

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072623\
 Data File : VL040564.D
 Acq On : 27 Jul 2023 6:49
 Operator : SY/MD
 Sample : 03696-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-16-20230719

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/27/2023
 Supervised By :Mahesh Dadoda 07/27/2023

Quant Time: Jul 27 07:45:24 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Thu Jul 27 04:45:44 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.182	49	1101483	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.645	114	2841964	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.462	117	2597440	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	2030062	9.875	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.800%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.713	85	63833	0.290	ppbv	98
3) Chlorodifluoromethane	2.658	51	121959m	0.699	ppbv	
4) Chloromethane	2.800	50	36580	0.529	ppbv	99
9) Propene	2.681	41	1400543	23.432	ppbv	90
10) Heptane	7.574	43	226815	1.719	ppbv	98
11) Trichlorofluoromethane	3.552	101	44336	0.249	ppbv	99
13) Ethanol	3.221	45	1174217	90.294	ppbv	95
15) Acetone	3.452	43	3634810	28.668	ppbv	99
17) tert-Butyl alcohol	3.874	59	72630	0.554	ppbv #	92
20) Methylene Chloride	3.922	84	521163	9.663	ppbv	97
25) Ethyl Acetate	5.198	43	624497	2.587	ppbv #	89
26) Hexane	5.201	57	648780	5.786	ppbv #	52
27) Carbon Disulfide	4.112	76	105437	0.799	ppbv	96
29) Chloroform	5.266	83	1794332	9.647	ppbv	100
30) Cyclohexane	6.594	84	57727	0.619	ppbv	92
34) 2-Butanone	4.774	43	503387	3.585	ppbv	99
35) Carbon Tetrachloride	6.484	117	11575m	0.068	ppbv	
36) Benzene	6.362	78	388807	1.700	ppbv	97
42) Bromodichloromethane	7.246	83	26661m	0.142	ppbv	
44) 2,2,4-Trimethylpentane	7.320	57	161164	0.438	ppbv #	65
50) 4-Methyl-2-Pentanone	8.179	43	68056m	0.334	ppbv	
52) Tetrachloroethene	10.610	164	25209m	0.340	ppbv	
53) Toluene	9.214	91	1417921	5.708	ppbv	99
58) Ethyl Benzene	12.082	91	407662	1.251	ppbv	94
59) m/p-Xylene	12.339	91	1253257	4.308	ppbv	97
60) o-Xylene	13.053	91	470570	1.698	ppbv	99
61) Styrene	12.896	104	35507m	0.278	ppbv	
62) Isopropylbenzene	14.031	105	33416m	0.080	ppbv	
64) n-propylbenzene	14.912	120	24872m	0.231	ppbv	
65) tert-Butylbenzene	16.098	119	60315m	0.164	ppbv	
69) p-Isopropyltoluene	16.989	119	256908	0.575	ppbv	97
72) 4-Ethyltoluene	15.191	105	149663	0.461	ppbv #	96
73) 1,3,5-Trimethylbenzene	15.343	105	107305	0.375	ppbv #	84
74) 1,2,4-Trimethylbenzene	16.101	105	511834	1.533	ppbv #	62
79) Naphthalene	21.384	128	57470m	0.203	ppbv	

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

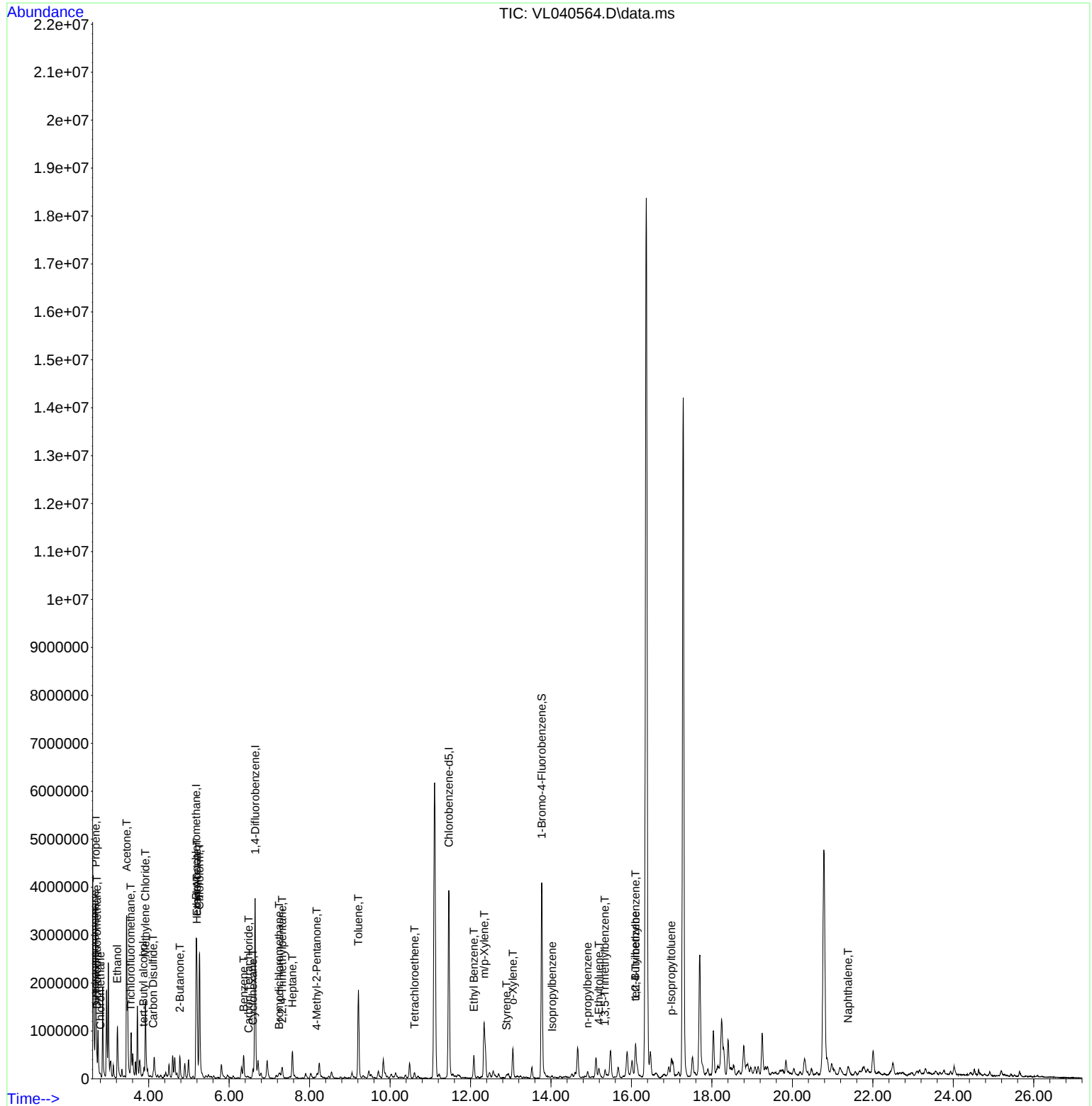
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072623\
Data File : VL040564.D
Acq On : 27 Jul 2023 6:49
Operator : SY/MD
Sample : 03696-01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

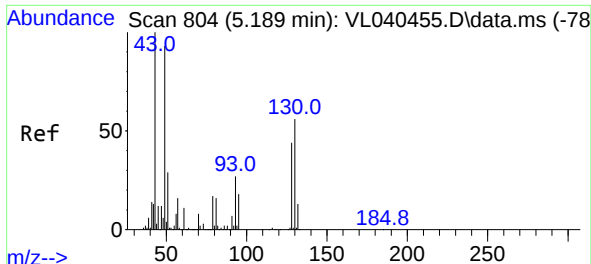
Instrument :
MSVOA_L
ClientSampleId :
SV-16-20230719

Quant Time: Jul 27 07:45:24 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Thu Jul 27 04:45:44 2023
Response via : Initial Calibration

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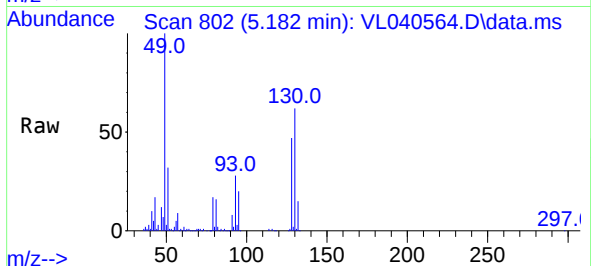
Reviewed By : Semsettin Yesilyurt 07/27/2023
Supervised By : Mahesh Dadoda 07/27/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.182 min Scan# 80
Delta R.T. -0.020 min
Lab File: VL040564.D
Acq: 27 Jul 2023 6:49

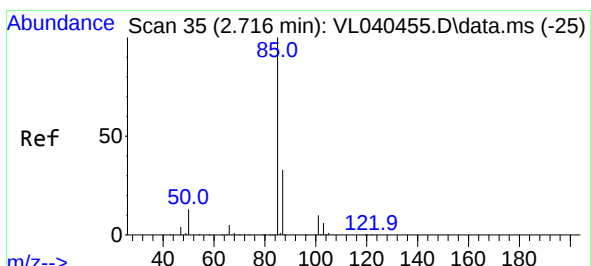
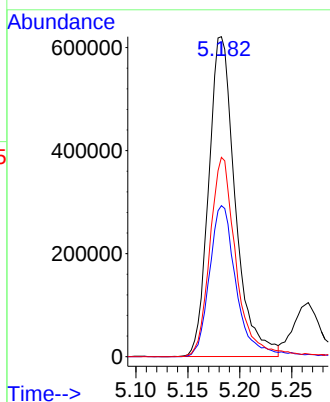
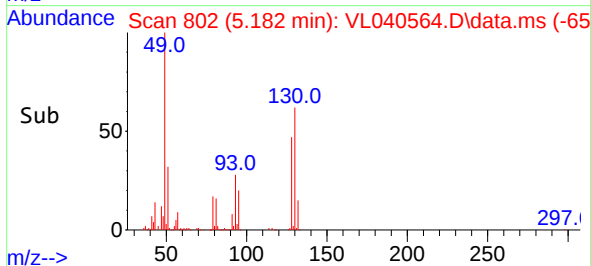
Instrument :
MSVOA_L
ClientSampleId :
SV-16-20230719



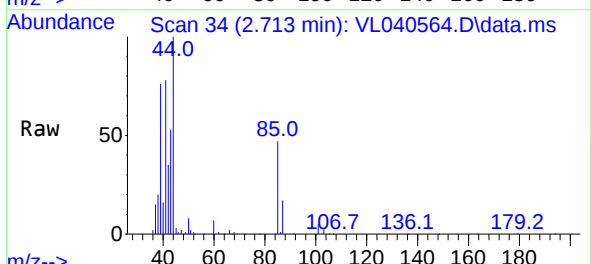
Tgt Ion: 49 Resp: 110148
Ion Ratio Lower Upper
49 100
128 48.8 25.1 75.4
130 62.8 31.6 94.7

Manual Integrations
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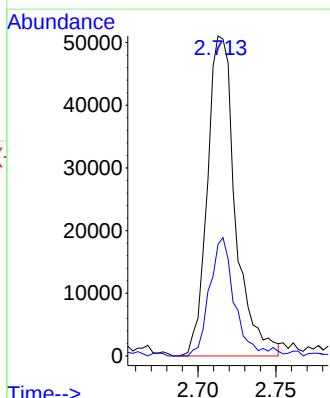
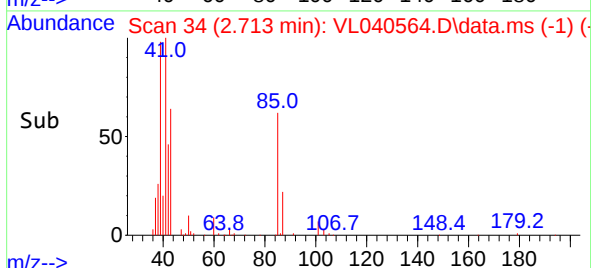
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

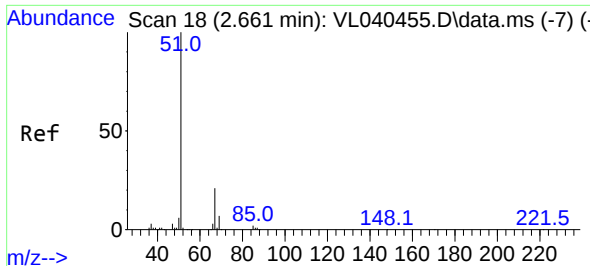


#2
Dichlorodifluoromethane
Concen: 0.290 ppbv
RT: 2.713 min Scan# 34
Delta R.T. -0.026 min
Lab File: VL040564.D
Acq: 27 Jul 2023 6:49



