

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102122\
 Data File : VL039743.D
 Acq On : 21 Oct 2022 11:58
 Operator : SY/AP
 Sample : VSTDICC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.5

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 10/24/2022
 Supervised By : Mahesh Dadoda 10/24/2022

Quant Time: Oct 21 14:25:16 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102122AIR.M

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

QLast Update : Fri Oct 21 14:16:04 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.198	49	983768	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.652	114	2838697	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.458	117	2508337	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.764 95 1786042 9.538 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 95.400%

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	2.751	85	89842m	0.788	ppbv	
3) Chlorodifluoromethane	2.693	51	66143	0.567	ppbv	98
4) Chloromethane	2.832	50	41444	0.588	ppbv	92
5) Vinyl Chloride	2.938	62	29001	0.494	ppbv	90
6) Bromomethane	3.137	94	11125	0.514	ppbv #	75
7) Chloroethane	3.218	64	10131	0.472	ppbv	94
8) Dichlorotetrafluoroethane	2.877	85	81497	0.596	ppbv	99
9) Propene	2.716	41	29808	0.559	ppbv	94
10) Heptane	7.578	43	55407	0.445	ppbv	93
11) Trichlorofluoromethane	3.574	101	77471	0.549	ppbv	96
12) 1,1,2-Trichlorotrifluo...	4.073	101	65519m	0.614	ppbv	
13) Ethanol	3.272	45	2274m	0.560	ppbv	
14) Bromoethene	3.382	108	22582	0.530	ppbv #	86
15) Acetone	3.497	43	58614m	0.535	ppbv	
16) 1,3-Butadiene	3.002	39	26280	0.473	ppbv	88
17) tert-Butyl alcohol	3.912	59	42980	0.438	ppbv #	89
18) 1,1-Dichloroethene	3.893	96	27737m	0.591	ppbv	
19) Isopropyl Alcohol	3.610	45	28490m	0.511	ppbv	
20) Methylene Chloride	3.944	84	26588	0.525	ppbv #	92
21) Allyl Chloride	4.012	41	40679m	0.546	ppbv	
22) trans-1,2-Dichloroethene	4.455	96	26875	0.579	ppbv	93
23) Vinyl Acetate	4.645	43	24186m	0.489	ppbv	
24) 1,1-Dichloroethane	4.568	63	58727m	0.596	ppbv	
25) Ethyl Acetate	5.221	43	116919	0.490	ppbv #	97
26) Hexane	5.221	57	47685	0.471	ppbv	90
27) Carbon Disulfide	4.137	76	50672m	0.476	ppbv	
28) Methyl tert-Butyl Ether	4.616	73	42083	0.494	ppbv	94
29) Chloroform	5.279	83	78227	0.535	ppbv #	83
30) Cyclohexane	6.610	84	39186m	0.500	ppbv	
31) cis-1,2-Dichloroethene	5.086	61	44160m	0.482	ppbv	
32) 1,1,1-Trichloroethane	6.005	97	66949	0.506	ppbv	92
34) 2-Butanone	4.809	43	64980m	0.466	ppbv	
35) Carbon Tetrachloride	6.491	117	72298m	0.480	ppbv	
36) Benzene	6.369	78	98005	0.452	ppbv	97
37) 1,2-Dichloroethane	5.812	62	55008m	0.466	ppbv	
38) Trichloroethene	7.288	130	57000m	0.486	ppbv	
39) 1,2-Dichloropropane	7.073	63	41303m	0.493	ppbv	
40) 1,4-Dioxane	7.324	88	17936m	0.524	ppbv	
41) Tetrahydrofuran	5.584	42	35778m	0.418	ppbv	
42) Bromodichloromethane	7.246	83	68606	0.418	ppbv	99
43) Methyl Methacrylate	7.481	69	31660m	0.400	ppbv	
44) 2,2,4-Trimethylpentane	7.324	57	164863	0.441	ppbv	95
45) t-1,3-Dichloropropene	8.709	75	21936m	0.328	ppbv	

