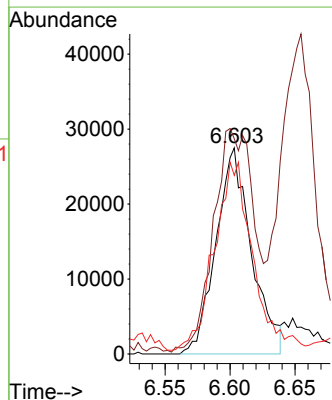
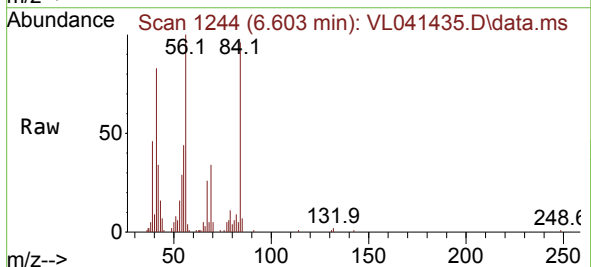
Instrument :
MSVOA_L
ClientSampleId :

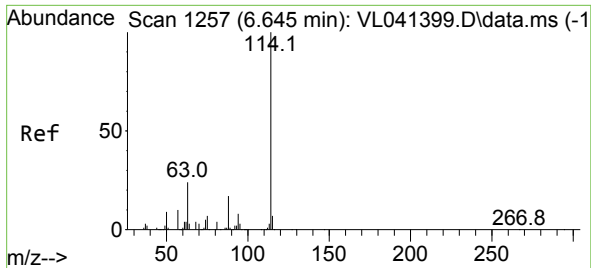
Tgt Ion: 83 Resp: 16343
Ion Ratio Lower Upper
83 100
85 53.1 53.1 79.7



#30
Cyclohexane
Concen: 0.614 ppbv
RT: 6.603 min Scan# 1244
Delta R.T. 0.010 min
Lab File: VL041435.D
Acq: 29 Jul 2024 19:02

Tgt Ion: 84 Resp: 52222
Ion Ratio Lower Upper
84 100
56 125.0 111.2 166.8
41 101.5 70.3 105.5





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.651 min Scan# 114

Delta R.T. 0.006 min

Lab File: VL041435.D

Acq: 29 Jul 2024 19:02

Instrument :

MSVOA_L

ClientSampleId :

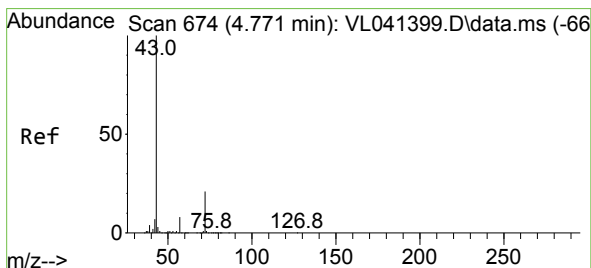
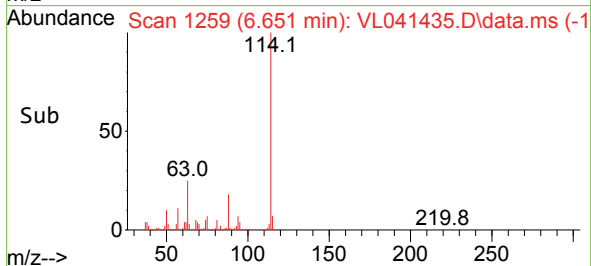
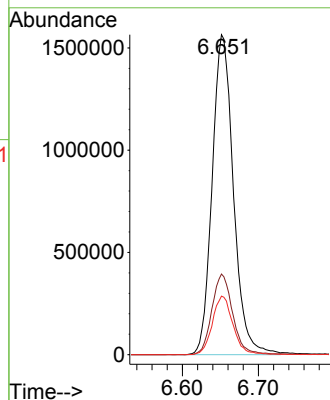
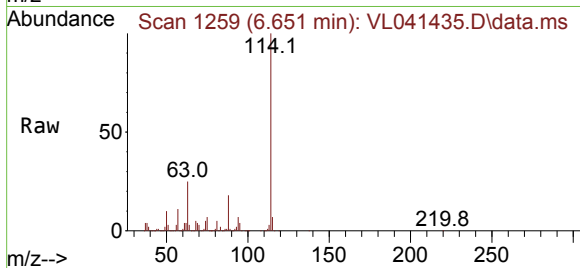
Tgt Ion:114 Resp: 3038335

Ion Ratio Lower Upper

114 100

63 24.9 20.3 30.5

88 17.9 14.3 21.5



#34

2-Butanone

Concen: 0.156 ppbv

RT: 4.787 min Scan# 679

Delta R.T. 0.013 min

Lab File: VL041435.D

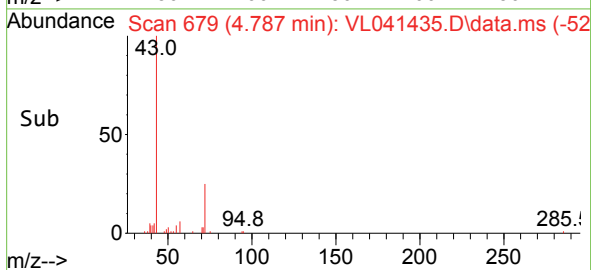
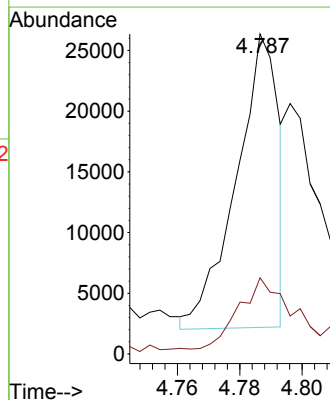
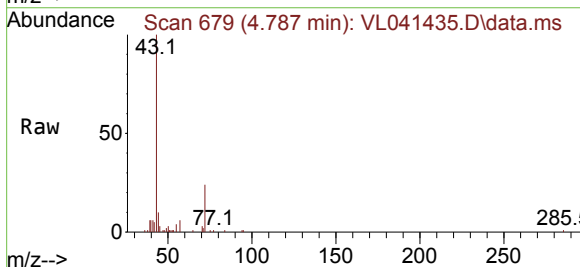
Acq: 29 Jul 2024 19:02

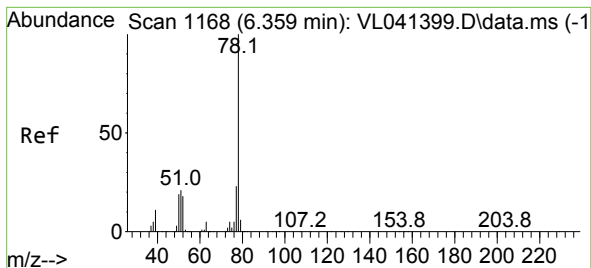
Tgt Ion: 43 Resp: 22860

Ion Ratio Lower Upper

43 100

72 44.7 17.3 25.9#





#36

Benzene

Concen: 1.960 ppbv

RT: 6.368 min Scan# 1168

Delta R.T. 0.010 min

Lab File: VL041435.D

Acq: 29 Jul 2024 19:02

Instrument :