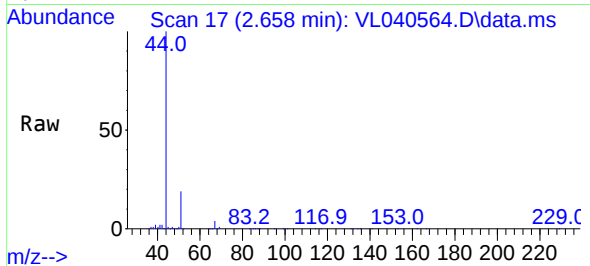
Tgt Ion: 85 Resp: 63833
Ion Ratio Lower Upper
85 100
87 34.9 26.8 40.2





#3
Chlorodifluoromethane
Concen: 0.699 ppbv m
RT: 2.658 min Scan# 11
Delta R.T. -0.026 min
Lab File: VL040564.D
Acq: 27 Jul 2023 6:49

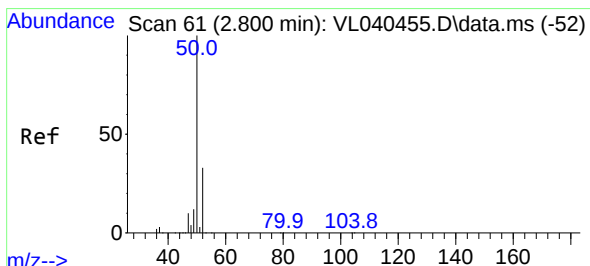
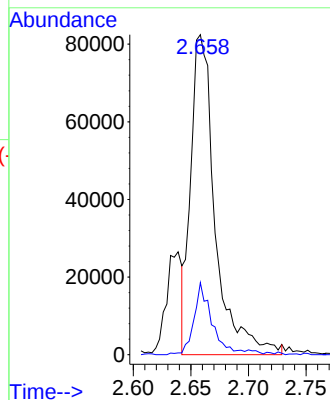
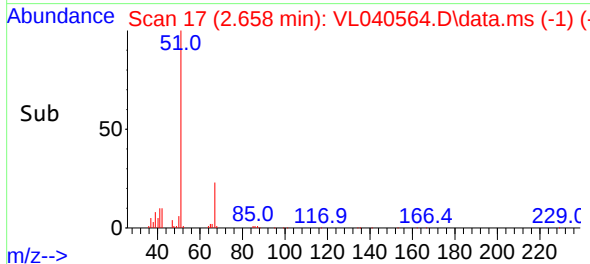
Instrument :
MSVOA_L
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Tgt Ion: 51 Resp: 121958
Ion Ratio Lower Upper
51 100
67 17.4 14.6 21.8

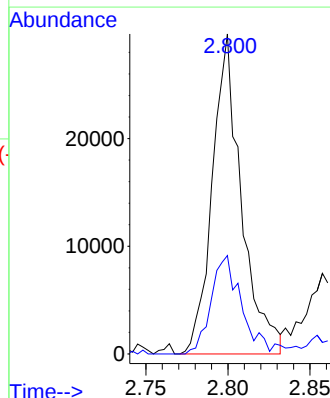
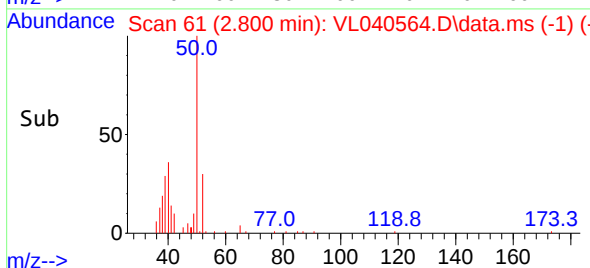
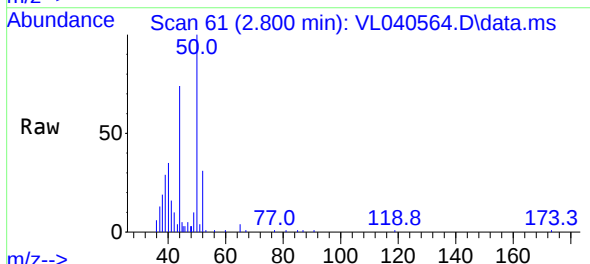
Manual Integrations
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Supervised By :Mahesh Dadoda 07/27/2023

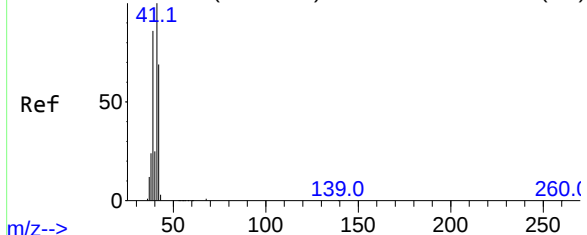


#4
Chloromethane
Concen: 0.529 ppbv
RT: 2.800 min Scan# 61
Delta R.T. -0.023 min
Lab File: VL040564.D
Acq: 27 Jul 2023 6:49

Tgt Ion: 50 Resp: 36580
Ion Ratio Lower Upper
50 100
52 31.1 24.4 36.6



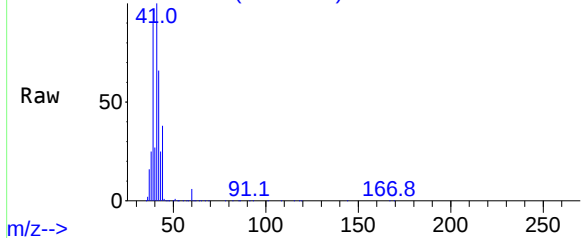
Abundance Scan 23 (2.677 min): VL040455.D\data.ms (-15)



#9
Propene
Concen: 23.432 ppbv
RT: 2.681 min Scan# 24
Delta R.T. -0.023 min
Lab File: VL040564.D
Acq: 27 Jul 2023 6:49

Instrument :
MSVOA_L
ClientSampleId :
SV-16-20230719

Abundance Scan 24 (2.681 min): VL040564.D\data.ms

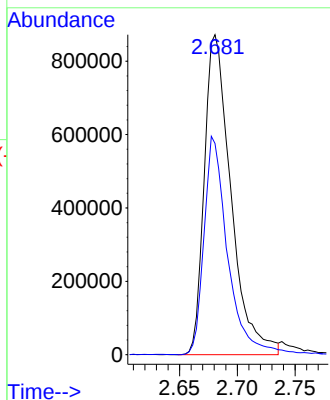
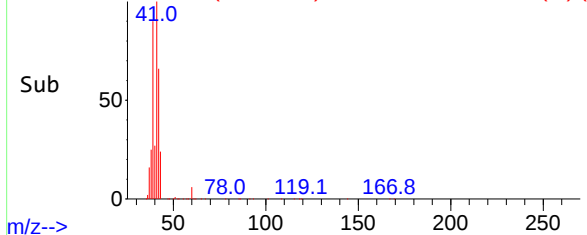


Tgt Ion: 41 Resp: 140054
Ion Ratio Lower Upper
41 100
42 60.9 55.0 82.6

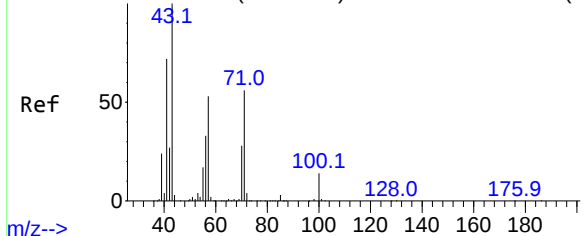
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Abundance Scan 24 (2.681 min): VL040564.D\data.ms (-1)



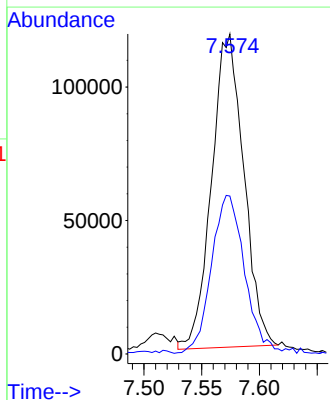
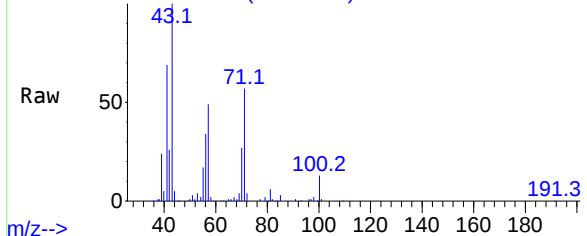
Abundance Scan 1549 (7.584 min): VL040455.D\data.ms (-1)



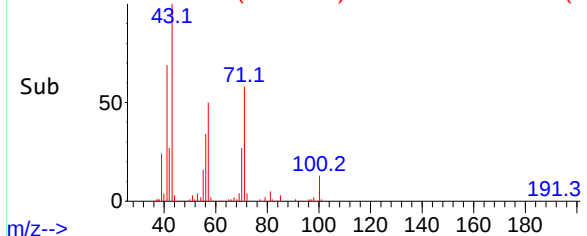
#10
Heptane
Concen: 1.719 ppbv
RT: 7.574 min Scan# 1546
Delta R.T. -0.016 min
Lab File: VL040564.D
Acq: 27 Jul 2023 6:49

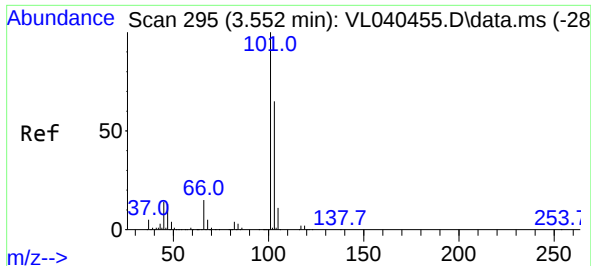
Tgt Ion: 43 Resp: 226815
Ion Ratio Lower Upper
43 100
57 54.5 42.5 63.7

Abundance Scan 1546 (7.574 min): VL040564.D\data.ms



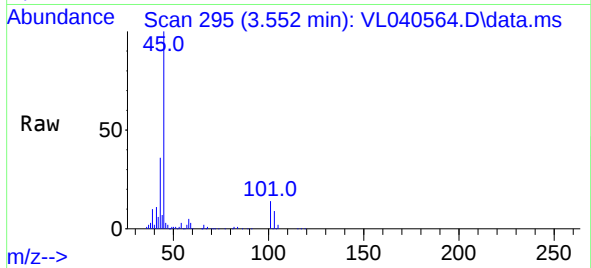
Abundance Scan 1546 (7.574 min): VL040564.D\data.ms (-1)





#11
Trichlorofluoromethane
Concen: 0.249 ppbv
RT: 3.552 min Scan# 295
Delta R.T. -0.019 min
Lab File: VL040564.D
Acq: 27 Jul 2023 6:49

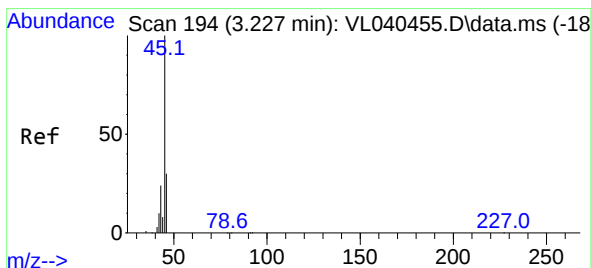
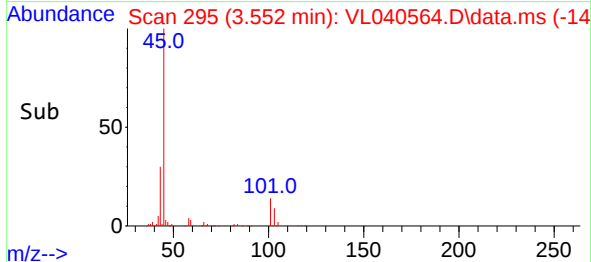
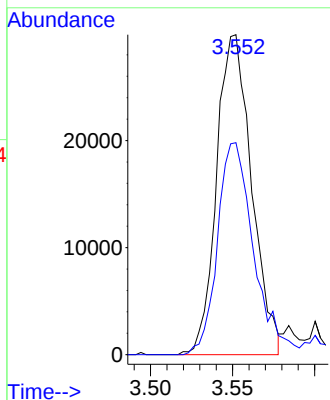
Instrument :
MSVOA_L
ClientSampleId :
SV-16-20230719