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Instrument :
 MSVOA_L
 ClientSampleId :
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Manual Integrations
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Reviewed By : Semsettin Yesilyurt 10/24/2022
 Supervised By : Mahesh Dadoda 10/24/2022

Quant Time: Oct 21 14:25:16 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102122AIR.M

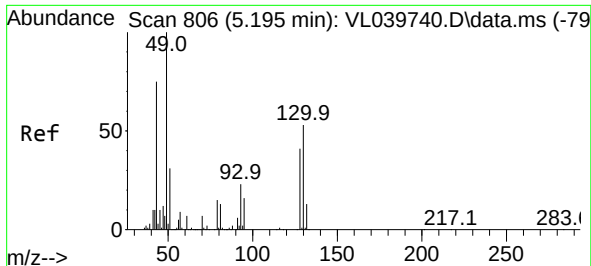
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Fri Oct 21 14:16:04 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.137	75	32317m	0.340	ppbv	
47) 1,1,2-Trichloroethane	8.893	97	43290m	0.473	ppbv	
48) Dibromochloromethane	9.703	129	55457m	0.402	ppbv	
49) Bromoform	12.394	173	40358m	0.354	ppbv	
50) 4-Methyl-2-Pentanone	8.204	43	88619m	0.404	ppbv	
51) 2-Hexanone	9.577	43	55429m	0.342	ppbv	
52) Tetrachloroethene	10.610	164	37224m	0.450	ppbv	
53) Toluene	9.221	91	90882	0.377	ppbv	97
54) 1,2-Dibromoethane	10.002	107	42294m	0.432	ppbv	
56) 1,1,1,2-Tetrachloroethane	11.500	131	48019	0.474	ppbv #	1
57) Chlorobenzene	11.516	112	88253	0.478	ppbv #	87
58) Ethyl Benzene	12.079	91	113239m	0.392	ppbv	
59) m/p-Xylene	12.365	91	215846m	0.839	ppbv	
60) o-Xylene	13.050	91	99159	0.403	ppbv	99
61) Styrene	12.892	104	43274m	0.327	ppbv	
62) Isopropylbenzene	14.024	105	161184	0.436	ppbv	97
63) 1,1,2,2-Tetrachloroethane	13.034	83	48274m	0.492	ppbv	
64) n-propylbenzene	14.908	120	40662m	0.429	ppbv	
65) tert-Butylbenzene	16.085	119	134173	0.411	ppbv	92
66) Benzyl Chloride	16.314	91	10205m	0.392	ppbv	
67) sec-Butylbenzene	16.629	105	185151	0.404	ppbv	97
69) p-Isopropyltoluene	16.989	119	142120	0.377	ppbv	94
70) n-Butylbenzene	17.883	91	132494	0.359	ppbv	98
71) 2-Chlorotoluene	14.789	91	108877	0.408	ppbv	98
72) 4-Ethyltoluene	15.182	105	109754m	0.391	ppbv	
73) 1,3,5-Trimethylbenzene	15.346	105	107249m	0.418	ppbv	
74) 1,2,4-Trimethylbenzene	16.098	105	121620m	0.423	ppbv	
75) 1,3-Dichlorobenzene	16.320	146	80027m	0.466	ppbv	
76) 1,4-Dichlorobenzene	16.468	146	77561m	0.451	ppbv	
77) 1,2-Dichlorobenzene	17.130	146	76593m	0.457	ppbv	
78) Hexachloro-1,3-Butadiene	22.616	225	64788m	0.506	ppbv	
79) Naphthalene	21.374	128	65895m	0.347	ppbv	
80) Naphthalene,2-methyl-	24.381	142	12475m	0.175	ppbv	
81) 1,2,4-Trichlorobenzene	21.124	180	46329m	0.371	ppbv	