MSVOA_L

ClientSampleId :

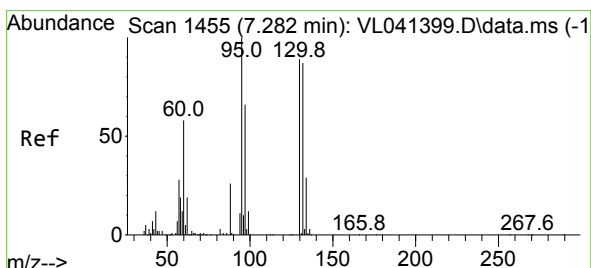
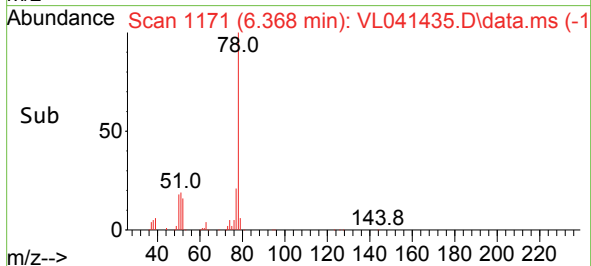
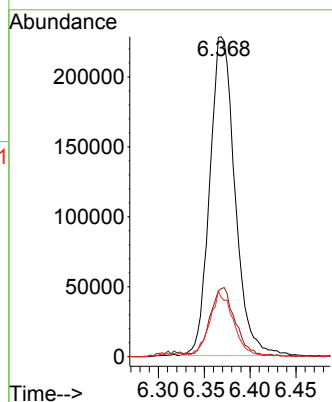
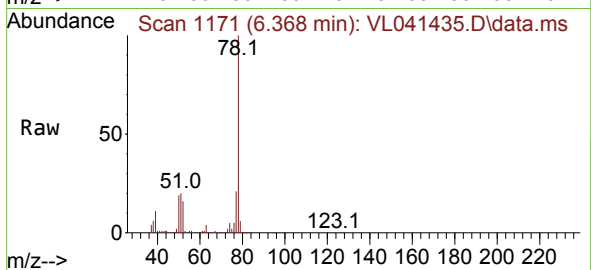
Tgt Ion: 78 Resp: 435245

Ion Ratio Lower Upper

78 100

77 21.1 18.1 27.1

50 18.4 15.5 23.3



#38

Trichloroethene

Concen: 0.045 ppbv

RT: 7.288 min Scan# 1457

Delta R.T. 0.006 min

Lab File: VL041435.D

Acq: 29 Jul 2024 19:02

Tgt Ion:130 Resp: 4606

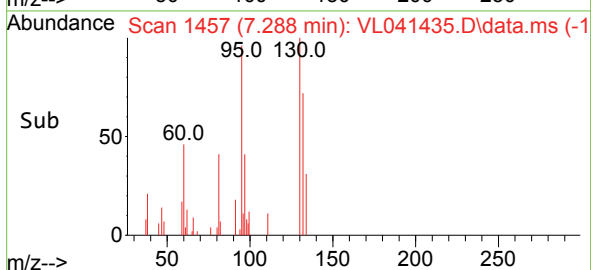
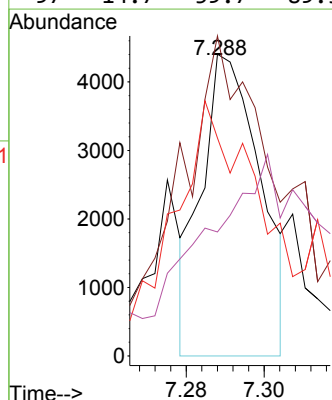
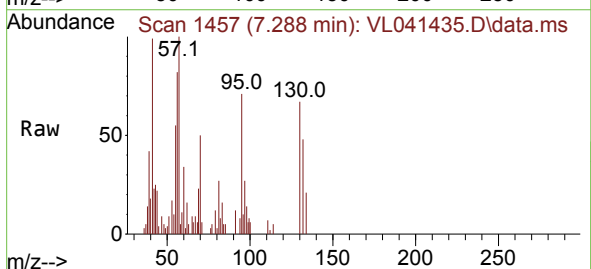
Ion Ratio Lower Upper

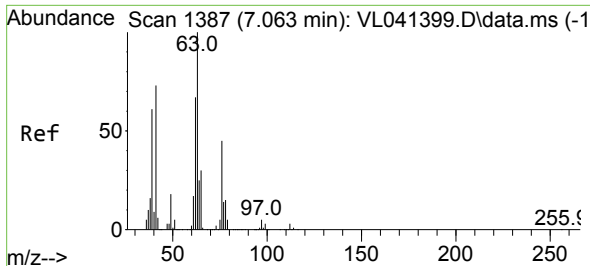
130 100

95 90.5 90.2 135.2

132 46.4 78.1 117.1#

97 14.7 59.7 89.5#





#39

1,2-Dichloropropane

Concen: 8.716 ppbv

RT: 6.651 min Scan# 11

Delta R.T. -0.412 min

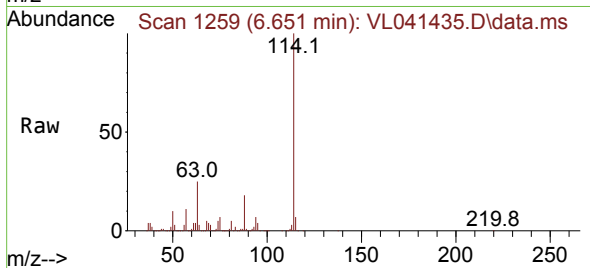
Lab File: VL041435.D

Acq: 29 Jul 2024 19:02

Instrument :

MSVOA_L

ClientSampleId :



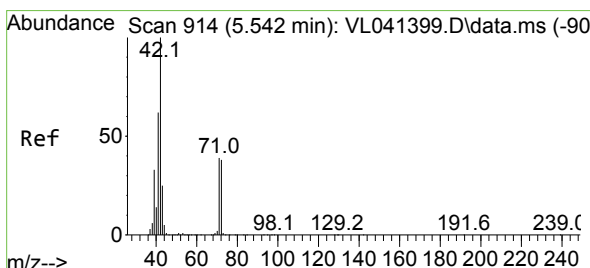
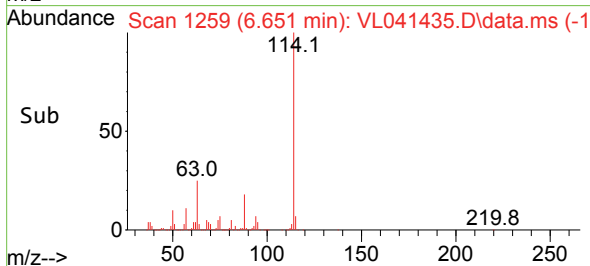
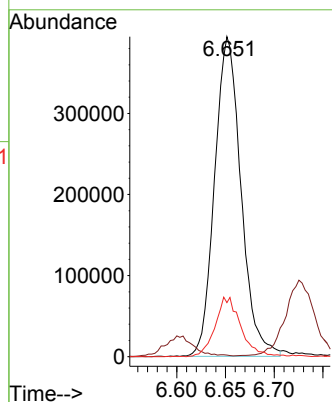
Tgt Ion: 63 Resp: 740867

