

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061523\
 Data File : VL040475.D
 Acq On : 15 Jun 2023 20:20
 Operator : SY/MD
 Sample : 03250-03DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVP-03DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/16/2023
 Supervised By :Mahesh Dadoda 06/16/2023

Quant Time: Jun 16 05:40:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2023
 QLast Update : Tue Jun 06 06:22:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.201	49	1154810	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.661	114	3003552	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.481	117	2749295	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.793	95	2360624	10.403	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	= 104.000%	
Target Compounds						
						Qvalue
9) Propene	2.710	41	41458	0.711	ppbv	# 75
10) Heptane	7.594	43	35071m	0.266	ppbv	
15) Acetone	3.475	43	1207158	8.667	ppbv	91
17) tert-Butyl alcohol	3.906	59	38339m	0.335	ppbv	
20) Methylene Chloride	3.941	84	20979m	0.353	ppbv	
26) Hexane	5.221	57	1545410	12.931	ppbv	# 40
30) Cyclohexane	6.610	84	23997	0.249	ppbv	# 89
34) 2-Butanone	4.803	43	225997	1.560	ppbv	98
52) Tetrachloroethene	10.626	164	5849m	0.078	ppbv	
73) 1,3,5-Trimethylbenzene	15.365	105	58135m	0.201	ppbv	
74) 1,2,4-Trimethylbenzene	16.121	105	114031	0.335	ppbv	# 71

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

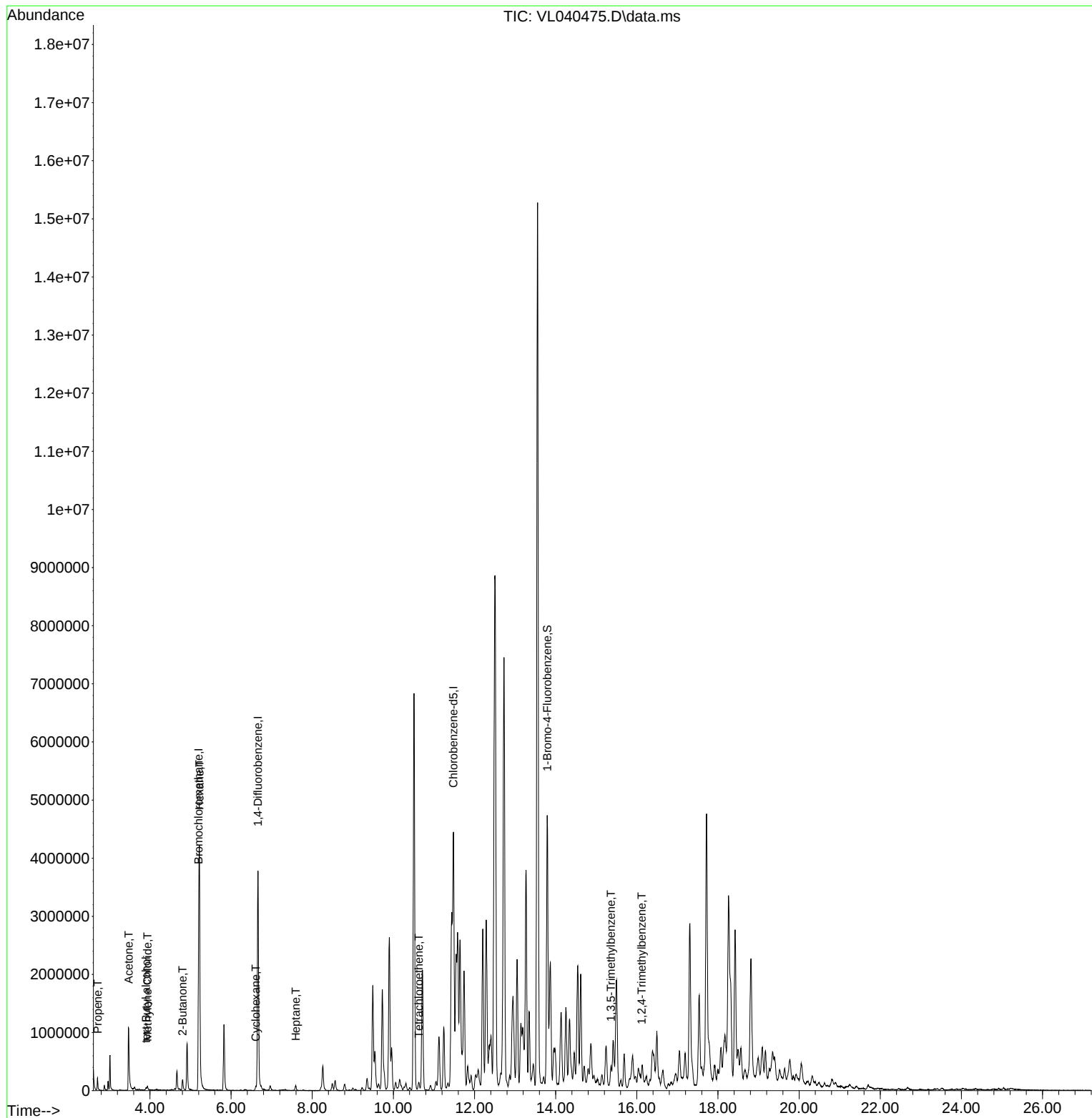
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061523\
Data File : VL040475.D
Acq On : 15 Jun 2023 20:20
Operator : SY/MD
Sample : 03250-03DL 20X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