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



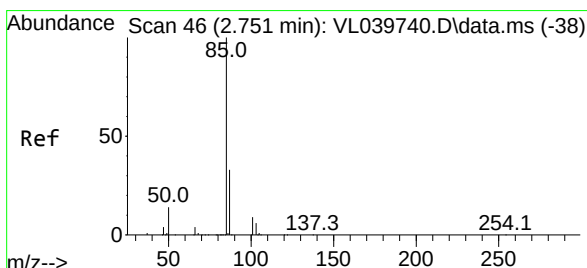
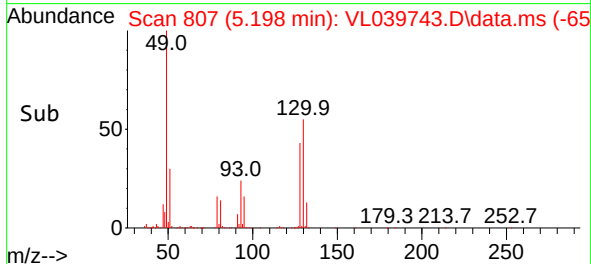
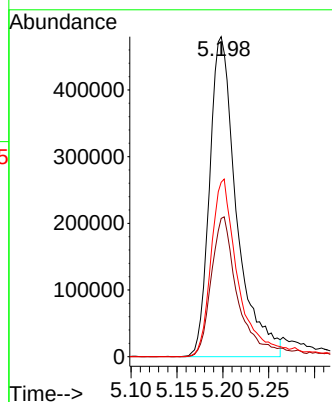
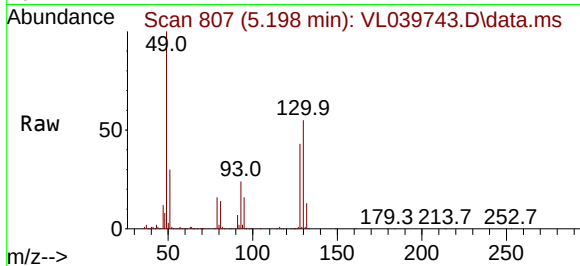
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Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 806
Delta R.T. 0.003 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 49 Resp: 983768
Ion Ratio Lower Upper
49 100
128 45.7 22.6 67.8
130 58.5 29.0 87.0

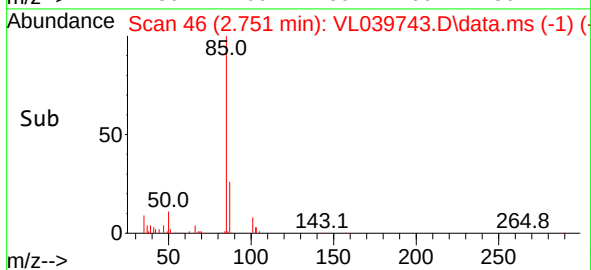
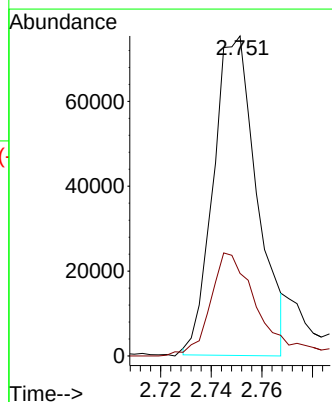
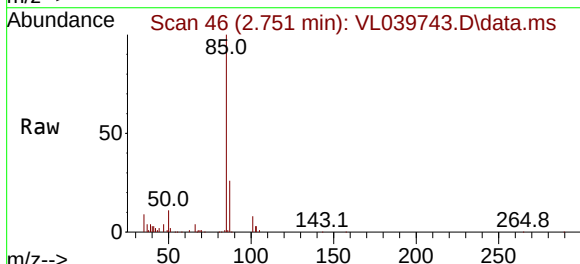
Manual Integrations
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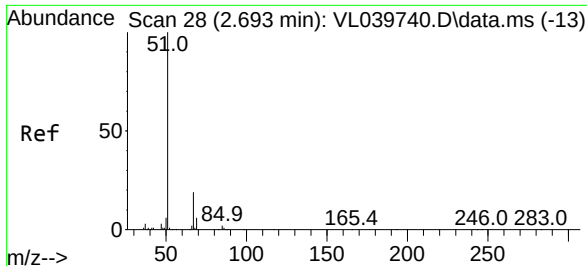
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#2
Dichlorodifluoromethane
Concen: 0.788 ppbv m
RT: 2.751 min Scan# 46
Delta R.T. 0.000 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58