Tgt Ion:101 Resp: 44330
Ion Ratio Lower Upper
101 100
103 66.3 53.4 80.0

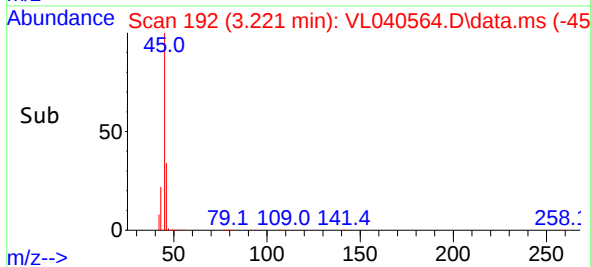
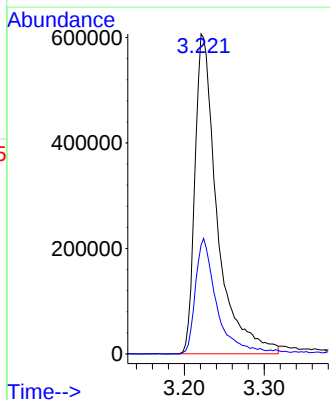
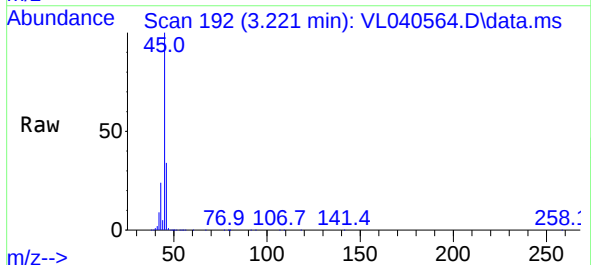
Manual Integrations
APPROVED

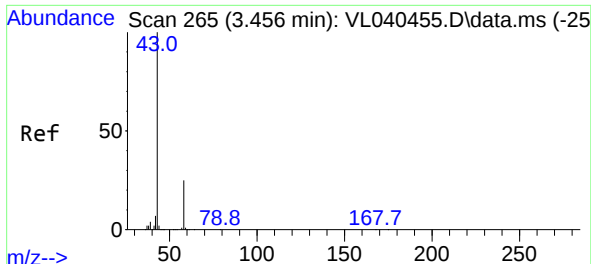
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#13
Ethanol
Concen: 90.294 ppbv
RT: 3.221 min Scan# 192
Delta R.T. -0.026 min
Lab File: VL040564.D
Acq: 27 Jul 2023 6:49

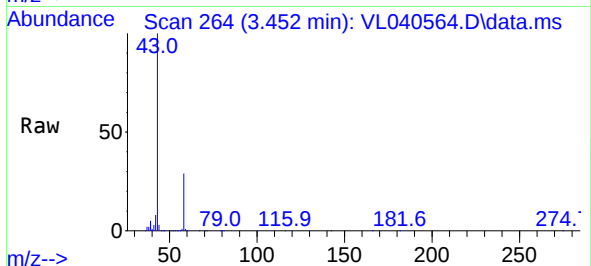
Tgt Ion: 45 Resp: 1174217
Ion Ratio Lower Upper
45 100
46 35.4 15.3 61.1





#15
Acetone
Concen: 28.668 ppbv
RT: 3.452 min Scan# 20
Delta R.T. -0.023 min
Lab File: VL040564.D
Acq: 27 Jul 2023 6:49

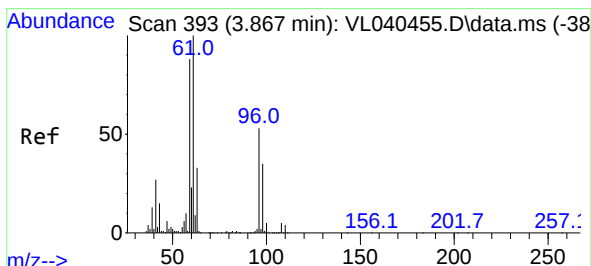
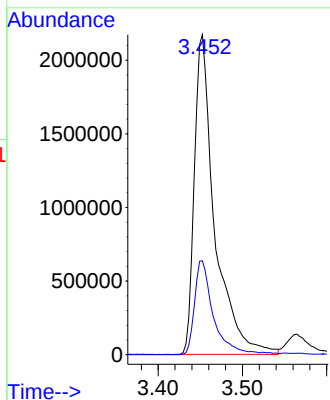
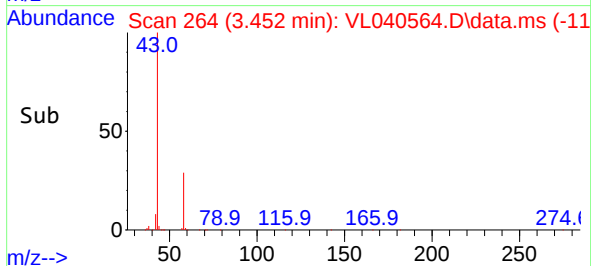
Instrument :
MSVOA_L
ClientSampleId :
SV-16-20230719



Tgt Ion: 43 Resp: 3634810
Ion Ratio Lower Upper
43 100
58 28.3 22.9 34.3

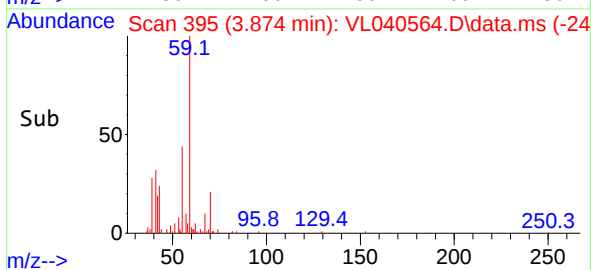
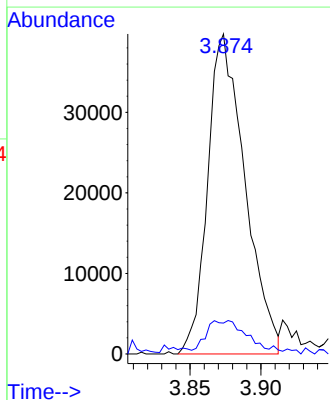
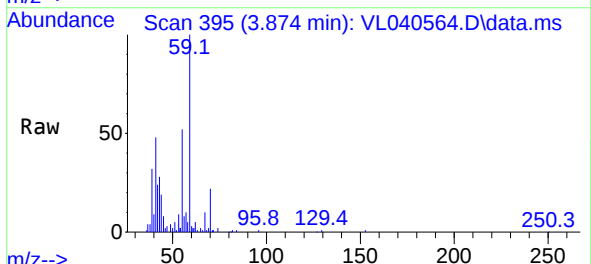
Manual Integrations
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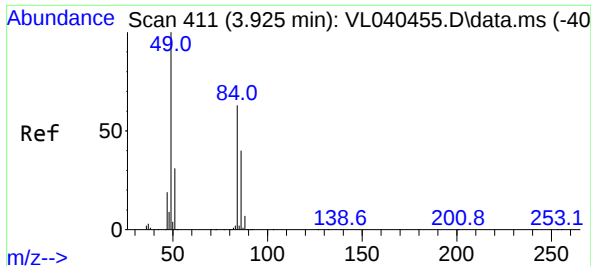
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#17
tert-Butyl alcohol
Concen: 0.554 ppbv
RT: 3.874 min Scan# 395
Delta R.T. -0.010 min
Lab File: VL040564.D
Acq: 27 Jul 2023 6:49

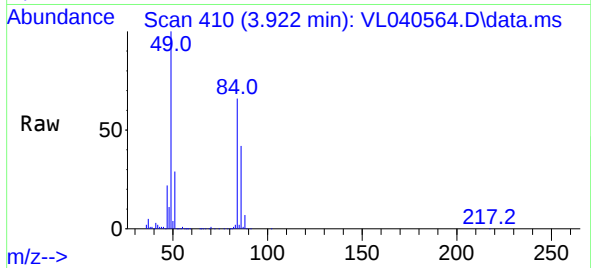
Tgt Ion: 59 Resp: 72630
Ion Ratio Lower Upper
59 100
57 13.9 8.7 13.1#





#20
Methylene Chloride
Concen: 9.663 ppbv
RT: 3.922 min Scan# 411
Delta R.T. -0.019 min
Lab File: VL040564.D
Acq: 27 Jul 2023 6:49

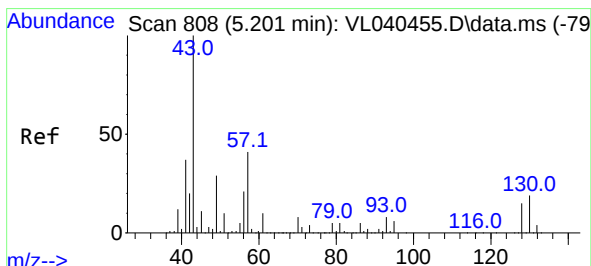
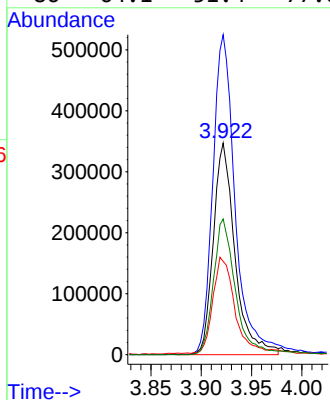
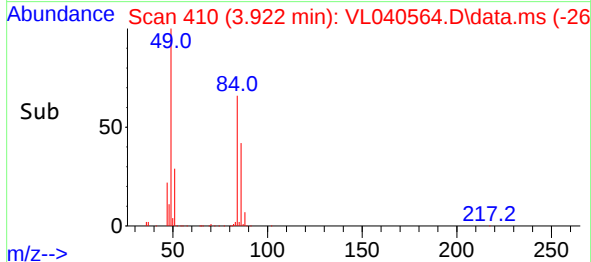
Instrument :
MSVOA_L
ClientSampleId :
SV-16-20230719



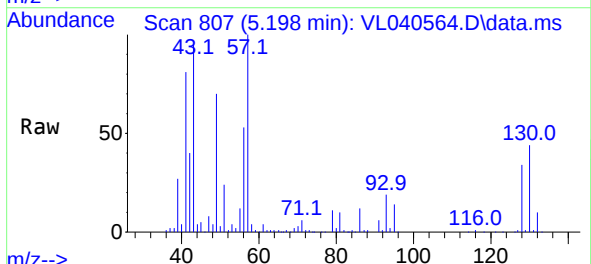
Tgt Ion: 84 Resp: 52116
Ion Ratio Lower Upper
84 100
49 151.0 123.4 185.2
51 43.3 38.3 57.5
86 64.1 51.4 77.0

Manual Integrations
APPROVED

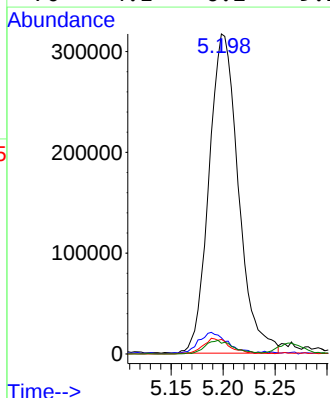
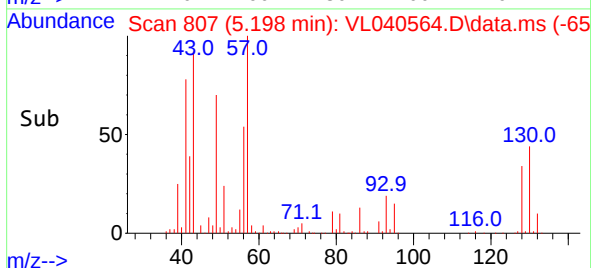
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

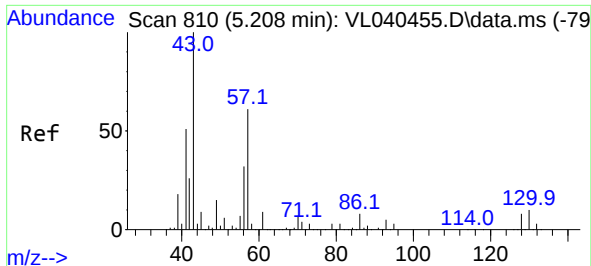


#25
Ethyl Acetate
Concen: 2.587 ppbv
RT: 5.198 min Scan# 807
Delta R.T. -0.013 min
Lab File: VL040564.D
Acq: 27 Jul 2023 6:49



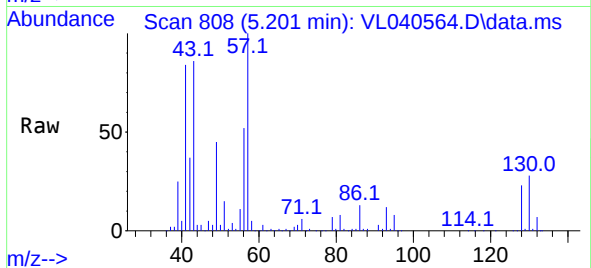
Tgt Ion: 43 Resp: 624497
Ion Ratio Lower Upper
43 100
45 7.4 8.2 12.4#
61 4.5 8.3 12.5#
70 4.1 6.2 9.2#





#26
Hexane
Concen: 5.786 ppbv
RT: 5.201 min Scan# 808
Delta R.T. -0.019 min
Lab File: VL040564.D
Acq: 27 Jul 2023 6:49