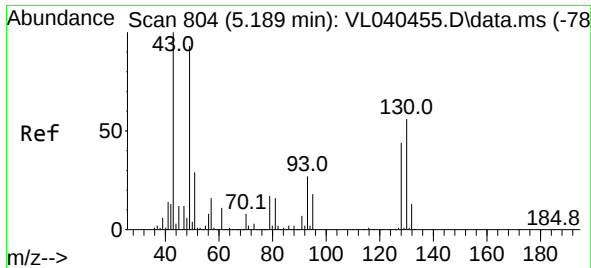
Instrument :
MSVOA_L
ClientSampleId :
SVP-03DL

Quant Time: Jun 16 05:40:29 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060523AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Tue Jun 06 06:22:12 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

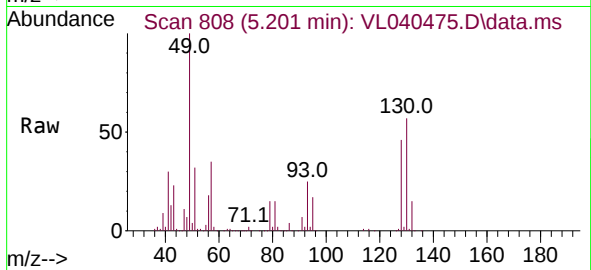
Reviewed By :Semsettin Yesilyurt 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.201 min Scan# 804
Delta R.T. 0.012 min
Lab File: VL040475.D
Acq: 15 Jun 2023 20:20

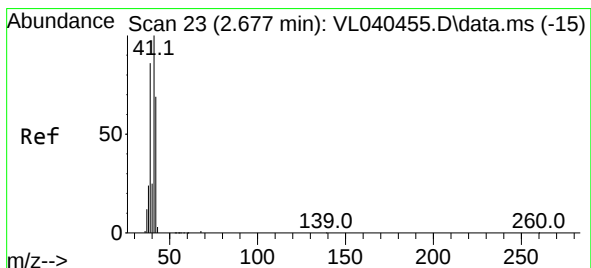
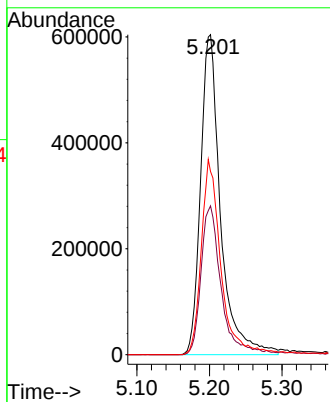
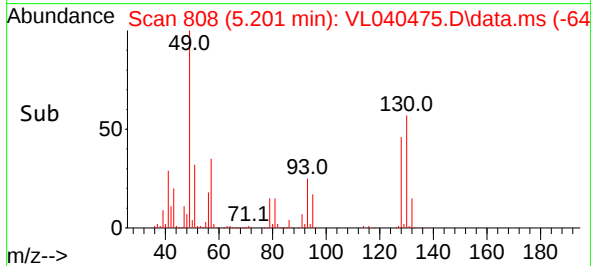
Instrument :
MSVOA_L
ClientSampleId :
SVP-03DL



Tgt Ion: 49 Resp: 1154810
Ion Ratio Lower Upper
49 100
128 48.0 24.7 74.1
130 60.4 31.4 94.2

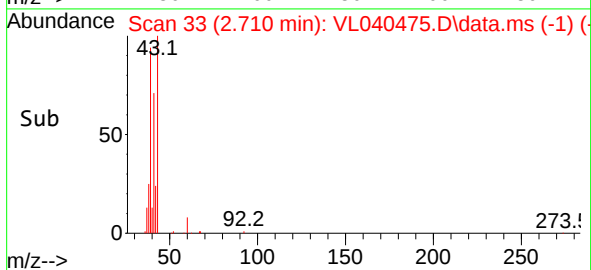
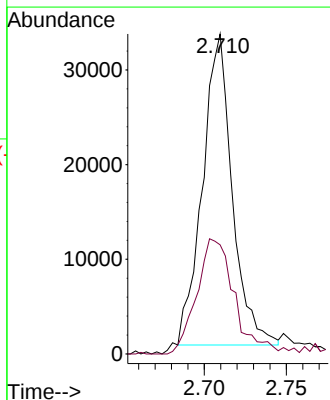
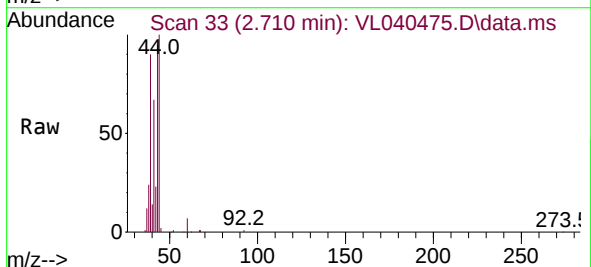
Manual Integrations
APPROVED

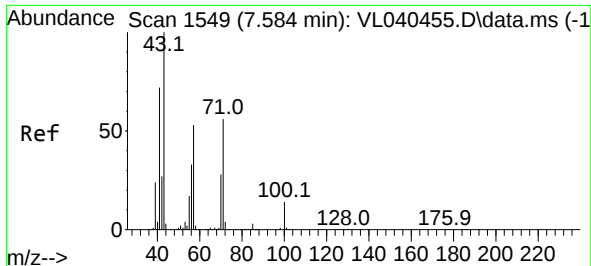
Reviewed By :Semsettin Yesilyurt 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#9
Propene
Concen: 0.711 ppbv
RT: 2.710 min Scan# 33
Delta R.T. 0.032 min
Lab File: VL040475.D
Acq: 15 Jun 2023 20:20