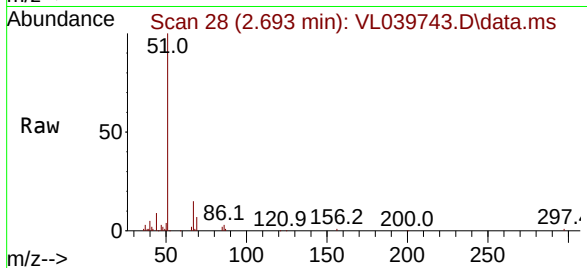
Tgt Ion: 85 Resp: 89842
Ion Ratio Lower Upper
85 100
87 25.8 26.6 40.0#





#3
Chlorodifluoromethane
Concen: 0.567 ppbv
RT: 2.693 min Scan# 28
Delta R.T. 0.000 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58

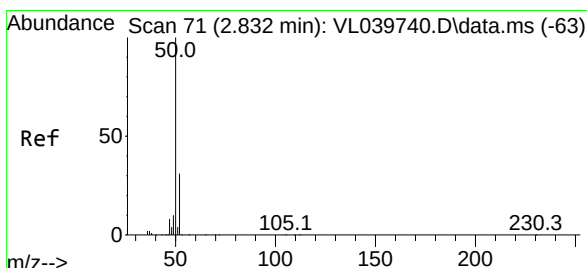
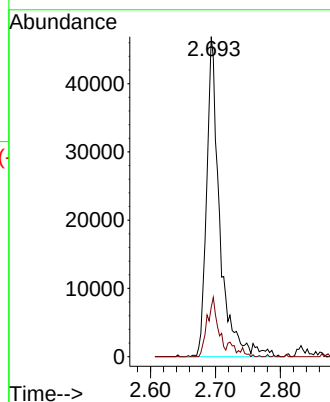
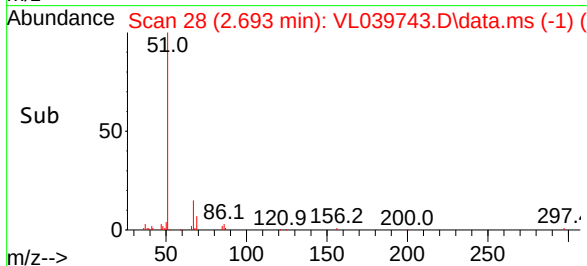
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 51 Resp: 6614
Ion Ratio Lower Upper
51 100
67 18.9 14.6 21.8

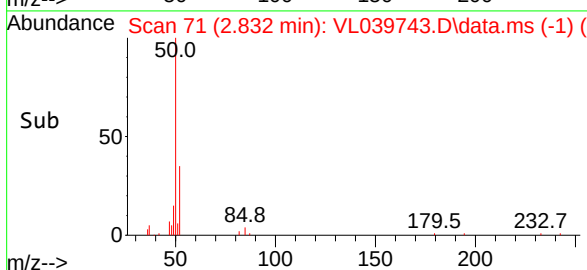
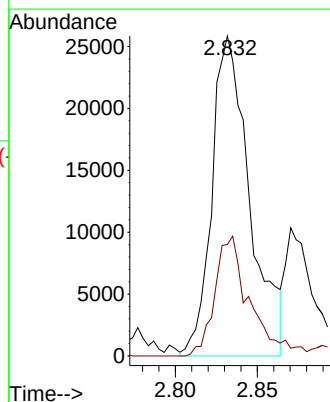
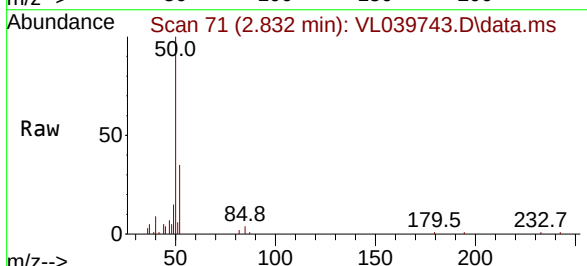
Manual Integrations
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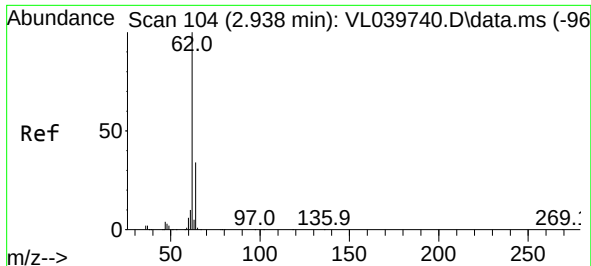
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#4
Chloromethane
Concen: 0.588 ppbv
RT: 2.832 min Scan# 71
Delta R.T. 0.000 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58