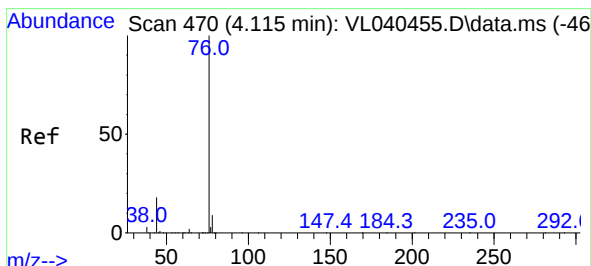
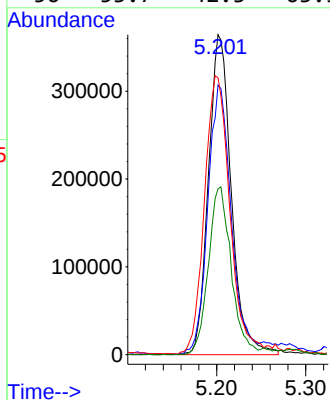
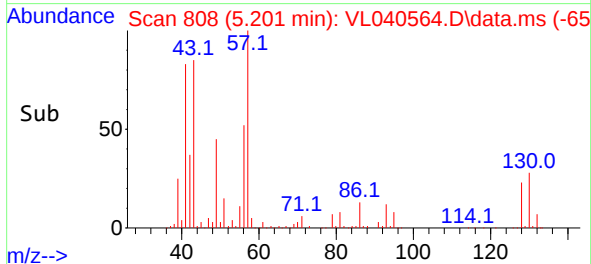
Instrument :
MSVOA_L
ClientSampleId :
SV-16-20230719



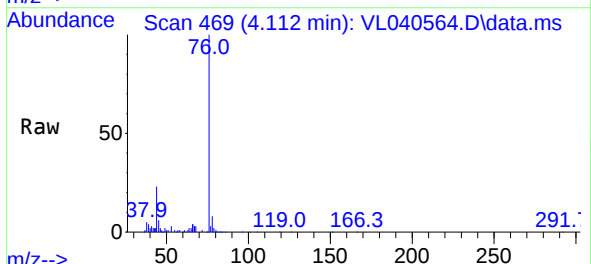
Tgt Ion: 57 Resp: 648780
Ion Ratio Lower Upper
57 100
41 91.5 69.5 104.3
43 98.6 177.1 265.7
56 53.7 42.3 63.5

Manual Integrations
APPROVED

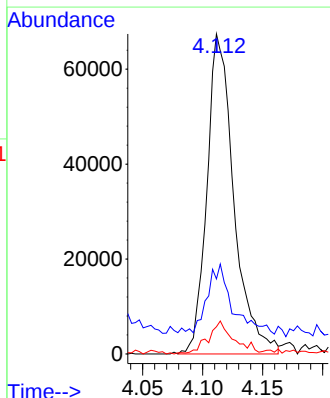
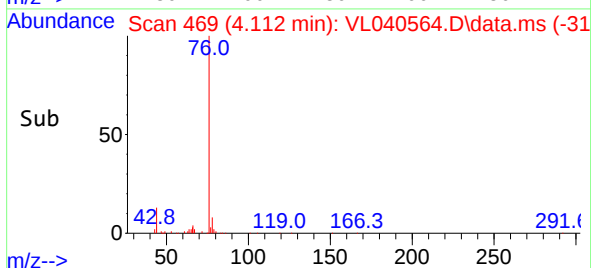
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

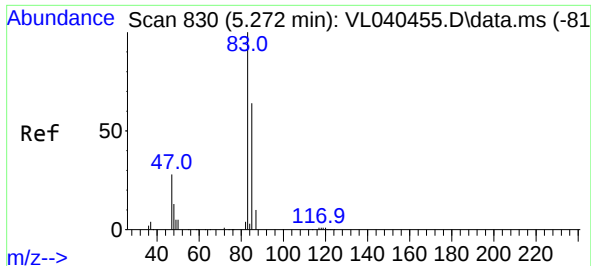


#27
Carbon Disulfide
Concen: 0.799 ppbv
RT: 4.112 min Scan# 469
Delta R.T. -0.019 min
Lab File: VL040564.D
Acq: 27 Jul 2023 6:49



Tgt Ion: 76 Resp: 105437
Ion Ratio Lower Upper
76 100
44 20.8 15.1 22.7
78 10.5 7.5 11.3





#29

Chloroform

Concen: 9.647 ppbv

RT: 5.266 min Scan# 81

Delta R.T. -0.019 min

Lab File: VL040564.D

Acq: 27 Jul 2023 6:49

Instrument :

MSVOA_L

ClientSampleId :

SV-16-20230719

Tgt Ion: 83 Resp: 179433

Ion Ratio Lower Upper

83 100

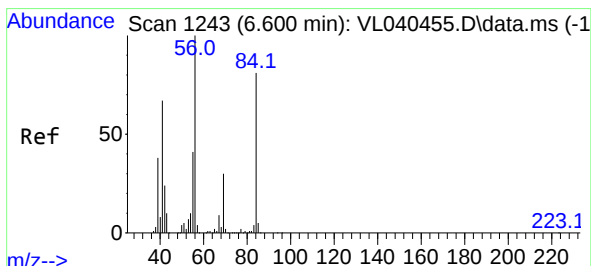
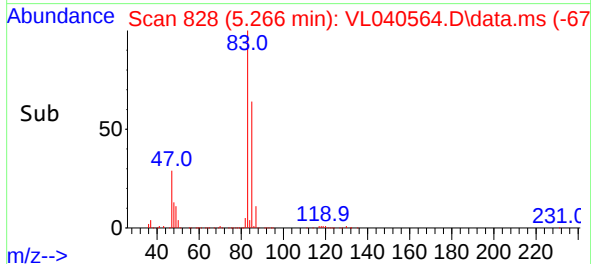
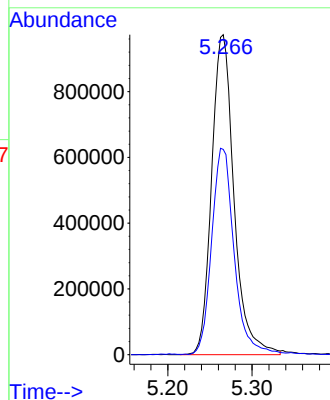
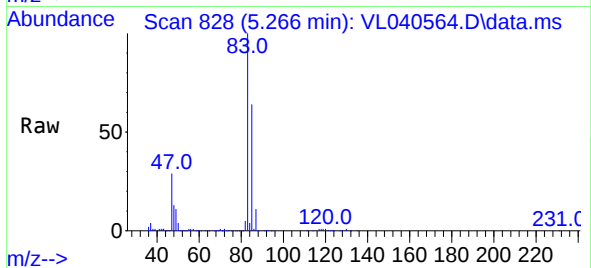
85 64.0 51.1 76.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/27/2023

Supervised By :Mahesh Dadoda 07/27/2023



#30

Cyclohexane

Concen: 0.619 ppbv

RT: 6.594 min Scan# 1241

Delta R.T. -0.016 min

Lab File: VL040564.D

Acq: 27 Jul 2023 6:49

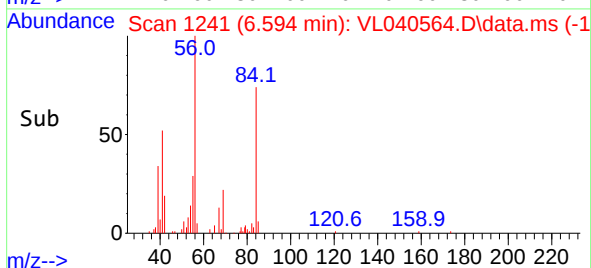
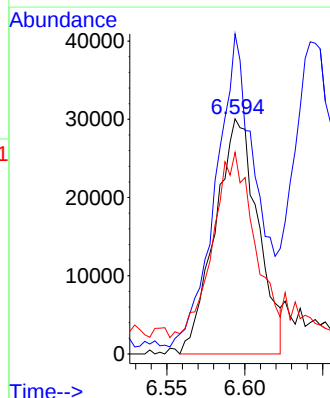
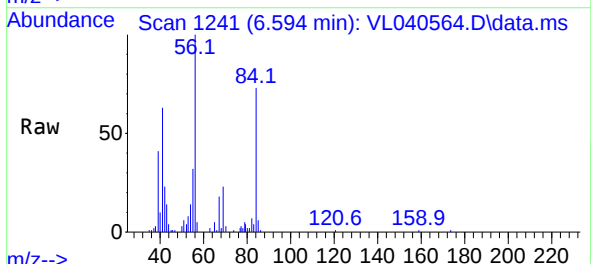
Tgt Ion: 84 Resp: 57727

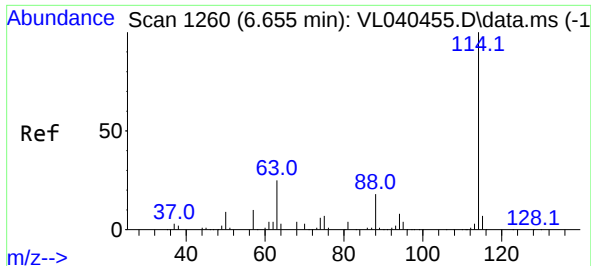
Ion Ratio Lower Upper

84 100

56 126.3 108.7 163.1

41 86.9 64.5 96.7





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.645 min Scan# 114

Delta R.T. -0.019 min

Lab File: VL040564.D

Acq: 27 Jul 2023 6:49

Instrument :

MSVOA_L

ClientSampleId :

SV-16-20230719

Tgt Ion:114 Resp: 2841964

Ion Ratio Lower Upper

114 100

63 24.8 19.6 29.4

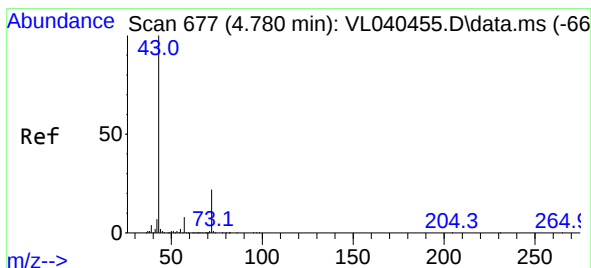
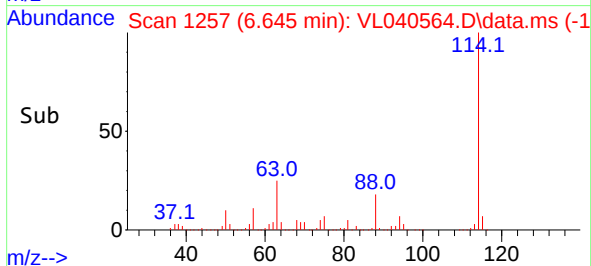
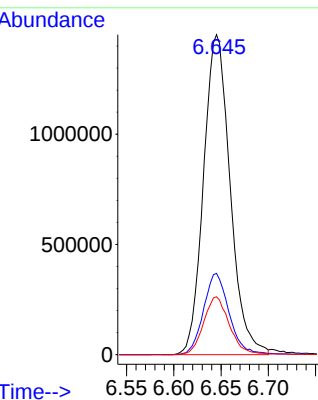
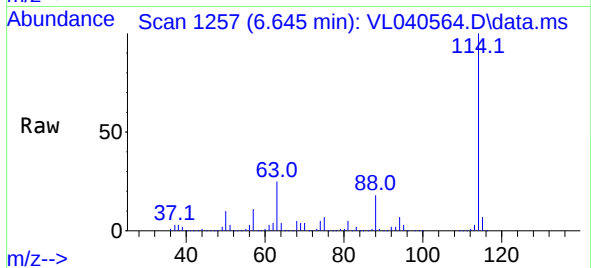
88 17.7 14.2 21.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/27/2023

Supervised By :Mahesh Dadoda 07/27/2023



#34

2-Butanone

Concen: 3.585 ppbv

RT: 4.774 min Scan# 675

Delta R.T. -0.019 min

Lab File: VL040564.D

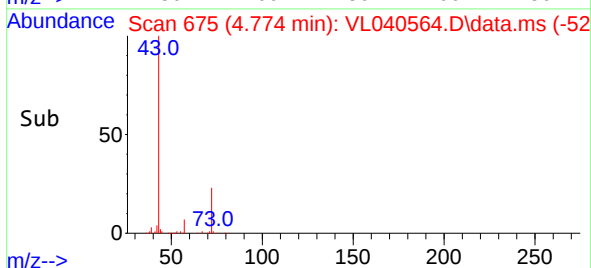
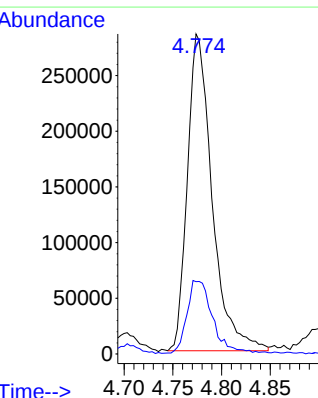
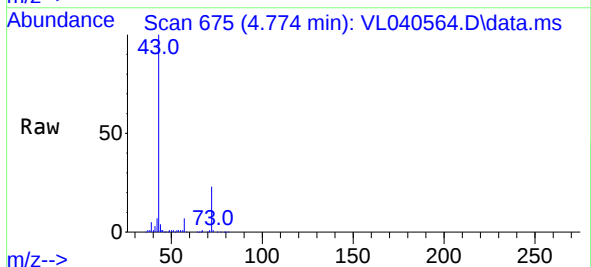
Acq: 27 Jul 2023 6:49