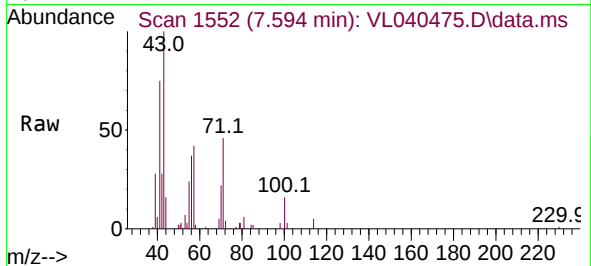
Tgt Ion: 41 Resp: 41458
Ion Ratio Lower Upper
41 100
42 49.6 56.2 84.2





#10
Heptane
Concen: 0.266 ppbv m
RT: 7.594 min Scan# 11
Delta R.T. 0.010 min
Lab File: VL040475.D
Acq: 15 Jun 2023 20:20

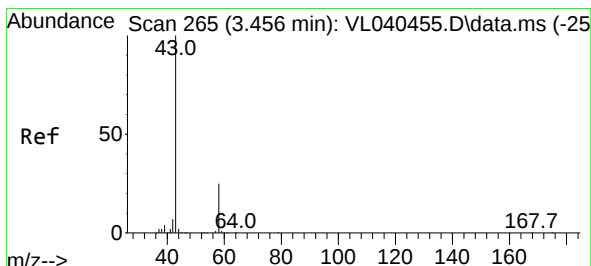
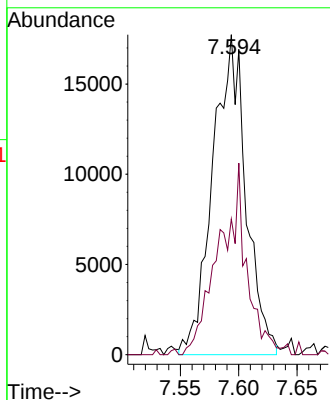
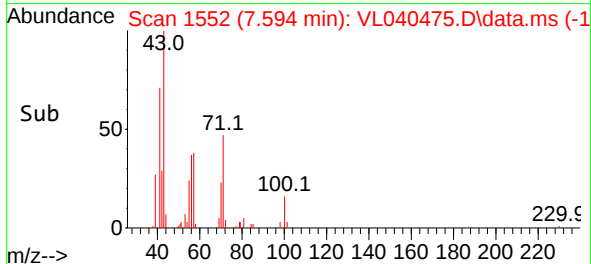
Instrument :
MSVOA_L
ClientSampleId :
SVP-03DL



Tgt Ion: 43 Resp: 3507
Ion Ratio Lower Upper
43 100
57 50.7 42.5 63.7

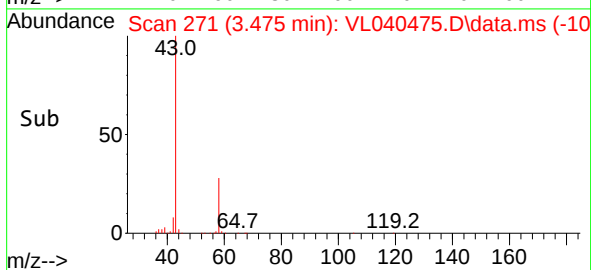
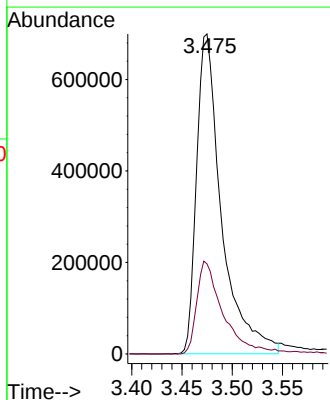
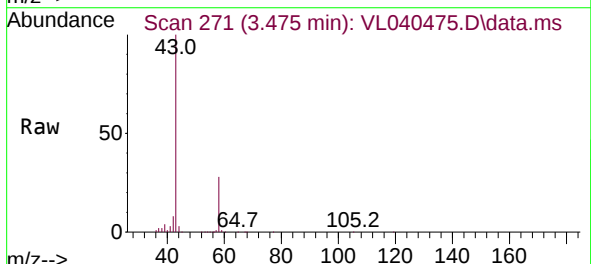
Manual Integrations
APPROVED

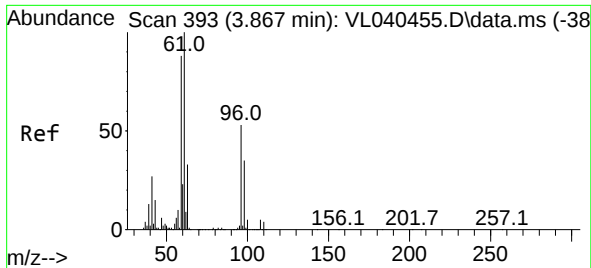
Reviewed By :Semsettin Yesilyurt 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#15
Acetone
Concen: 8.667 ppbv
RT: 3.475 min Scan# 271
Delta R.T. 0.019 min
Lab File: VL040475.D
Acq: 15 Jun 2023 20:20