Tgt Ion: 50 Resp: 41444
Ion Ratio Lower Upper
50 100
52 35.3 24.8 37.2





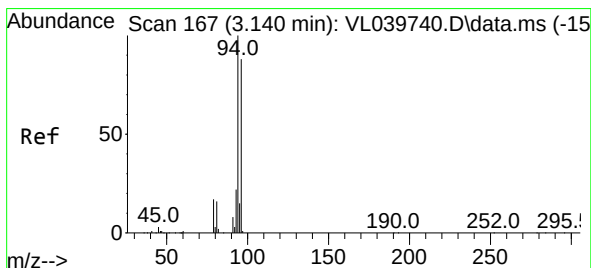
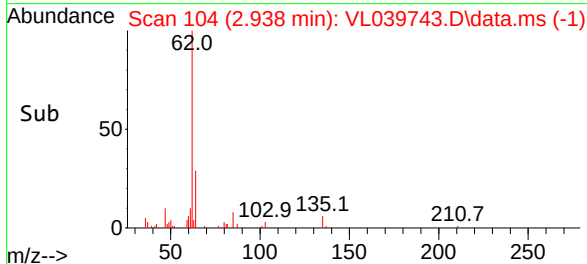
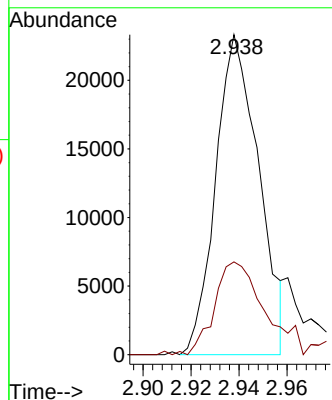
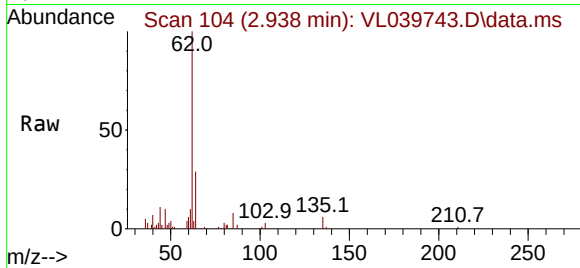
#5
 Vinyl Chloride
 Concen: 0.494 ppbv
 RT: 2.938 min Scan# 104
 Delta R.T. 0.000 min
 Lab File: VL039743.D
 Acq: 21 Oct 2022 11:58

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tgt Ion: 62 Resp: 2900
 Ion Ratio Lower Upper
 62 100
 64 28.0 27.1 40.7