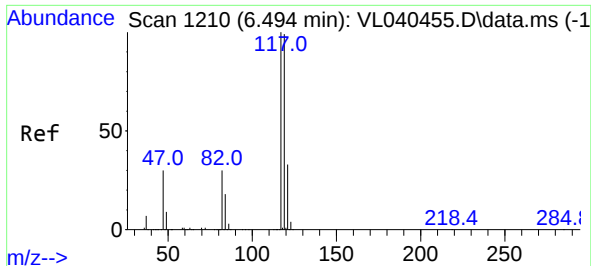
Tgt Ion: 43 Resp: 503387

Ion Ratio Lower Upper

43 100

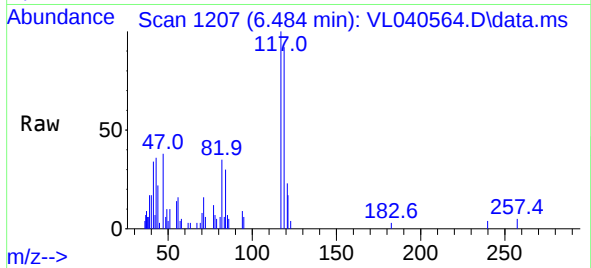
72 23.5 19.1 28.7





#35
Carbon Tetrachloride
Concen: 0.068 ppbv m
RT: 6.484 min Scan# 1157
Delta R.T. -0.019 min
Lab File: VL040564.D
Acq: 27 Jul 2023 6:49

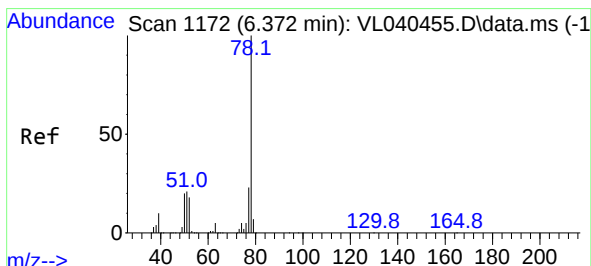
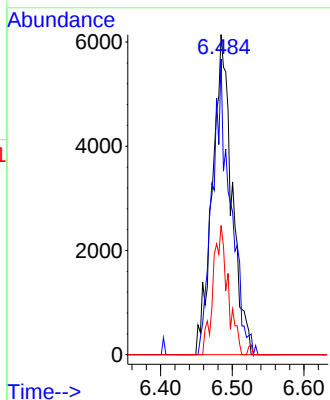
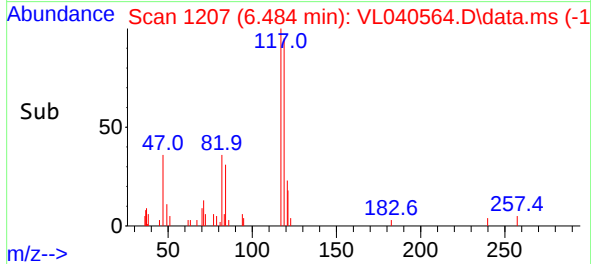
Instrument :
MSVOA_L
ClientSampleId :
SV-16-20230719



Tgt Ion:117 Resp: 1157
Ion Ratio Lower Upper
117 100
119 92.4 77.8 116.6
121 22.9 24.8 37.2

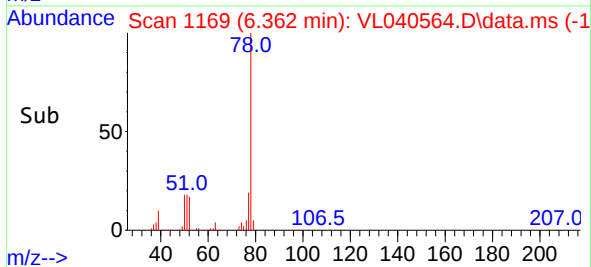
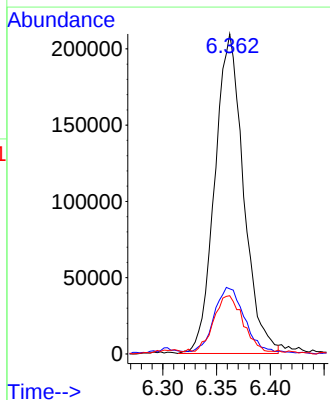
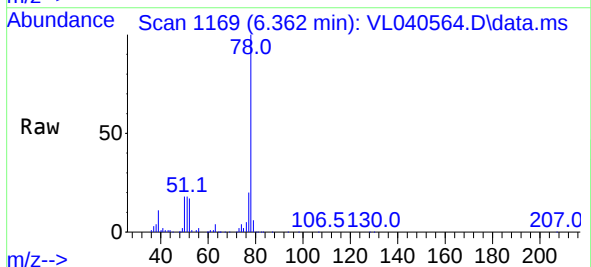
Manual Integrations
APPROVED

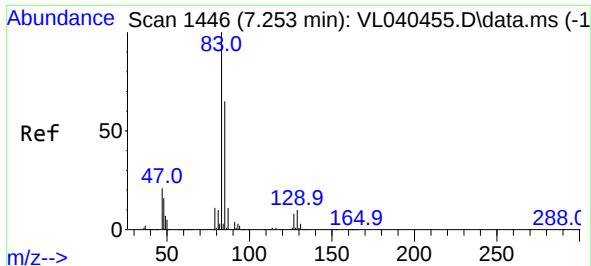
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#36
Benzene
Concen: 1.700 ppbv
RT: 6.362 min Scan# 1169
Delta R.T. -0.019 min
Lab File: VL040564.D
Acq: 27 Jul 2023 6:49

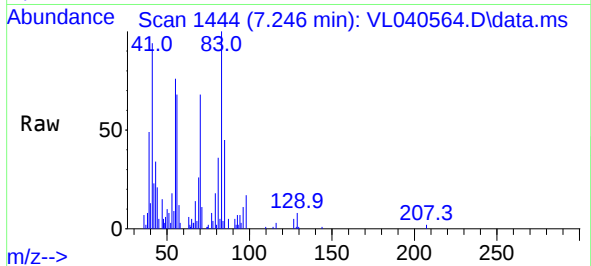
Tgt Ion: 78 Resp: 388807
Ion Ratio Lower Upper
78 100
77 19.5 17.4 26.0
50 17.1 14.4 21.6





#42
Bromodichloromethane
Concen: 0.142 ppbv m
RT: 7.246 min Scan# 1446
Delta R.T. -0.013 min
Lab File: VL040564.D
Acq: 27 Jul 2023 6:49

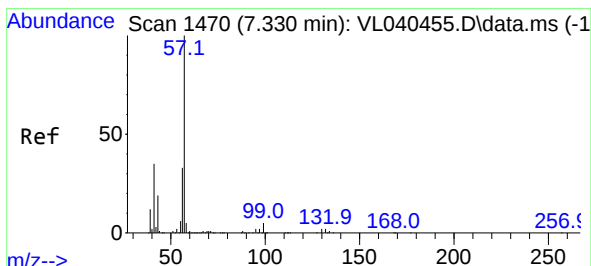
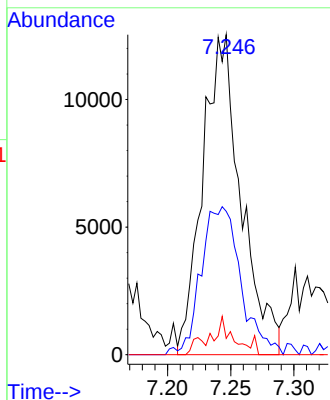
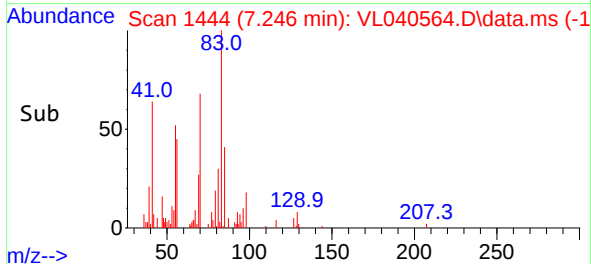
Instrument :
MSVOA_L
ClientSampleId :
SV-16-20230719



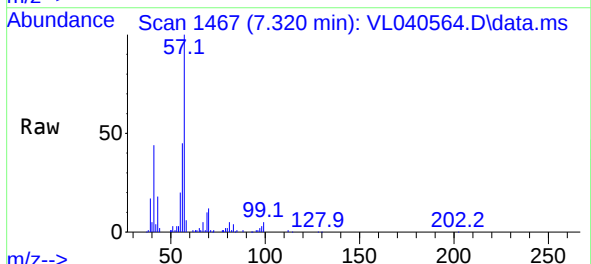
Tgt Ion: 83 Resp: 2666
Ion Ratio Lower Upper
83 100
85 44.8 51.1 76.7
127 5.1 6.5 9.7

Manual Integrations
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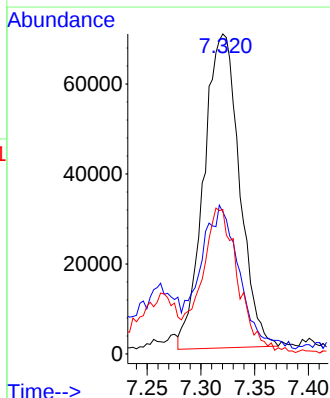
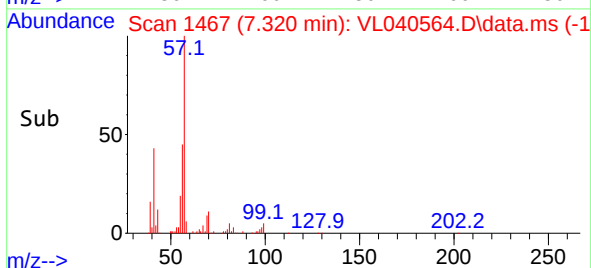
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

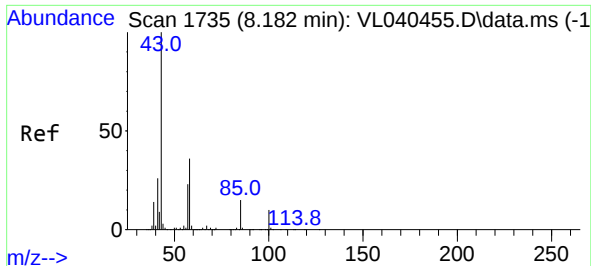


#44
2,2,4-Trimethylpentane
Concen: 0.438 ppbv
RT: 7.320 min Scan# 1467
Delta R.T. -0.016 min
Lab File: VL040564.D
Acq: 27 Jul 2023 6:49



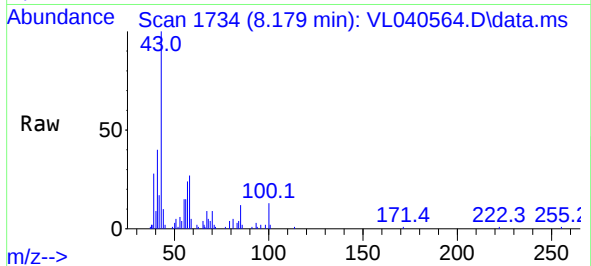
Tgt Ion: 57 Resp: 161164
Ion Ratio Lower Upper
57 100
41 52.4 25.5 38.3#
56 49.5 25.1 37.7#





#50
4-Methyl-2-Pentanone
Concen: 0.334 ppbv m
RT: 8.179 min Scan# 1735
Delta R.T. -0.013 min
Lab File: VL040564.D
Acq: 27 Jul 2023 6:49

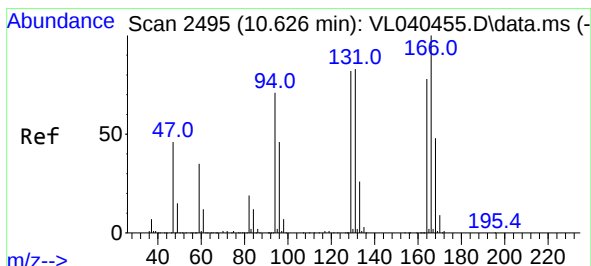
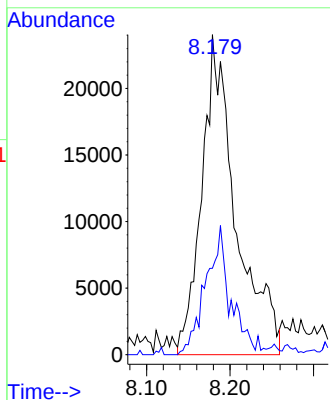
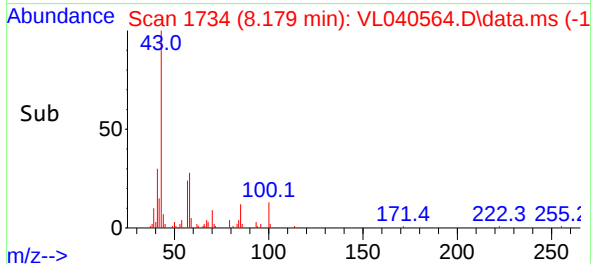
Instrument :
MSVOA_L
ClientSampleId :
SV-16-20230719