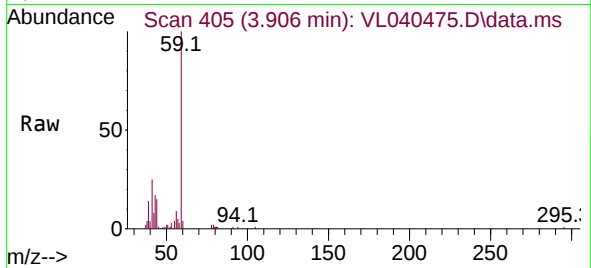
Tgt Ion: 43 Resp: 1207158
Ion Ratio Lower Upper
43 100
58 31.8 21.6 32.4





#17
tert-Butyl alcohol
Concen: 0.335 ppbv m
RT: 3.906 min Scan# 405
Delta R.T. 0.039 min
Lab File: VL040475.D
Acq: 15 Jun 2023 20:20

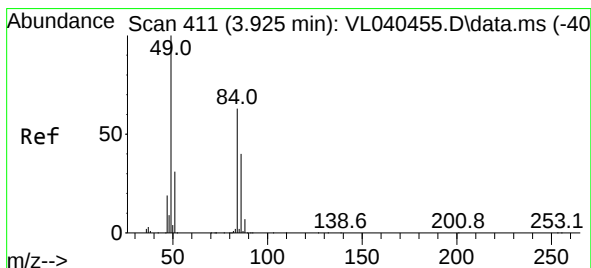
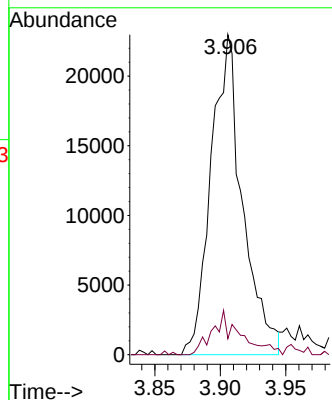
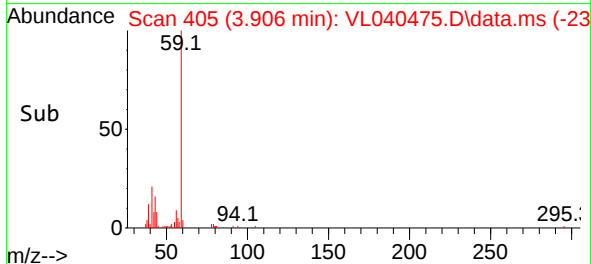
Instrument :
MSVOA_L
ClientSampleId :
SVP-03DL



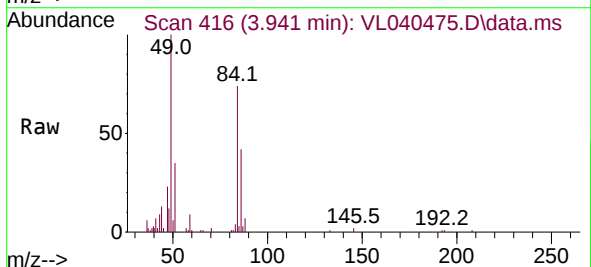
Tgt Ion: 59 Resp: 38339
Ion Ratio Lower Upper
59 100
57 13.9 8.8 13.2

Manual Integrations
APPROVED

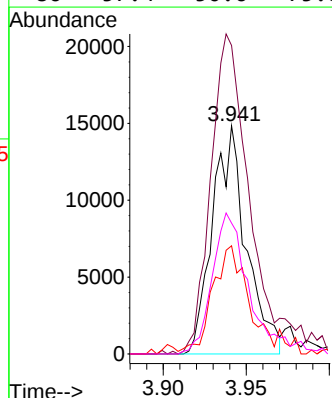
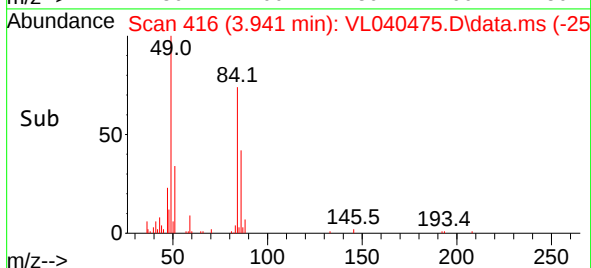
Reviewed By :Semsettin Yesilyurt 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

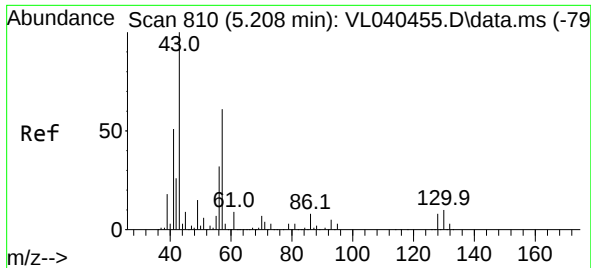


#20
Methylene Chloride
Concen: 0.353 ppbv m
RT: 3.941 min Scan# 416
Delta R.T. 0.016 min
Lab File: VL040475.D
Acq: 15 Jun 2023 20:20