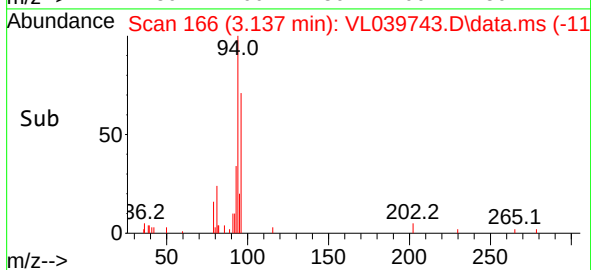
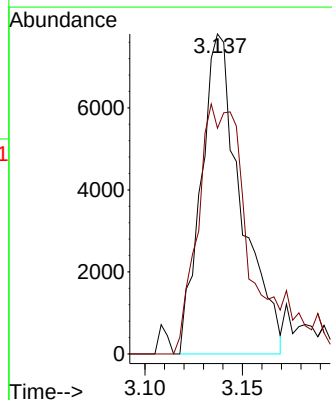
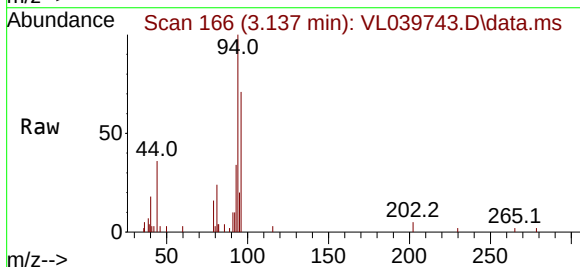
Manual Integrations
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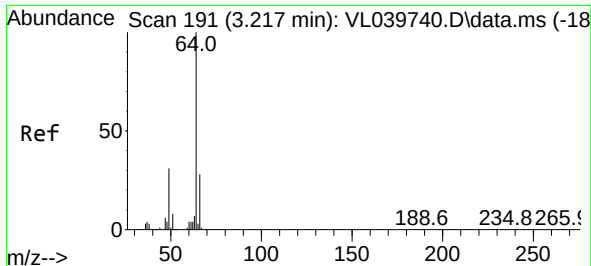
Reviewed By :Semsettin Yesilyurt 10/24/2022
 Supervised By :Mahesh Dadoda 10/24/2022



#6
 Bromomethane
 Concen: 0.514 ppbv
 RT: 3.137 min Scan# 166
 Delta R.T. -0.003 min
 Lab File: VL039743.D
 Acq: 21 Oct 2022 11:58

Tgt Ion: 94 Resp: 11125
 Ion Ratio Lower Upper
 94 100
 96 65.2 70.5 105.7#





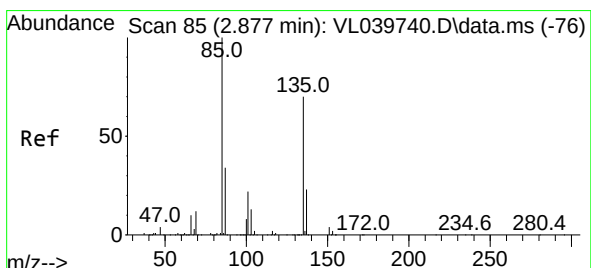
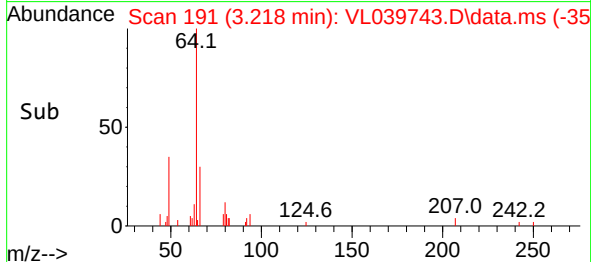
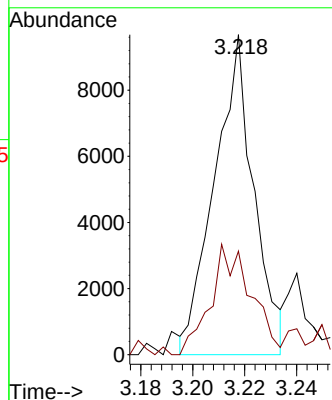
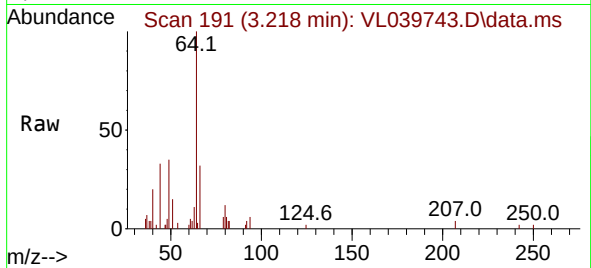
#7
Chloroethane
Concen: 0.472 ppbv
RT: 3.218 min Scan# 191
Delta R.T. 0.000 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 64 Resp: 1013
Ion Ratio Lower Upper
64 100
66 31.5 22.6 34.0