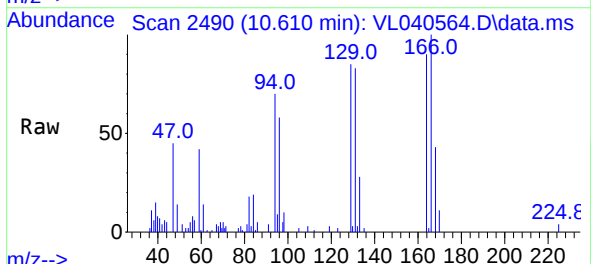
Tgt Ion: 43 Resp: 6805
Ion Ratio Lower Upper
43 100
58 0.0 30.2 45.2

Manual Integrations
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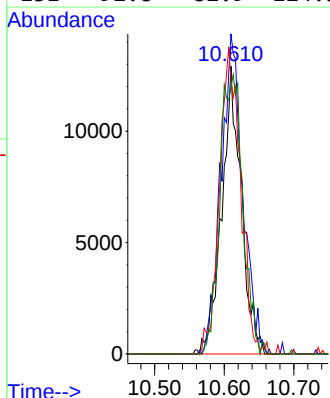
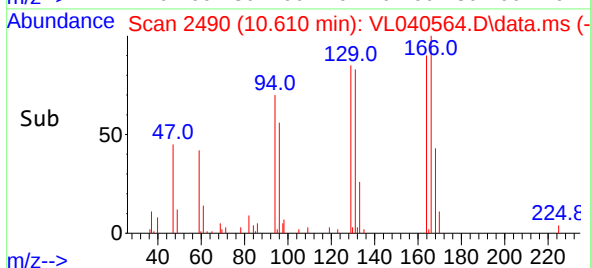
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

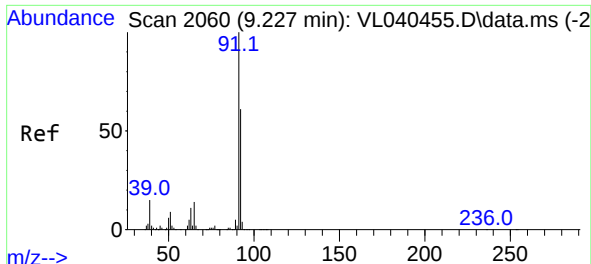


#52
Tetrachloroethene
Concen: 0.340 ppbv m
RT: 10.610 min Scan# 2490
Delta R.T. -0.016 min
Lab File: VL040564.D
Acq: 27 Jul 2023 6:49



Tgt Ion:164 Resp: 25209
Ion Ratio Lower Upper
164 100
166 111.3 103.9 155.9
129 94.8 84.6 126.8
131 92.8 82.9 124.3





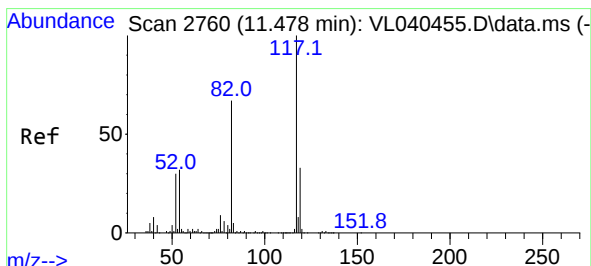
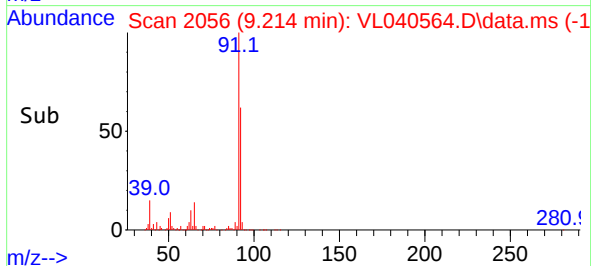
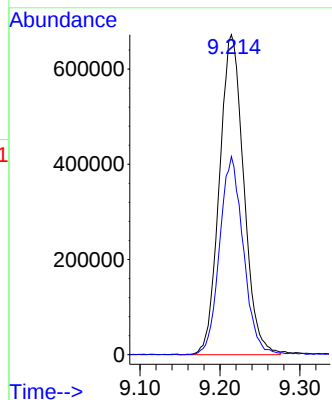
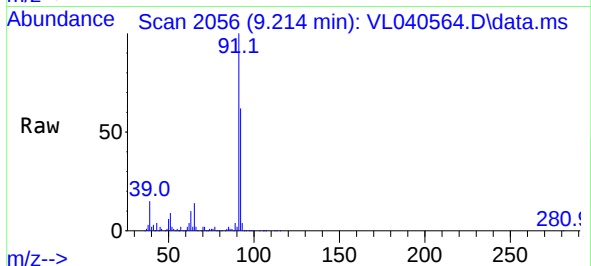
#53
Toluene
Concen: 5.708 ppbv
RT: 9.214 min Scan# 2060
Delta R.T. -0.016 min
Lab File: VL040564.D
Acq: 27 Jul 2023 6:49

Instrument :
MSVOA_L
ClientSampleId :
SV-16-20230719

Tgt Ion: 91 Resp: 141792
Ion Ratio Lower Upper
91 100
92 60.8 49.1 73.7

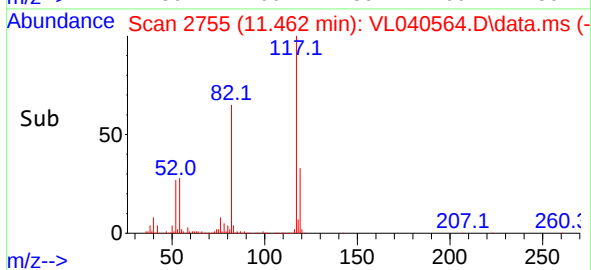
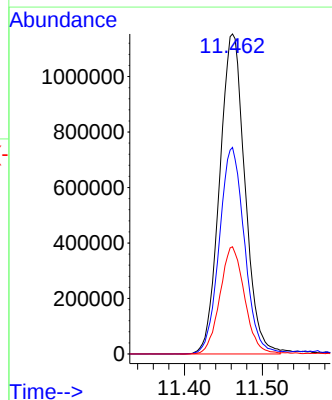
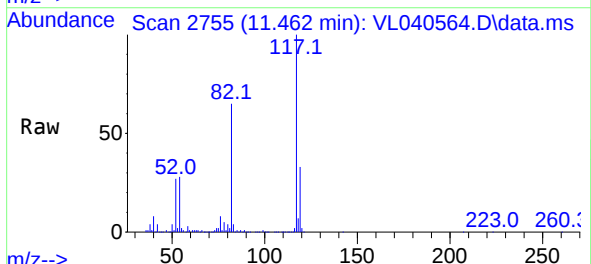
Manual Integrations
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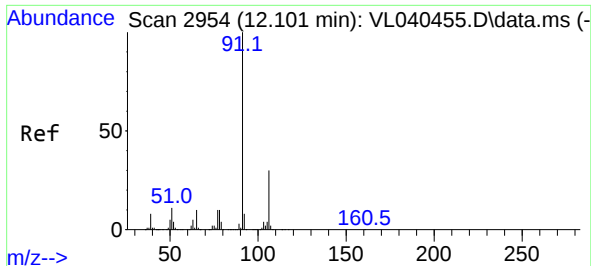
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.462 min Scan# 2755
Delta R.T. -0.016 min
Lab File: VL040564.D
Acq: 27 Jul 2023 6:49

Tgt Ion:117 Resp: 2597440
Ion Ratio Lower Upper
117 100
82 64.6 50.2 75.4
119 32.9 26.9 40.3





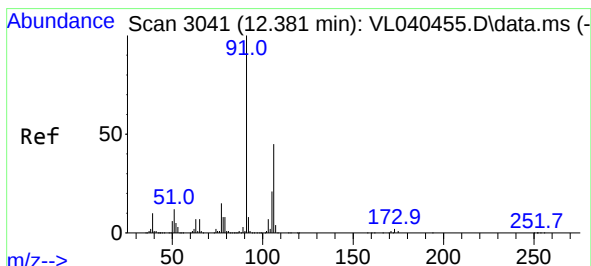
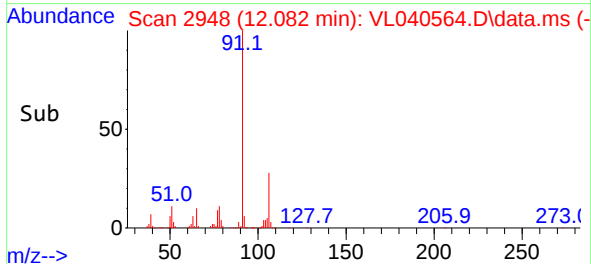
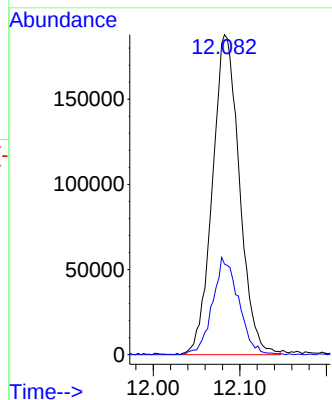
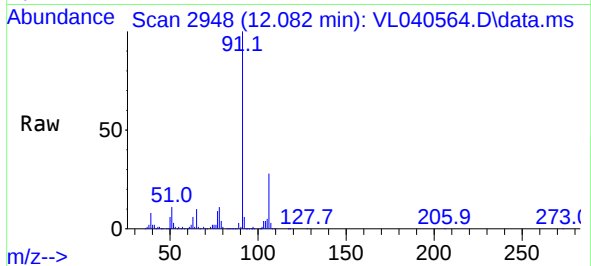
#58
Ethyl Benzene
Concen: 1.251 ppbv
RT: 12.082 min Scan# 2954
Delta R.T. -0.019 min
Lab File: VL040564.D
Acq: 27 Jul 2023 6:49

Instrument : MSVOA_L
ClientSampleId : SV-16-20230719

Tgt Ion: 91 Resp: 407662
Ion Ratio Lower Upper
91 100
106 28.3 25.4 38.0

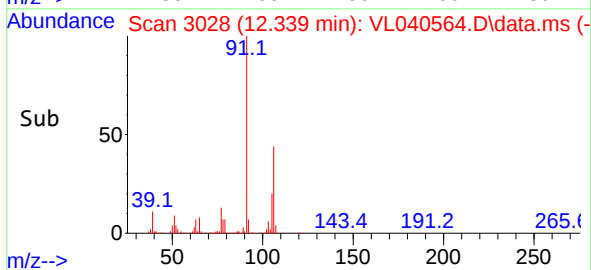
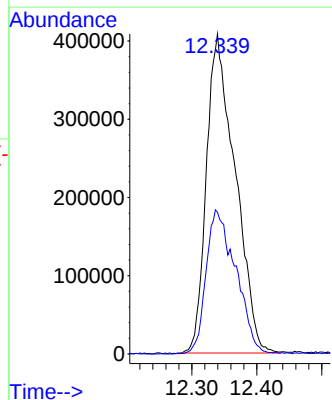
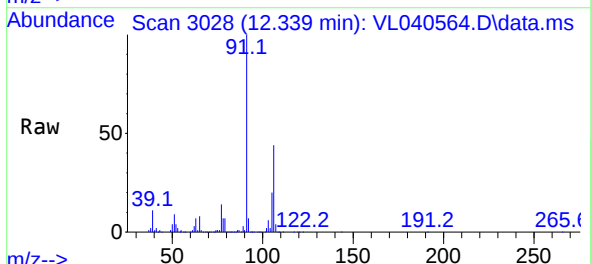
Manual Integrations
APPROVED

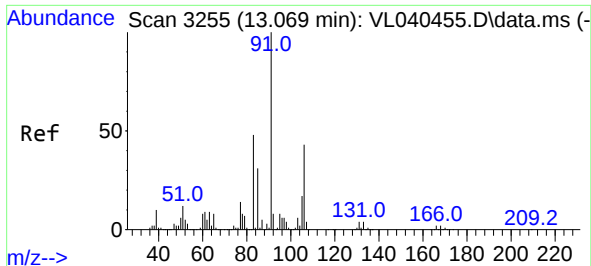
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#59
m/p-Xylene
Concen: 4.308 ppbv
RT: 12.339 min Scan# 3028
Delta R.T. -0.045 min
Lab File: VL040564.D
Acq: 27 Jul 2023 6:49