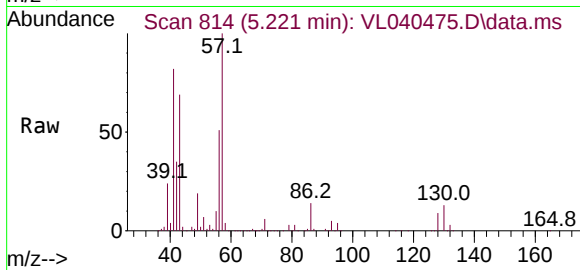
Tgt Ion: 84 Resp: 20979
Ion Ratio Lower Upper
84 100
49 135.3 126.2 189.2
51 47.4 38.7 58.1
86 57.4 50.6 75.8





#26
Hexane
Concen: 12.931 ppbv
RT: 5.221 min Scan# 814
Delta R.T. 0.013 min
Lab File: VL040475.D
Acq: 15 Jun 2023 20:20

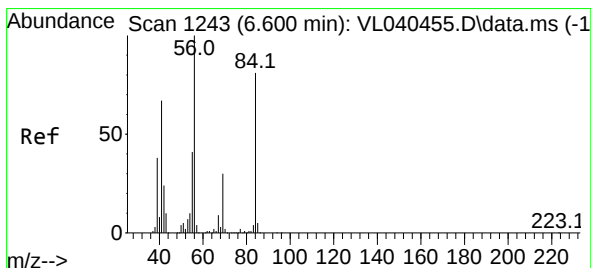
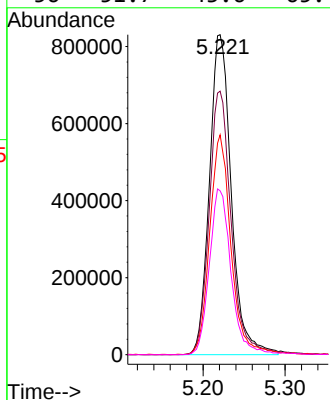
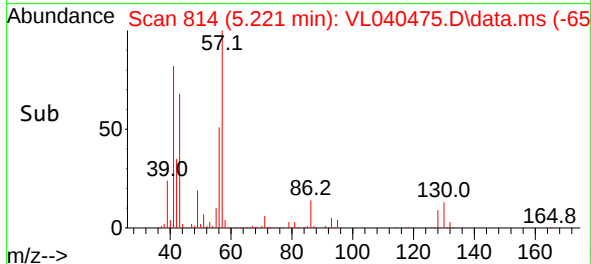
Instrument :
MSVOA_L
ClientSampleId :
SVP-03DL



Tgt Ion: 57 Resp: 1545410
Ion Ratio Lower Upper
57 100
41 83.5 73.0 109.6
43 67.2 177.5 266.3
56 51.7 43.6 65.4

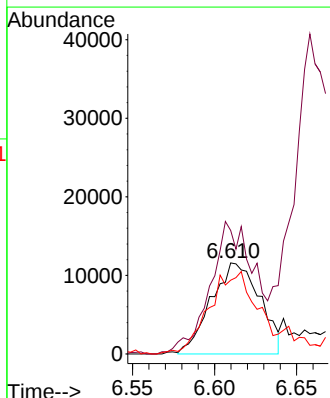
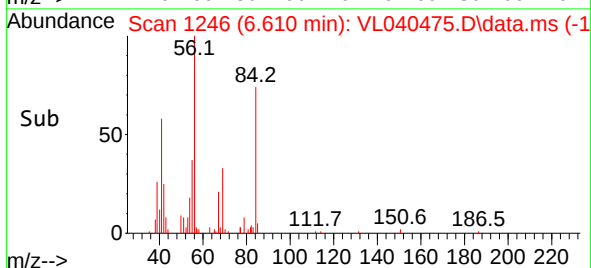
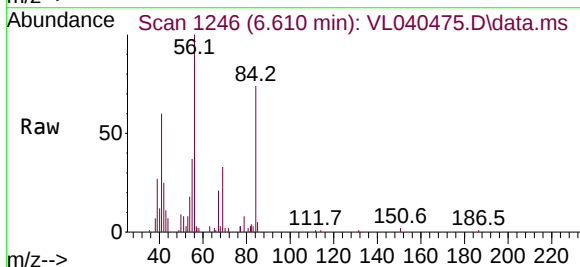
Manual Integrations
APPROVED

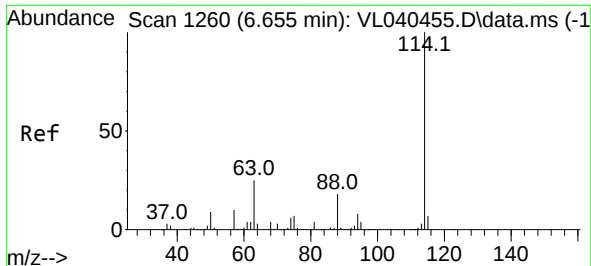
Reviewed By :Semsettin Yesilyurt 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#30
Cyclohexane
Concen: 0.249 ppbv
RT: 6.610 min Scan# 1246
Delta R.T. 0.010 min
Lab File: VL040475.D
Acq: 15 Jun 2023 20:20

Tgt Ion: 84 Resp: 23997
Ion Ratio Lower Upper
84 100
56 137.5 106.0 159.0
41 102.0 66.8 100.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.661 min Scan# 114

Delta R.T. 0.006 min

Lab File: VL040475.D

Acq: 15 Jun 2023 20:20

Instrument :

MSVOA_L

ClientSampleId :