Ion Ratio Lower Upper

63 100

41 0.0 58.3 87.5#

62 16.8 53.9 80.9#



#41

Tetrahydrofuran

Concen: 0.128 ppbv

RT: 5.295 min Scan# 837

Delta R.T. -0.251 min

Lab File: VL041435.D

Acq: 29 Jul 2024 19:02

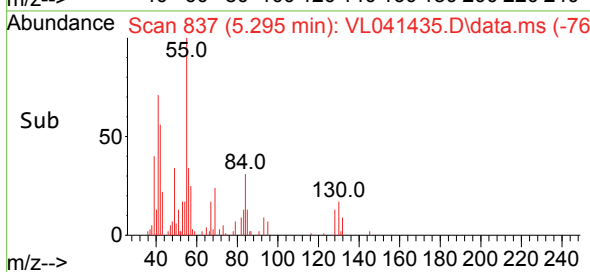
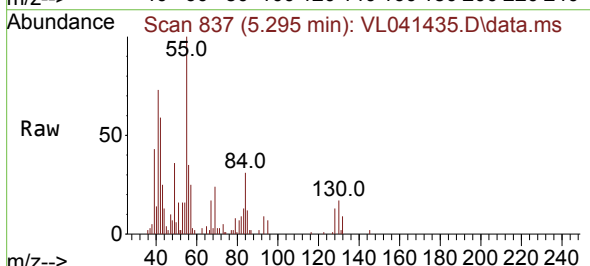
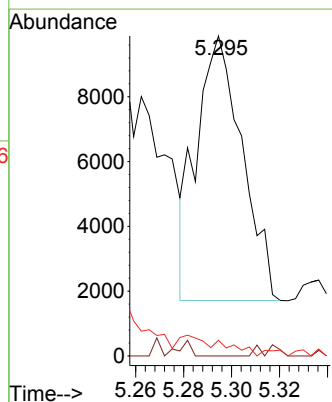
Tgt Ion: 42 Resp: 10777

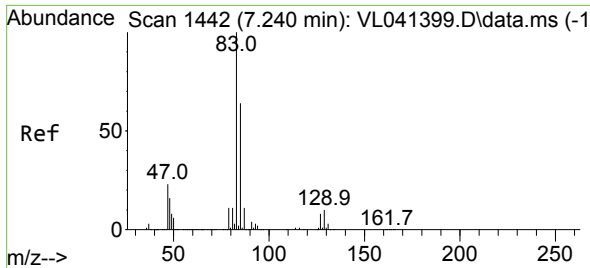
Ion Ratio Lower Upper

42 100

72 1.5 31.2 46.8#

71 0.0 30.5 45.7#

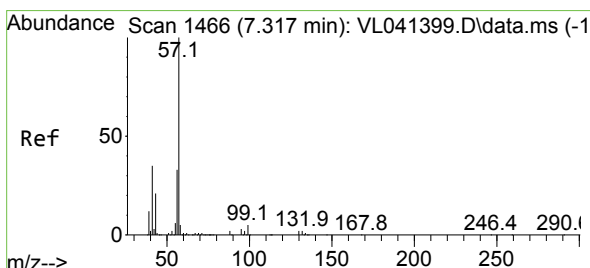
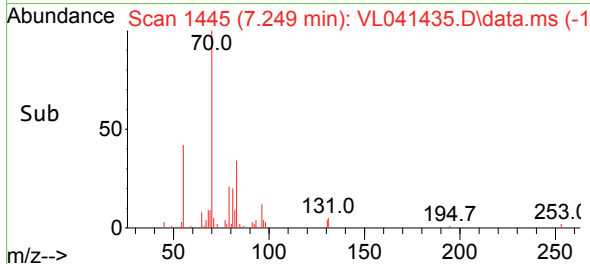
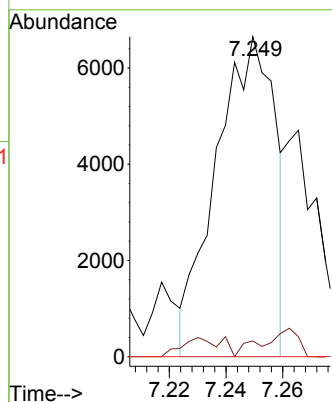
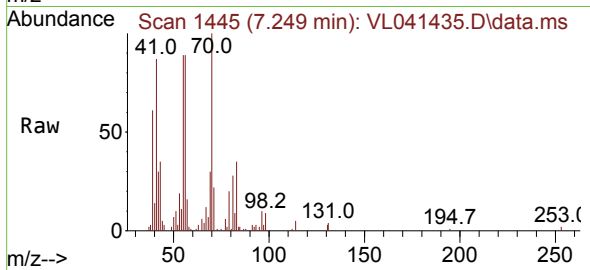




#42
Bromodichloromethane
Concen: 0.053 ppbv
RT: 7.249 min Scan# 1442
Delta R.T. 0.010 min
Lab File: VL041435.D
Acq: 29 Jul 2024 19:02

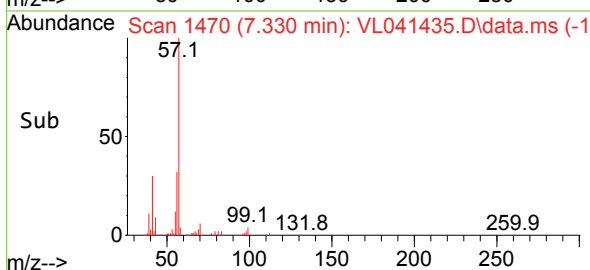
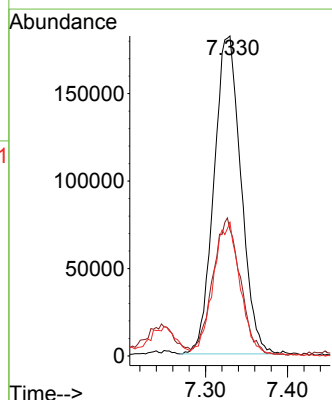
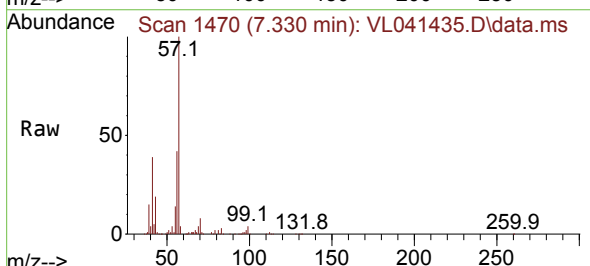
Instrument :
MSVOA_L
ClientSampleId :

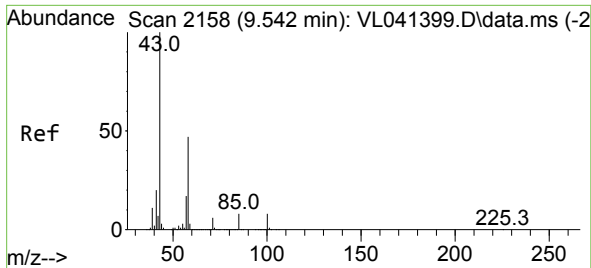
Tgt Ion: 83 Resp: 9592
Ion Ratio Lower Upper
83 100
85 2.7 51.4 77.0#
127 0.0 6.7 10.1#