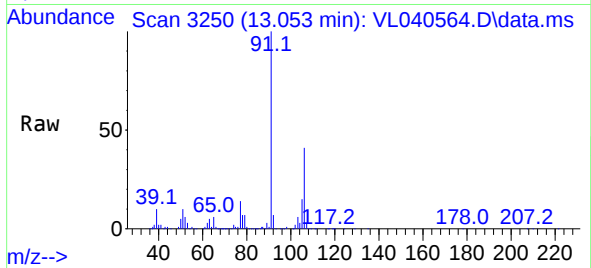
Tgt Ion: 91 Resp: 1253257
Ion Ratio Lower Upper
91 100
106 46.8 35.9 53.9





#60
o-Xylene
Concen: 1.698 ppbv
RT: 13.053 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL040564.D
Acq: 27 Jul 2023 6:49

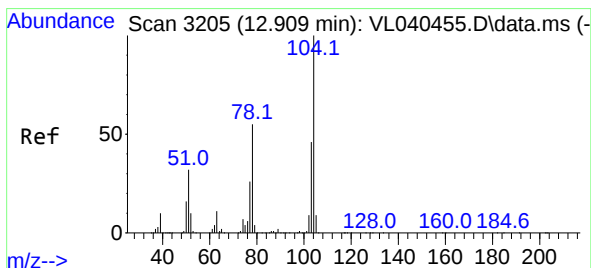
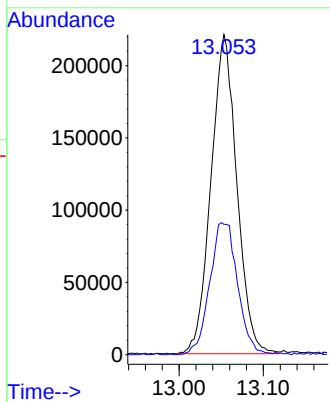
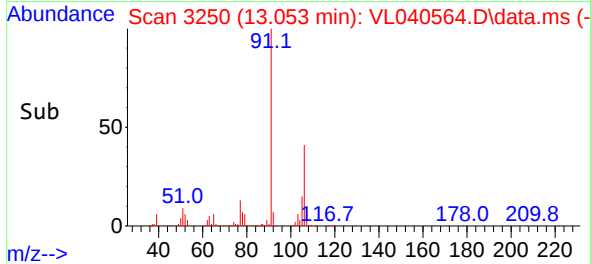
Instrument :
MSVOA_L
ClientSampleId :
SV-16-20230719



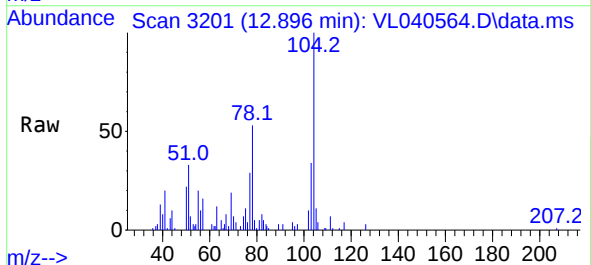
Tgt Ion: 91 Resp: 470570
Ion Ratio Lower Upper
91 100
106 44.8 22.7 68.0

Manual Integrations
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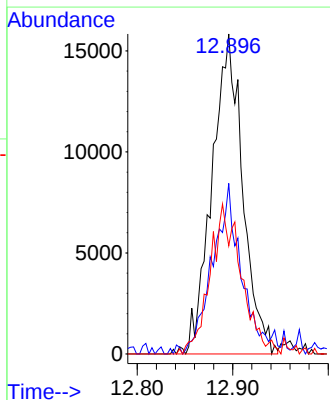
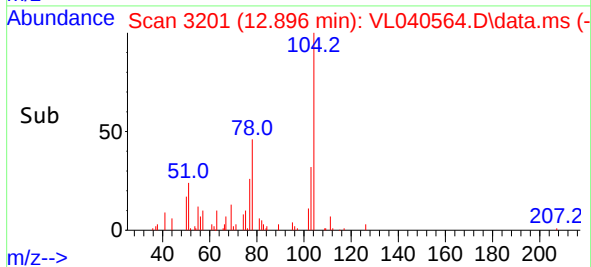
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

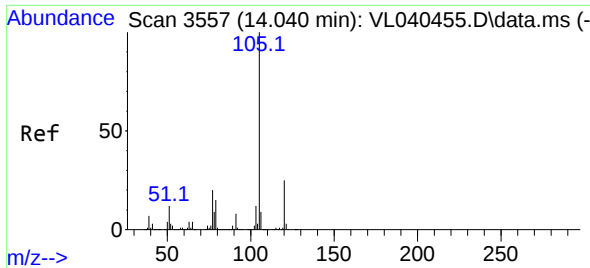


#61
Styrene
Concen: 0.278 ppbv m
RT: 12.896 min Scan# 3201
Delta R.T. -0.016 min
Lab File: VL040564.D
Acq: 27 Jul 2023 6:49



Tgt Ion:104 Resp: 35507
Ion Ratio Lower Upper
104 100
78 53.2 40.1 60.1
103 47.4 37.0 55.4





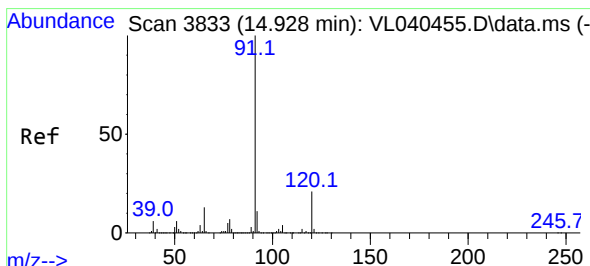
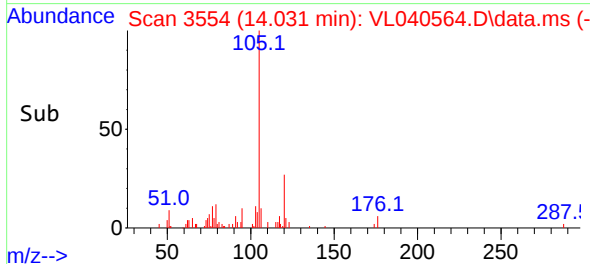
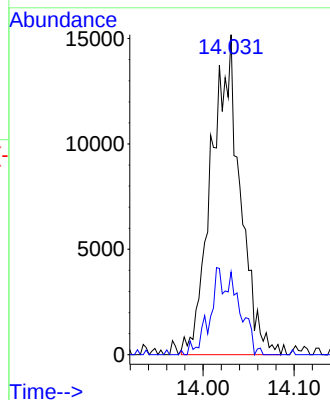
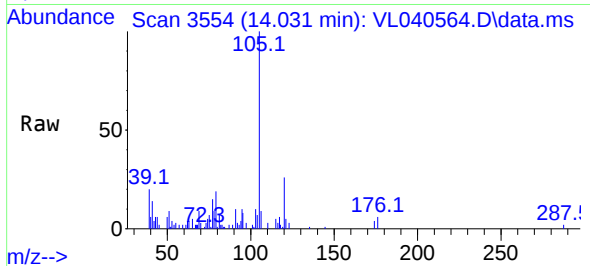
#62
Isopropylbenzene
Concen: 0.080 ppbv m
RT: 14.031 min Scan# 3557
Delta R.T. -0.010 min
Lab File: VL040564.D
Acq: 27 Jul 2023 6:49

Instrument :
MSVOA_L
ClientSampleId :
SV-16-20230719

Tgt Ion:105 Resp: 33410
Ion Ratio Lower Upper
105 100
120 26.3 20.8 31.2

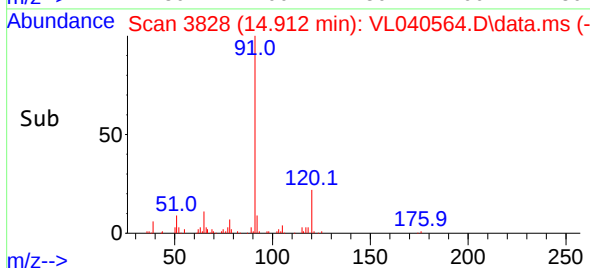
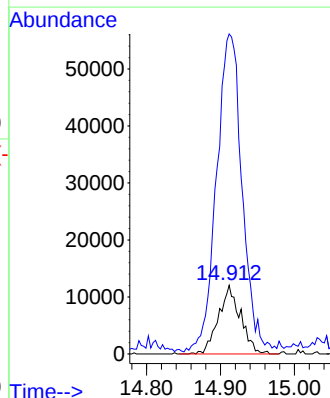
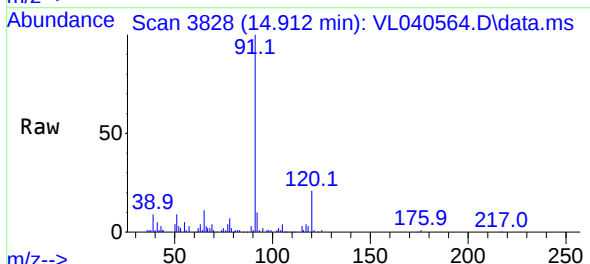
Manual Integrations
APPROVED

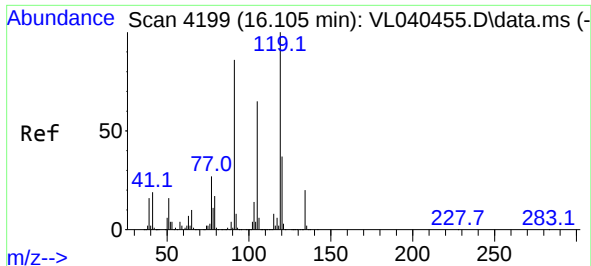
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#64
n-propylbenzene
Concen: 0.231 ppbv m
RT: 14.912 min Scan# 3828
Delta R.T. -0.019 min
Lab File: VL040564.D
Acq: 27 Jul 2023 6:49

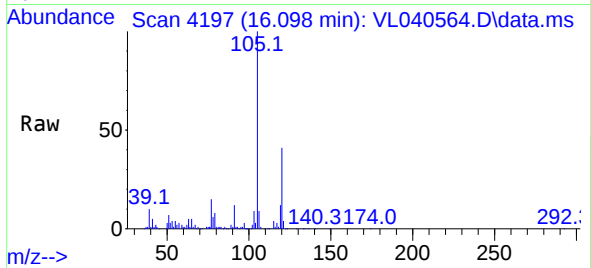
Tgt Ion:120 Resp: 24872
Ion Ratio Lower Upper
120 100
91 526.4 374.3 561.5





#65
tert-Butylbenzene
Concen: 0.164 ppbv m
RT: 16.098 min Scan# 4199
Delta R.T. -0.003 min
Lab File: VL040564.D
Acq: 27 Jul 2023 6:49

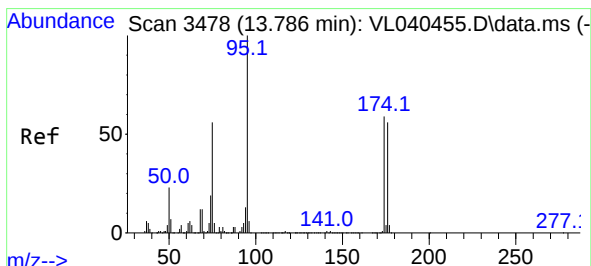
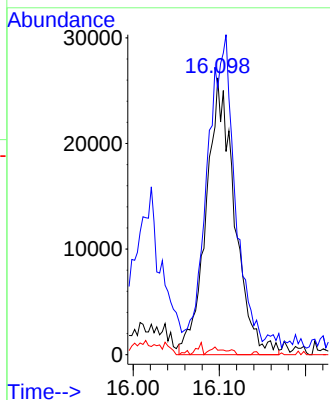
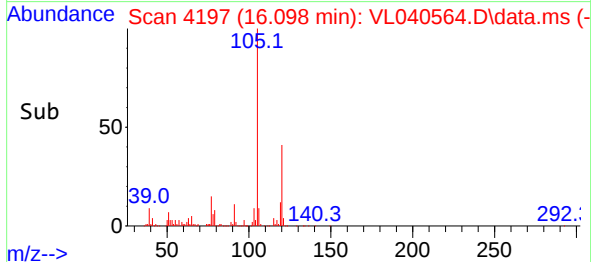
Instrument :
MSVOA_L
ClientSampleId :
SV-16-20230719



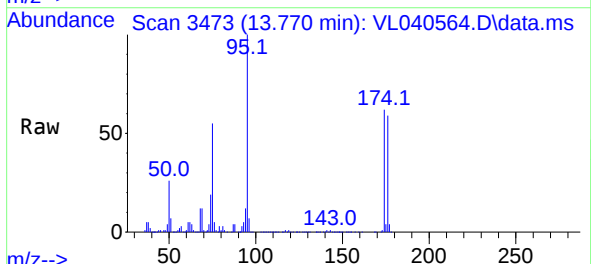
Tgt Ion:119 Resp: 60315
Ion Ratio Lower Upper
119 100
91 0.0 66.1 99.1
134 1.5 15.7 23.5