SVP-03DL

Tgt Ion:114 Resp: 300355

Ion Ratio Lower Upper

114 100

63 24.7 21.0 31.6

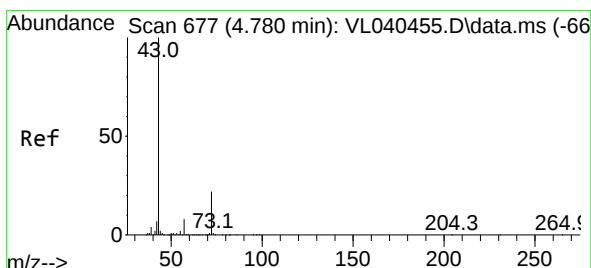
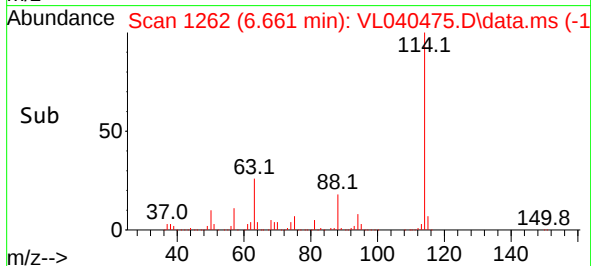
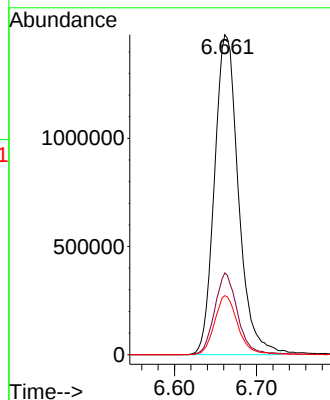
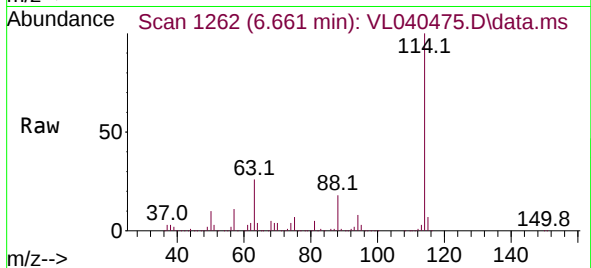
88 18.1 14.5 21.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#34

2-Butanone

Concen: 1.560 ppbv

RT: 4.803 min Scan# 684

Delta R.T. 0.023 min

Lab File: VL040475.D

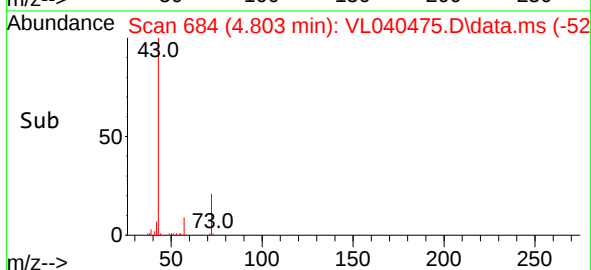
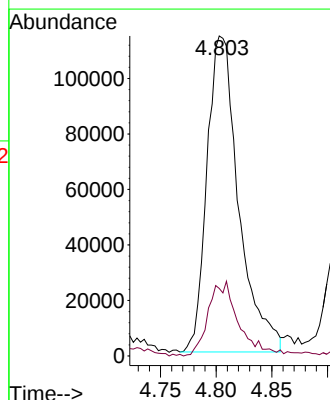
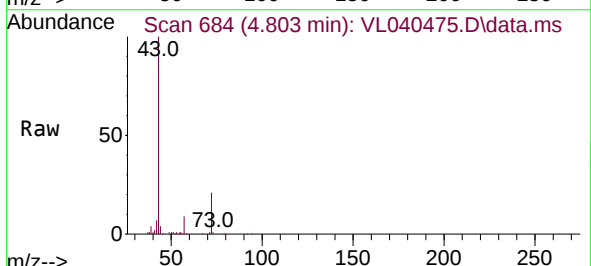
Acq: 15 Jun 2023 20:20

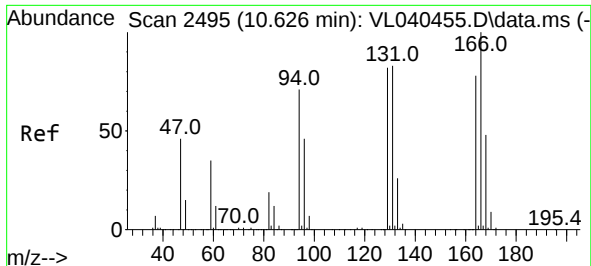
Tgt Ion: 43 Resp: 225997

Ion Ratio Lower Upper

43 100

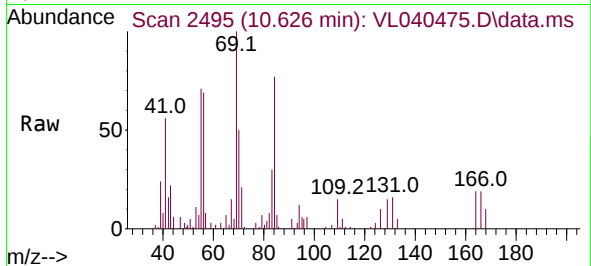
72 23.5 18.1 27.1





#52
Tetrachloroethene
Concen: 0.078 ppbv m
RT: 10.626 min Scan# 2495
Delta R.T. 0.000 min
Lab File: VL040475.D
Acq: 15 Jun 2023 20:20