#44
2,2,4-Trimethylpentane
Concen: 1.124 ppbv
RT: 7.330 min Scan# 1470
Delta R.T. 0.013 min
Lab File: VL041435.D
Acq: 29 Jul 2024 19:02

Tgt Ion: 57 Resp: 416754
Ion Ratio Lower Upper
57 100
41 43.8 27.0 40.6#
56 42.7 25.2 37.8#

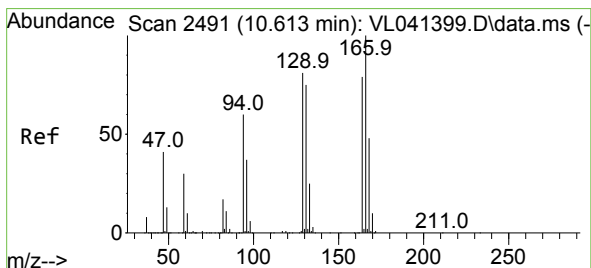
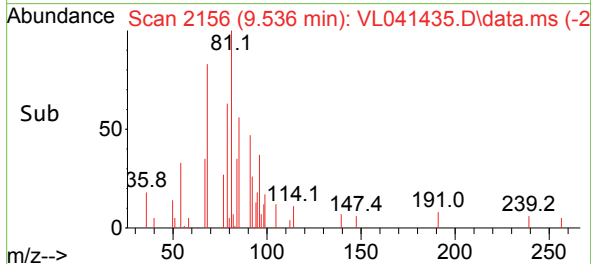
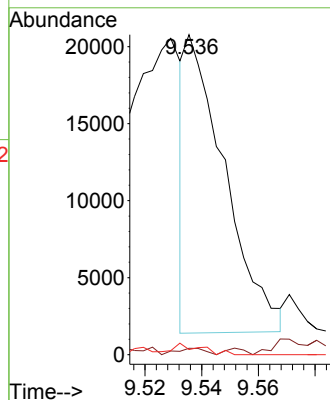
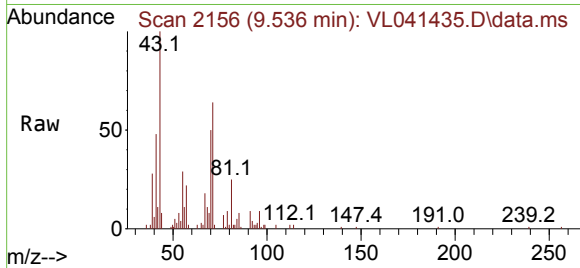




#51
2-Hexanone
Concen: 0.106 ppbv
RT: 9.536 min Scan# 2156
Delta R.T. -0.007 min
Lab File: VL041435.D
Acq: 29 Jul 2024 19:02

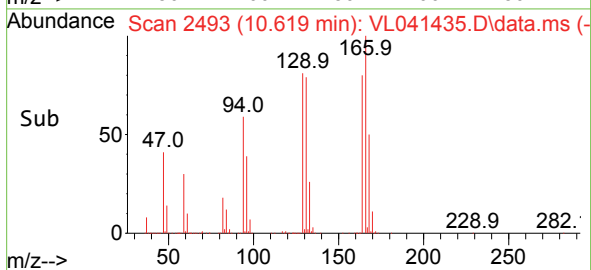
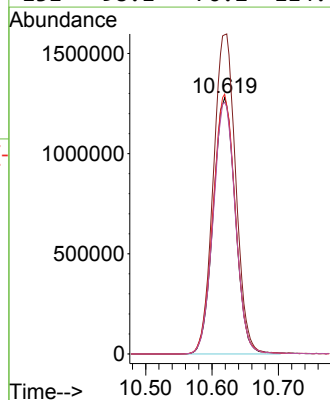
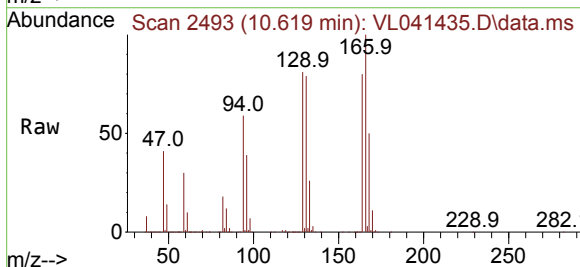
Instrument :
MSVOA_L
ClientSampleId :

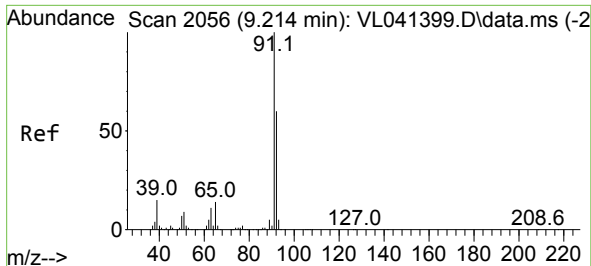
Tgt Ion: 43 Resp: 18624
Ion Ratio Lower Upper
43 100
58 0.0 38.2 57.2#
98 4.0 0.3 0.5#



#52
Tetrachloroethene
Concen: 34.347 ppbv
RT: 10.619 min Scan# 2493
Delta R.T. 0.010 min
Lab File: VL041435.D
Acq: 29 Jul 2024 19:02

Tgt Ion:164 Resp: 2946479
Ion Ratio Lower Upper
164 100
166 124.6 101.1 151.7
129 101.4 81.7 122.5
131 98.1 76.2 114.4

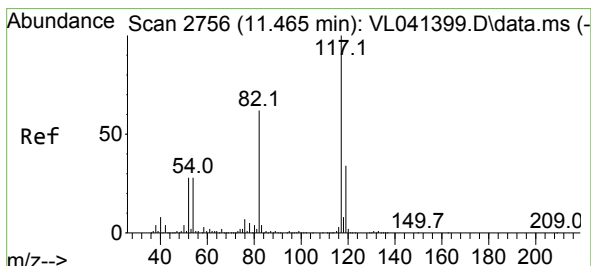
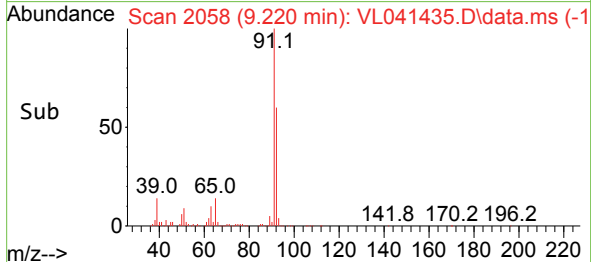
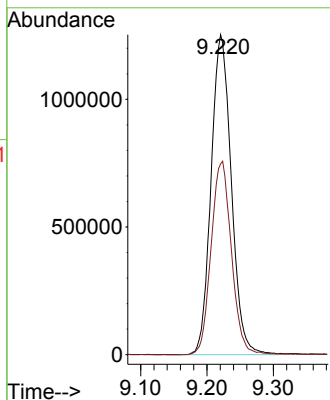
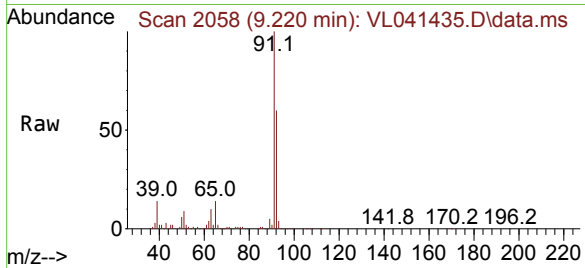