Manual Integrations
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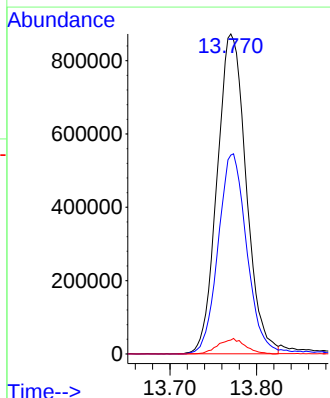
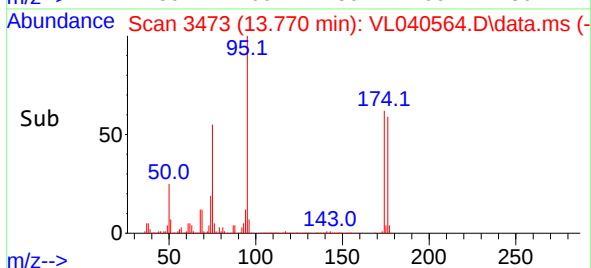
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

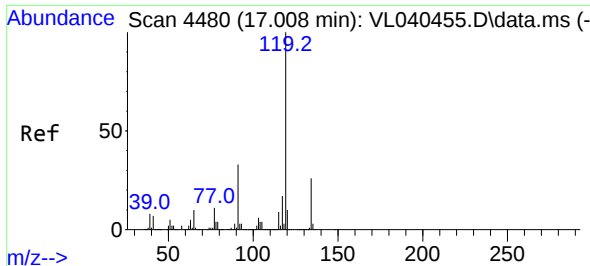


#68
1-Bromo-4-Fluorobenzene
Concen: 9.875 ppbv
RT: 13.770 min Scan# 3473
Delta R.T. -0.013 min
Lab File: VL040564.D
Acq: 27 Jul 2023 6:49



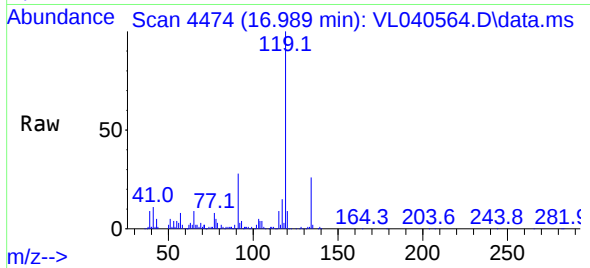
Tgt Ion: 95 Resp: 2030062
Ion Ratio Lower Upper
95 100
174 62.7 50.6 75.8
175 4.6 3.7 5.5





#69
p-Isopropyltoluene
Concen: 0.575 ppbv
RT: 16.989 min Scan# 4480
Delta R.T. -0.016 min
Lab File: VL040564.D
Acq: 27 Jul 2023 6:49

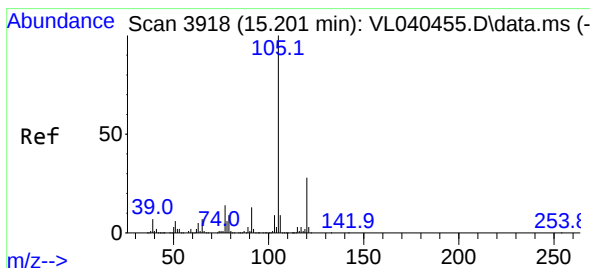
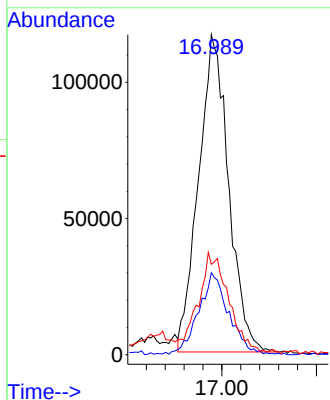
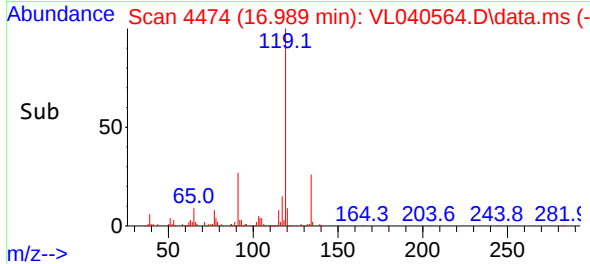
Instrument :
MSVOA_L
ClientSampleId :
SV-16-20230719



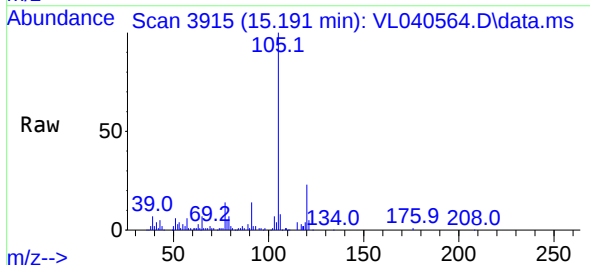
Tgt Ion:119 Resp: 256908
Ion Ratio Lower Upper
119 100
134 26.0 20.5 30.7
91 32.1 23.8 35.8

Manual Integrations
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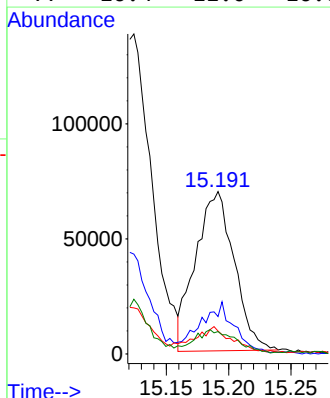
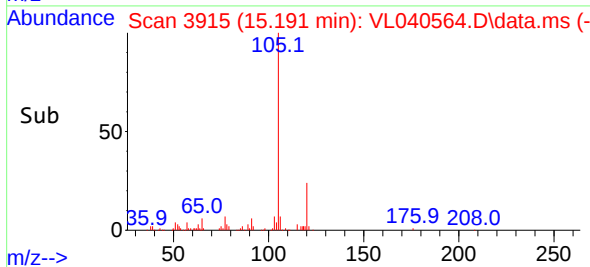
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

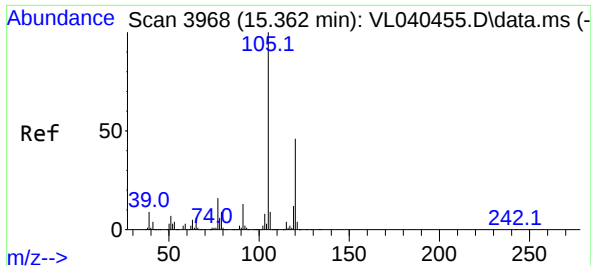


#72
4-Ethyltoluene
Concen: 0.461 ppbv
RT: 15.191 min Scan# 3915
Delta R.T. -0.013 min
Lab File: VL040564.D
Acq: 27 Jul 2023 6:49



Tgt Ion:105 Resp: 149663
Ion Ratio Lower Upper
105 100
120 30.4 24.6 37.0
91 17.2 10.7 16.1#
77 16.4 11.0 16.6





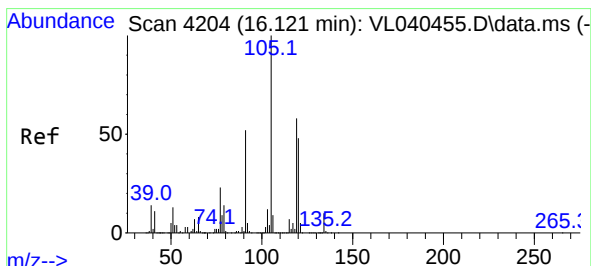
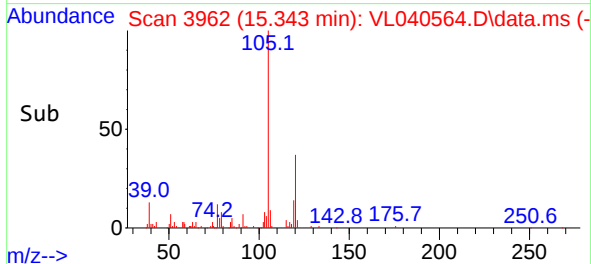
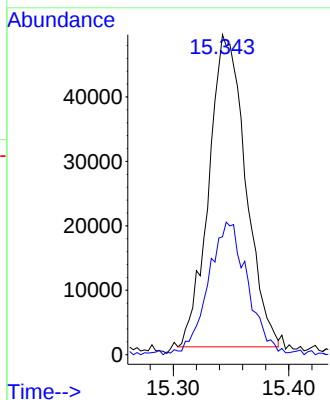
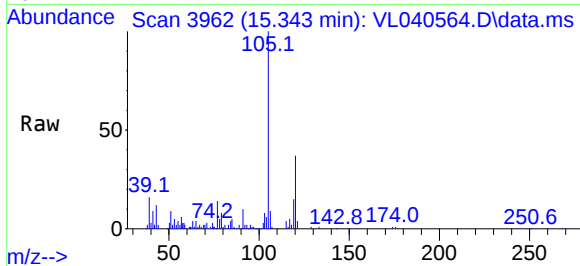
#73
1,3,5-Trimethylbenzene
Concen: 0.375 ppbv
RT: 15.343 min Scan# 3968
Delta R.T. -0.019 min
Lab File: VL040564.D
Acq: 27 Jul 2023 6:49

Instrument :
MSVOA_L
ClientSampleId :
SV-16-20230719

Tgt Ion:105 Resp: 107309
Ion Ratio Lower Upper
105 100
120 36.6 38.2 57.2

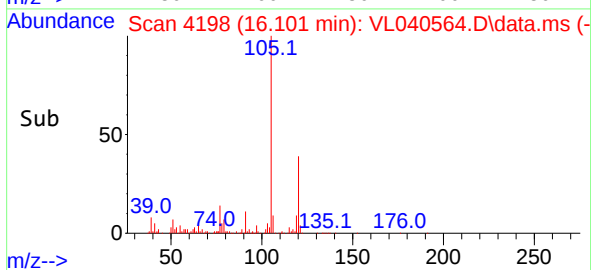
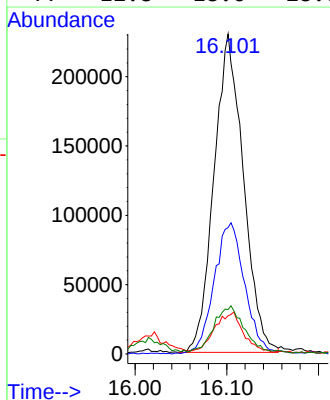
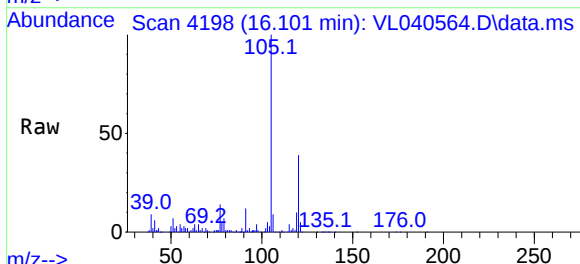
Manual Integrations
APPROVED

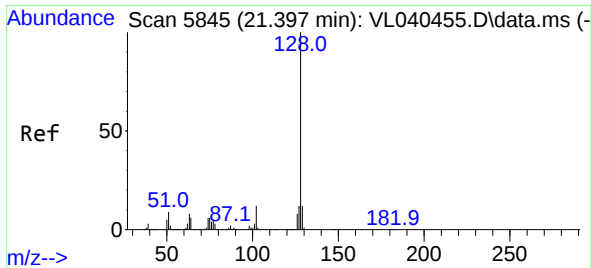
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#74
1,2,4-Trimethylbenzene
Concen: 1.533 ppbv
RT: 16.101 min Scan# 4198
Delta R.T. -0.016 min
Lab File: VL040564.D
Acq: 27 Jul 2023 6:49

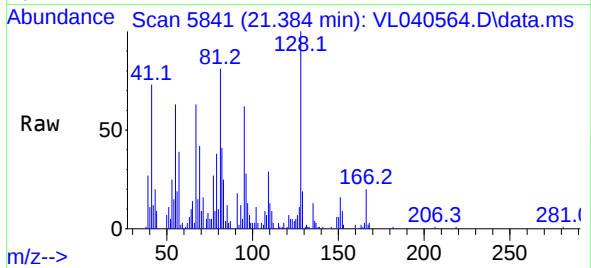
Tgt Ion:105 Resp: 511834
Ion Ratio Lower Upper
105 100
120 39.4 40.3 60.5#
91 11.2 46.8 70.2#
77 12.8 18.6 28.0#





#79
Naphthalene
Concen: 0.203 ppbv m
RT: 21.384 min Scan# 5841
Delta R.T. -0.010 min
Lab File: VL040564.D
Acq: 27 Jul 2023 6:49

Instrument :
MSVOA_L
ClientSampleId :
SV-16-20230719



Tgt Ion:128 Resp: 57470
Ion Ratio Lower Upper
128 100
127 10.7 10.7 16.1
129 18.6 9.2 13.8

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