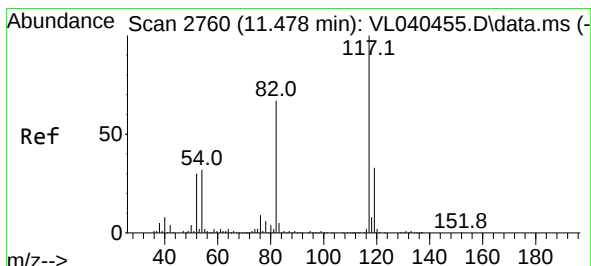
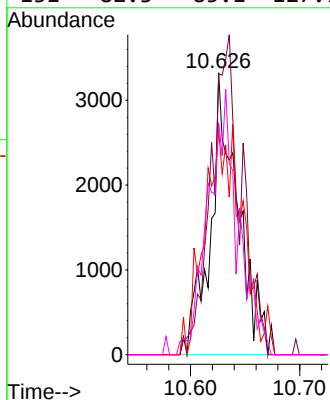
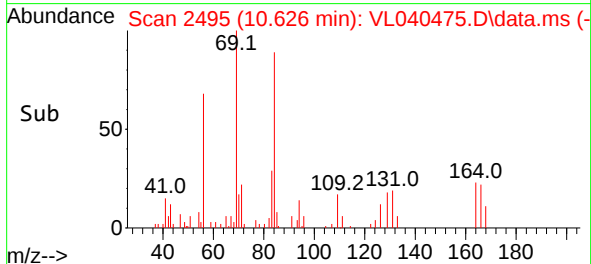
Instrument :
MSVOA_L
ClientSampleId :
SVP-03DL



Tgt Ion:164 Resp: 5849
Ion Ratio Lower Upper
164 100
166 99.6 102.7 154.1
129 79.6 84.6 126.8
131 82.3 85.1 127.7#

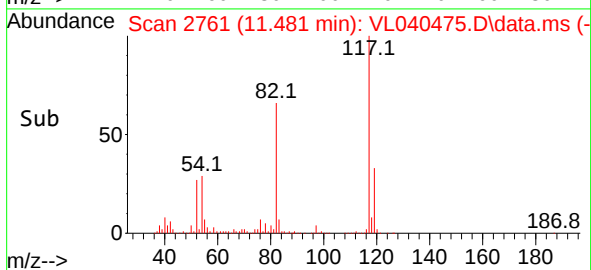
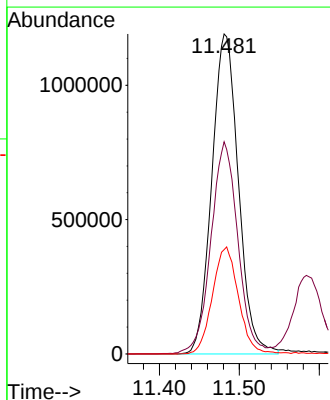
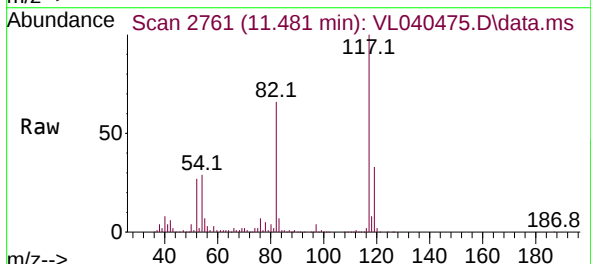
Manual Integrations
APPROVED

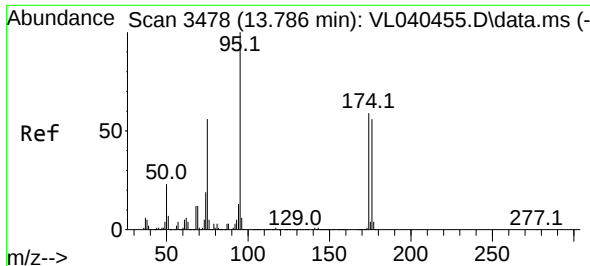
Reviewed By :Semsettin Yesilyurt 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.481 min Scan# 2761
Delta R.T. 0.003 min
Lab File: VL040475.D
Acq: 15 Jun 2023 20:20

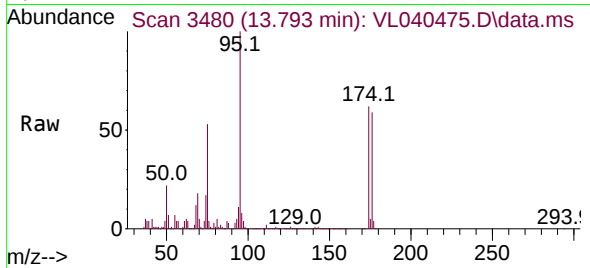
Tgt Ion:117 Resp: 2749295
Ion Ratio Lower Upper
117 100
82 67.2 53.0 79.4
119 33.1 24.4 36.6





#68
1-Bromo-4-Fluorobenzene
Concen: 10.403 ppbv
RT: 13.793 min Scan# 3478
Delta R.T. 0.006 min
Lab File: VL040475.D
Acq: 15 Jun 2023 20:20