#53
Toluene
Concen: 10.740 ppbv
RT: 9.220 min Scan# 2056
Delta R.T. 0.003 min
Lab File: VL041435.D
Acq: 29 Jul 2024 19:02

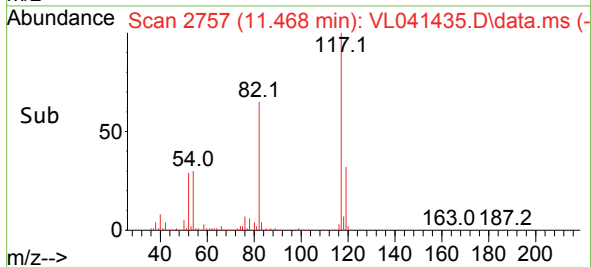
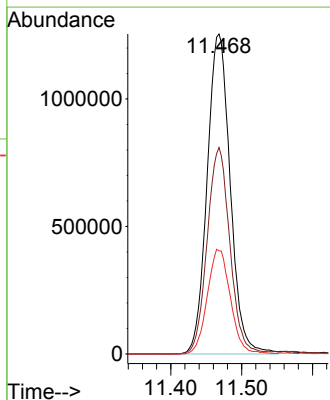
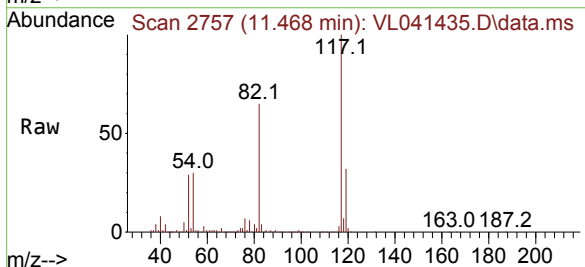
Instrument :
MSVOA_L
ClientSampleId :

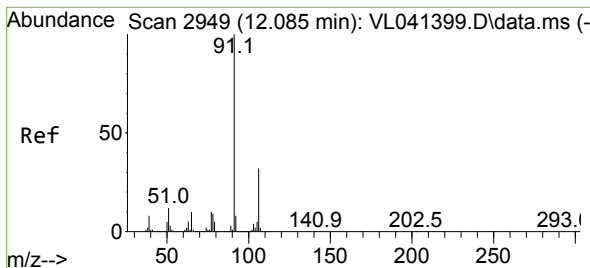
Tgt Ion: 91 Resp: 2655944
Ion Ratio Lower Upper
91 100
92 61.0 48.7 73.1



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.468 min Scan# 2757
Delta R.T. 0.003 min
Lab File: VL041435.D
Acq: 29 Jul 2024 19:02

Tgt Ion: 117 Resp: 2843572
Ion Ratio Lower Upper
117 100
82 63.8 51.0 76.6
119 32.7 45.2 67.8#





#58

Ethyl Benzene

Concen: 1.574 ppbv

RT: 12.088 min Scan# 2949

Delta R.T. 0.003 min

Lab File: VL041435.D

Acq: 29 Jul 2024 19:02

Instrument :

MSVOA_L

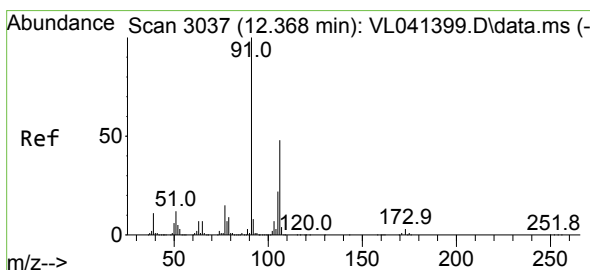
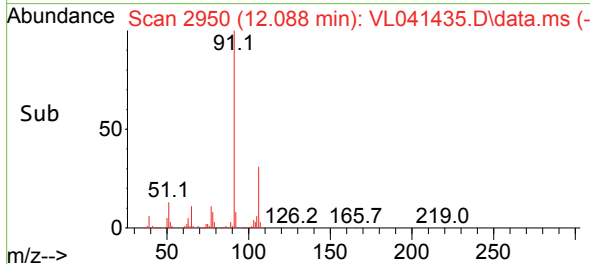
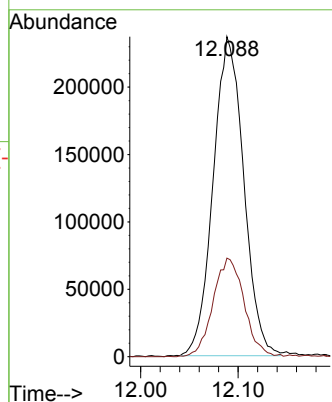
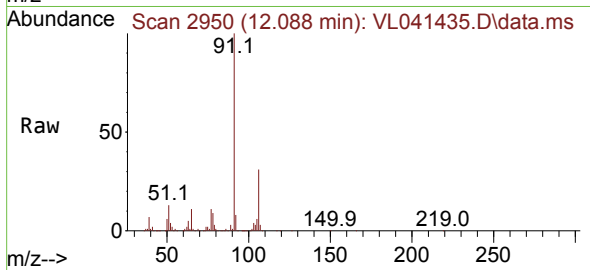
ClientSampleId :

Tgt Ion: 91 Resp: 515887

Ion Ratio Lower Upper

91 100

106 30.6 25.8 38.8



#59

m/p-Xylene

Concen: 5.554 ppbv

RT: 12.342 min Scan# 3029

Delta R.T. -0.026 min

Lab File: VL041435.D

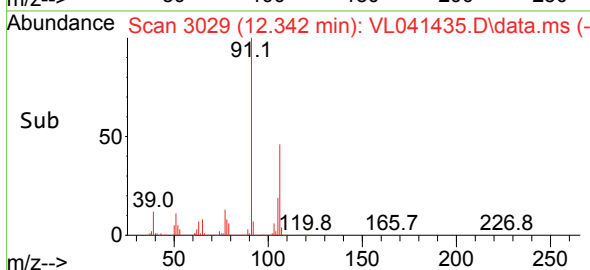
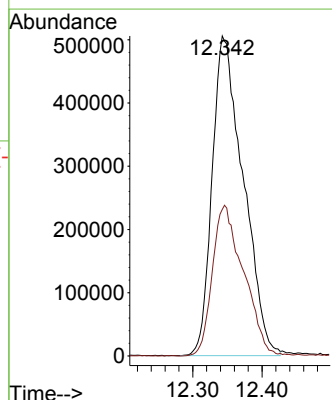
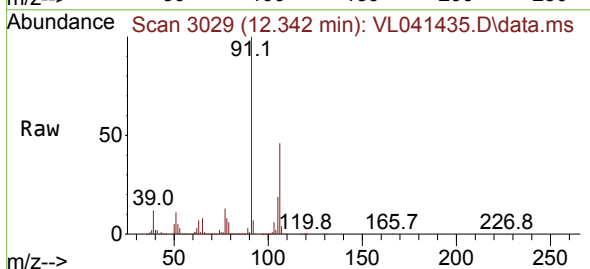
Acq: 29 Jul 2024 19:02

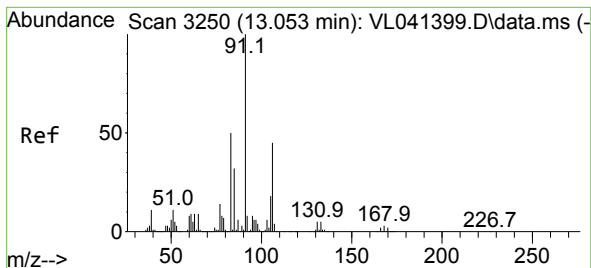
Tgt Ion: 91 Resp: 1571480

Ion Ratio Lower Upper

91 100

106 47.6 36.3 54.5

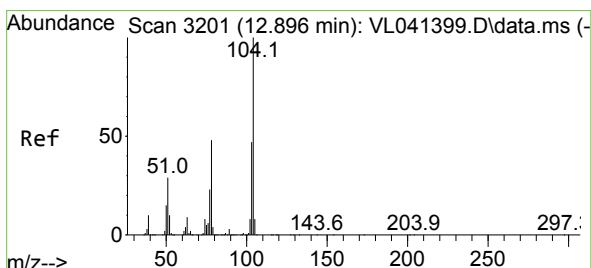
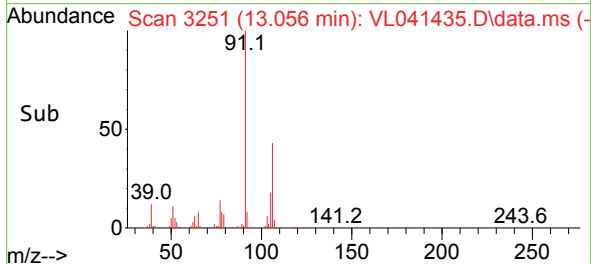
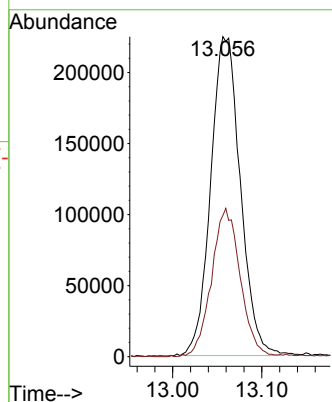
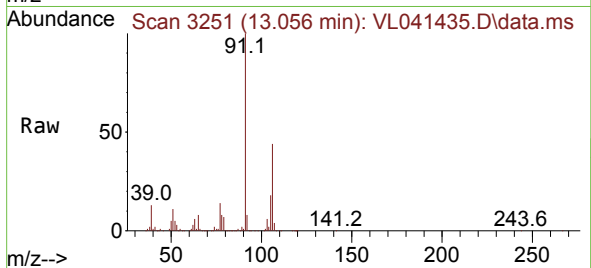




#60
o-Xylene
Concen: 1.936 ppbv
RT: 13.056 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL041435.D
Acq: 29 Jul 2024 19:02

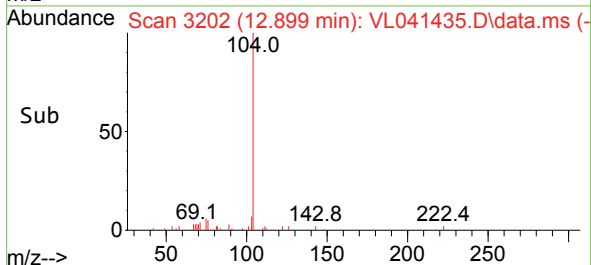
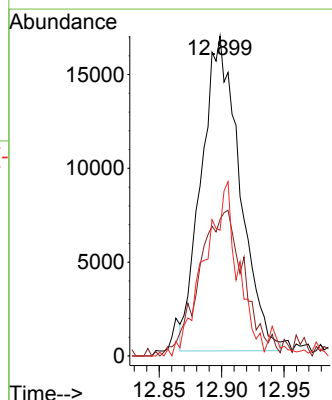
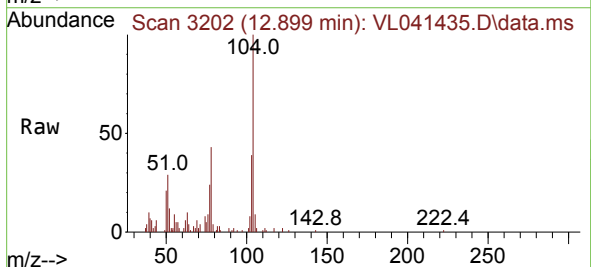
Instrument :
MSVOA_L
ClientSampleId :

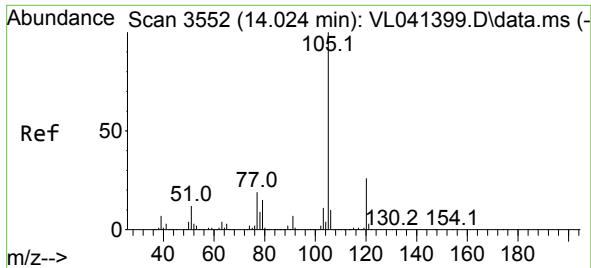
Tgt Ion: 91 Resp: 518277
Ion Ratio Lower Upper
91 100
106 45.6 23.1 69.3



#61
Styrene
Concen: 0.298 ppbv
RT: 12.899 min Scan# 3202
Delta R.T. 0.003 min
Lab File: VL041435.D
Acq: 29 Jul 2024 19:02

Tgt Ion: 104 Resp: 35968
Ion Ratio Lower Upper
104 100
78 57.5 40.8 61.2
103 52.3 38.2 57.4

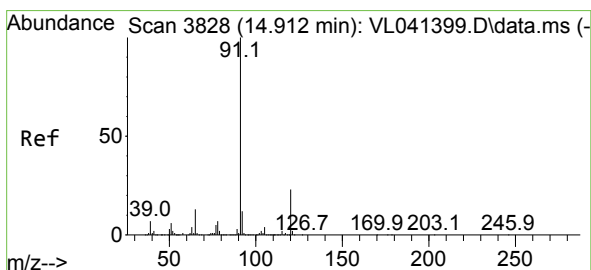
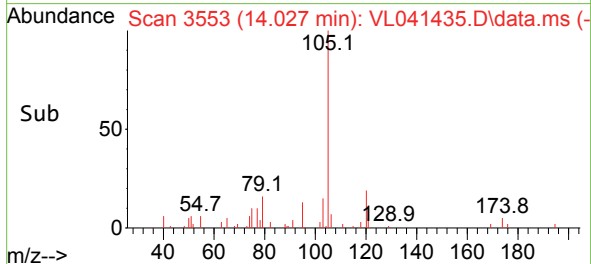
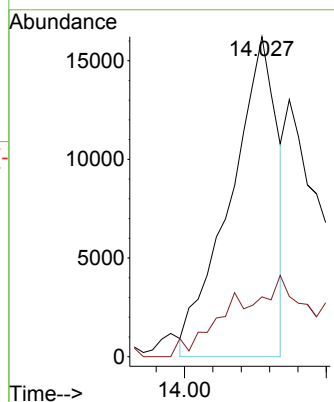
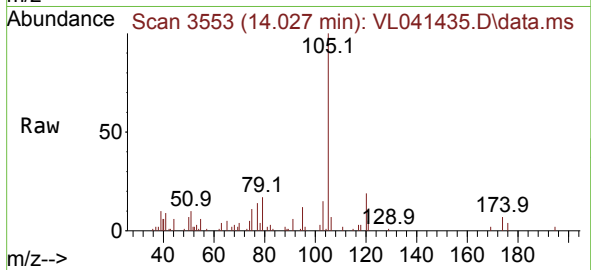