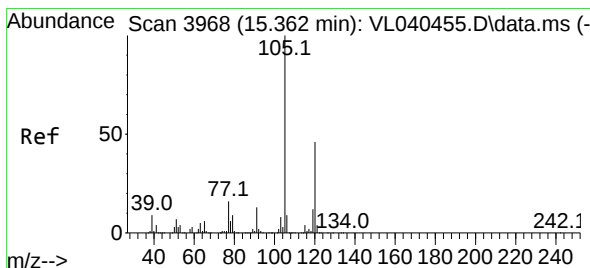
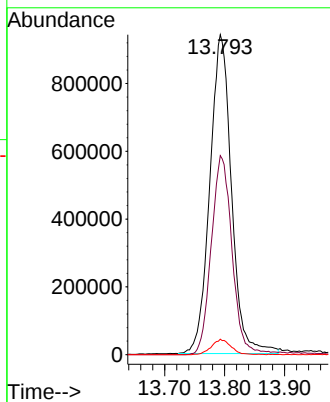
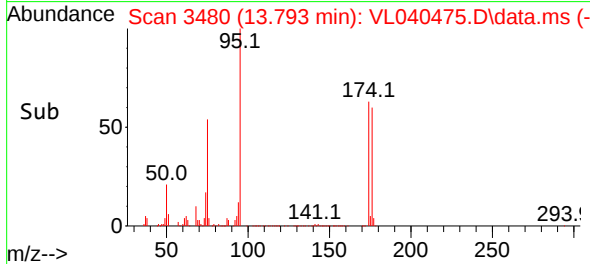
Instrument :
MSVOA_L
ClientSampleId :
SVP-03DL



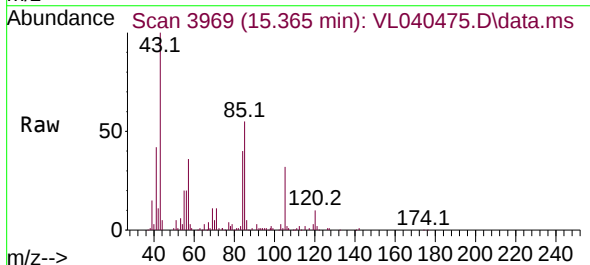
Tgt Ion: 95 Resp: 2360624
Ion Ratio Lower Upper
95 100
174 61.1 47.7 71.5
175 4.4 3.5 5.3

Manual Integrations
APPROVED

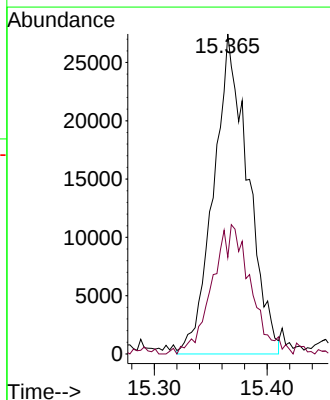
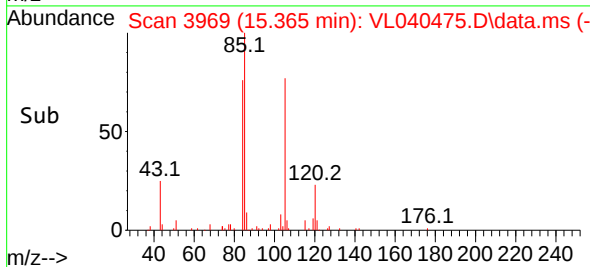
Reviewed By :Semsettin Yesilyurt 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

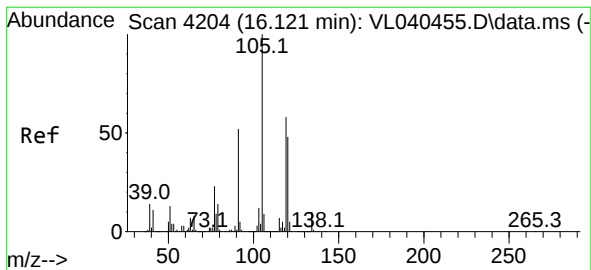


#73
1,3,5-Trimethylbenzene
Concen: 0.201 ppbv m
RT: 15.365 min Scan# 3969
Delta R.T. 0.003 min
Lab File: VL040475.D
Acq: 15 Jun 2023 20:20



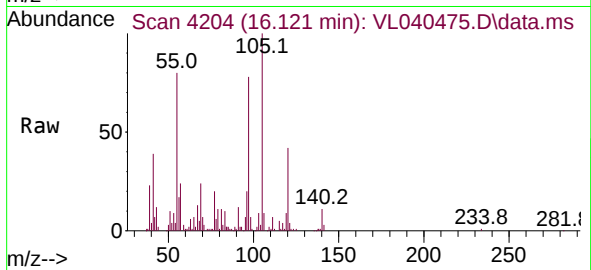
Tgt Ion:105 Resp: 58135
Ion Ratio Lower Upper
105 100
120 30.2 36.4 54.6#





#74
 1,2,4-Trimethylbenzene
 Concen: 0.335 ppbv
 RT: 16.121 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL040475.D
 Acq: 15 Jun 2023 20:20

Instrument :
 MSVOA_L
 ClientSampleId :
 SVP-03DL



Tgt Ion:	105	Resp:	11403
Ion Ratio	Lower	Upper	
105	100		
120	41.6	38.4	57.6
91	12.0	41.3	61.9
77	19.8	18.6	28.0

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/16/2023
 Supervised By :Mahesh Dadoda 06/16/2023