#62
Isopropylbenzene
Concen: 0.046 ppbv
RT: 14.027 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL041435.D
Acq: 29 Jul 2024 19:02

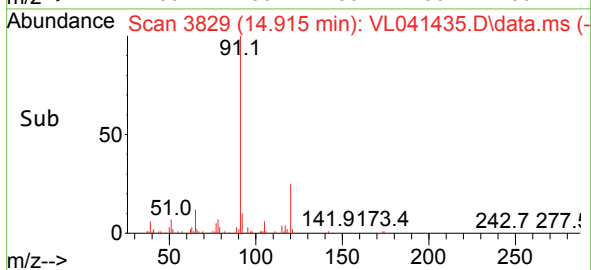
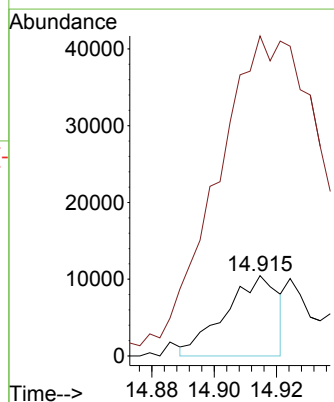
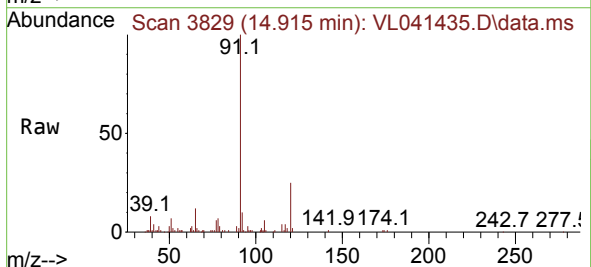
Instrument :
MSVOA_L
ClientSampleId :

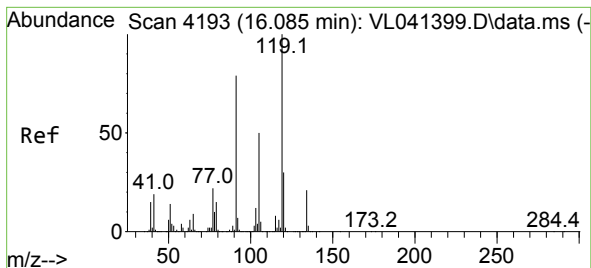
Tgt Ion:105 Resp: 18679
Ion Ratio Lower Upper
105 100
120 0.0 21.0 31.4#



#64
n-propylbenzene
Concen: 0.116 ppbv
RT: 14.915 min Scan# 3829
Delta R.T. -0.000 min
Lab File: VL041435.D
Acq: 29 Jul 2024 19:02

Tgt Ion:120 Resp: 12318
Ion Ratio Lower Upper
120 100
91 856.6 361.4 542.0#

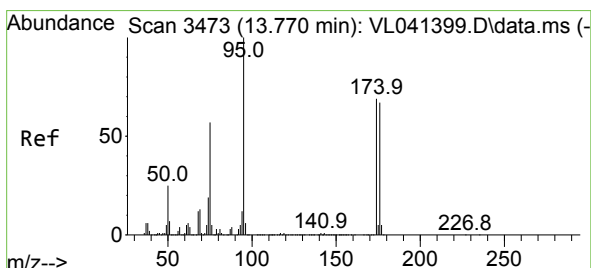
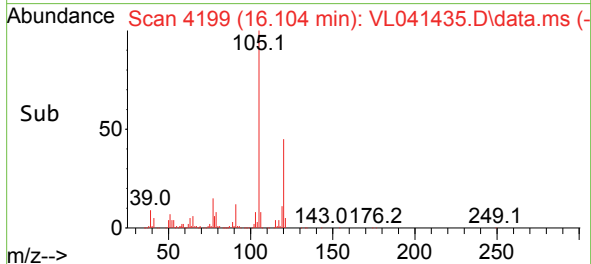
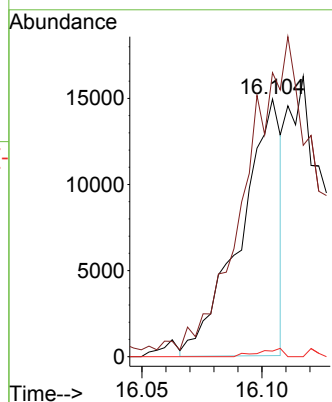
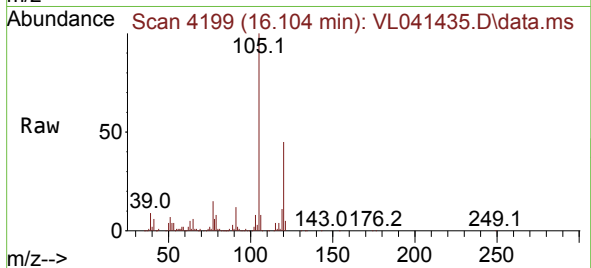




#65
tert-Butylbenzene
Concen: 0.048 ppbv
RT: 16.104 min Scan# 4199
Delta R.T. 0.013 min
Lab File: VL041435.D
Acq: 29 Jul 2024 19:02

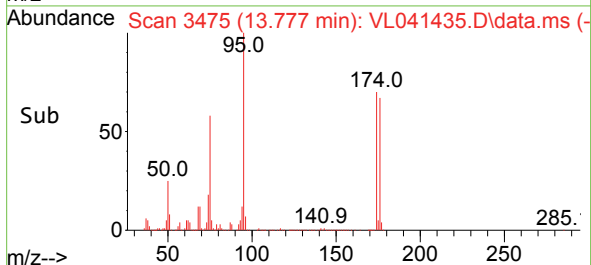
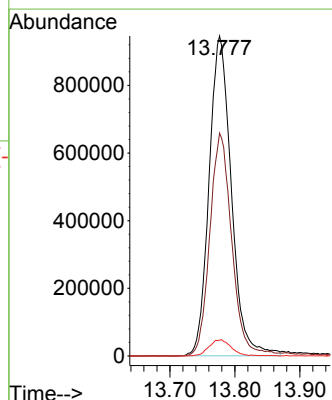
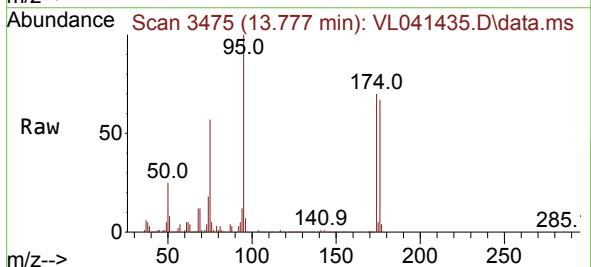
Instrument :
MSVOA_L
ClientSampleId :

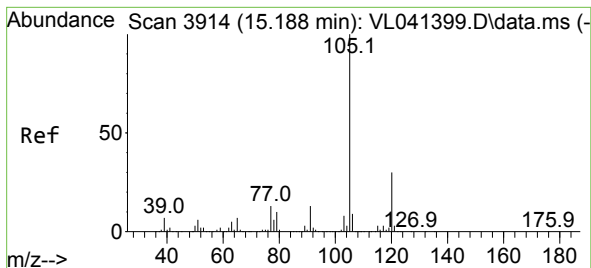
Tgt Ion:119 Resp: 17540
Ion Ratio Lower Upper
119 100
91 247.1 64.2 96.2#
134 2.6 15.7 23.5#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.276 ppbv
RT: 13.777 min Scan# 3475
Delta R.T. 0.003 min
Lab File: VL041435.D
Acq: 29 Jul 2024 19:02

Tgt Ion: 95 Resp: 2248620
Ion Ratio Lower Upper
95 100
174 70.3 56.3 84.5
175 5.1 4.0 6.0





#72

4-Ethyltoluene

Concen: 0.402 ppbv

RT: 15.194 min Scan# 3916

Delta R.T. 0.003 min

Lab File: VL041435.D

Acq: 29 Jul 2024 19:02

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:105 Resp: 126678

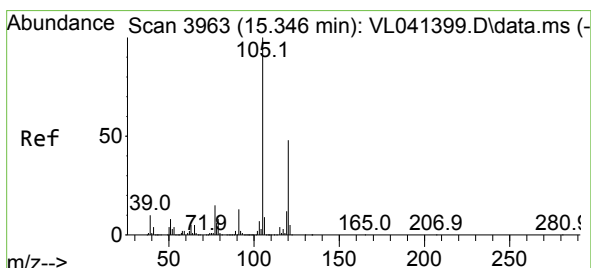
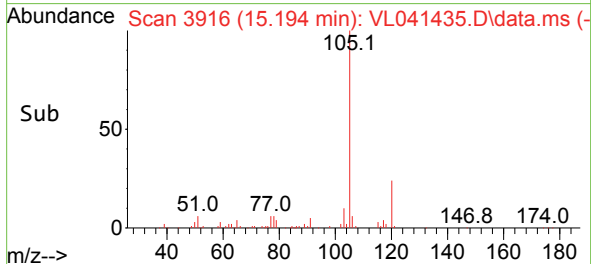
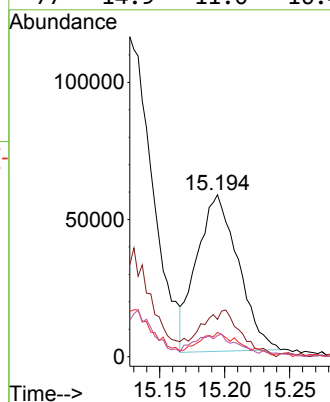
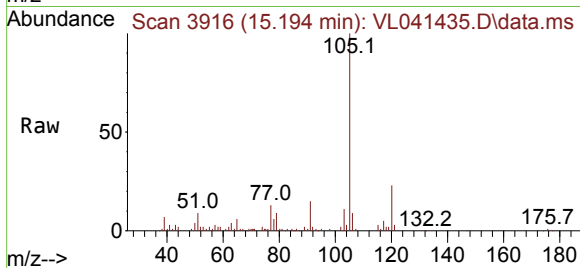
Ion Ratio Lower Upper

105 100

120 29.8 24.2 36.2

91 15.7 10.4 15.6#

77 14.9 11.0 16.4



#73

1,3,5-Trimethylbenzene

Concen: 0.295 ppbv

RT: 15.355 min Scan# 3966

Delta R.T. 0.006 min

Lab File: VL041435.D

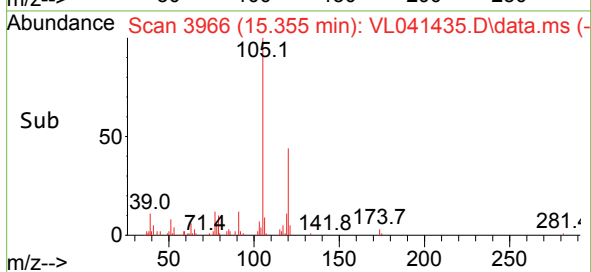
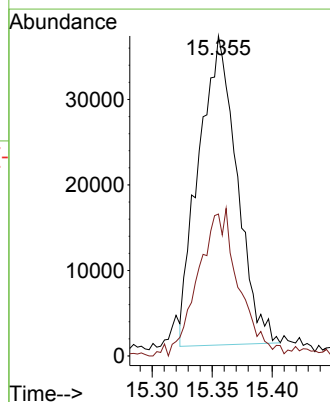
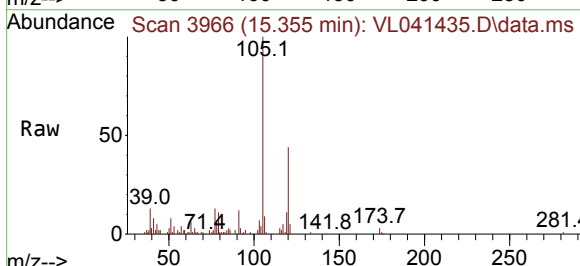
Acq: 29 Jul 2024 19:02

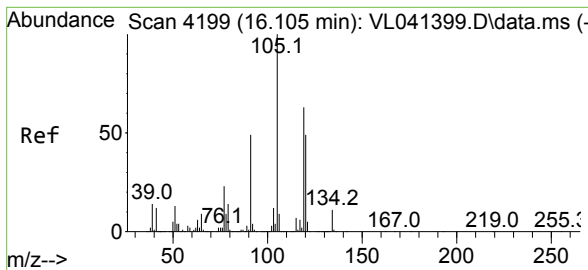
Tgt Ion:105 Resp: 80005

Ion Ratio Lower Upper

105 100

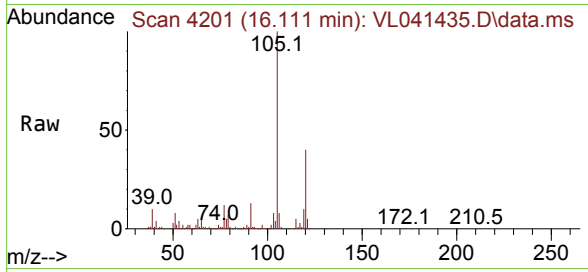
120 42.9 38.6 57.8





#74
 1,2,4-Trimethylbenzene
 Concen: 1.084 ppbv
 RT: 16.111 min Scan# 4199
 Delta R.T. 0.003 min
 Lab File: VL041435.D
 Acq: 29 Jul 2024 19:02

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:	105	Resp:	341972
Ion	Ratio	Lower	Upper
105	100		
120	40.4	39.5	59.3
91	12.2	39.8	59.8#
77	11.5	18.2	27.4#