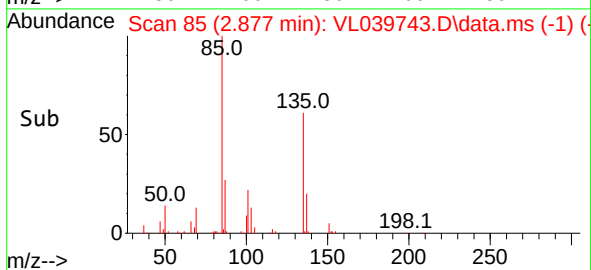
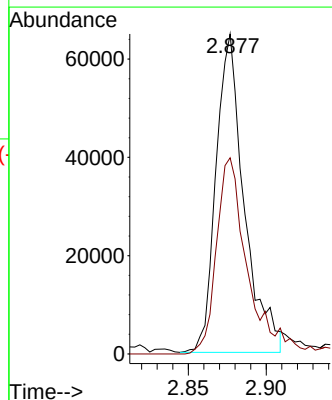
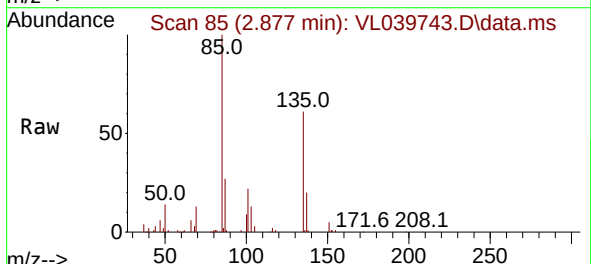
Manual Integrations
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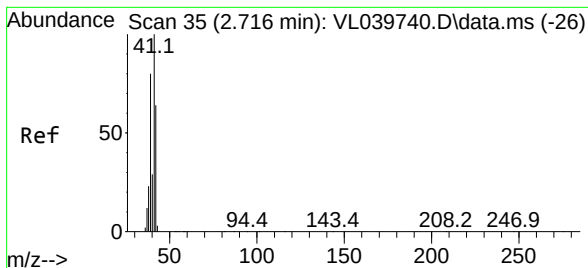
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#8
Dichlorotetrafluoroethane
Concen: 0.596 ppbv
RT: 2.877 min Scan# 85
Delta R.T. 0.000 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58

Tgt Ion: 85 Resp: 81497
Ion Ratio Lower Upper
85 100
135 68.9 56.1 84.1





#9

Propene

Concen: 0.559 ppbv

RT: 2.716 min Scan# 31

Delta R.T. 0.000 min

Lab File: VL039743.D

Acq: 21 Oct 2022 11:58

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion: 41 Resp: 29808

Ion Ratio Lower Upper

41 100

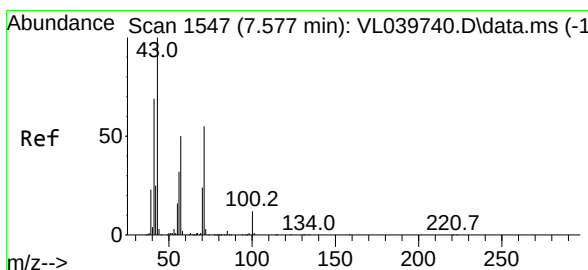
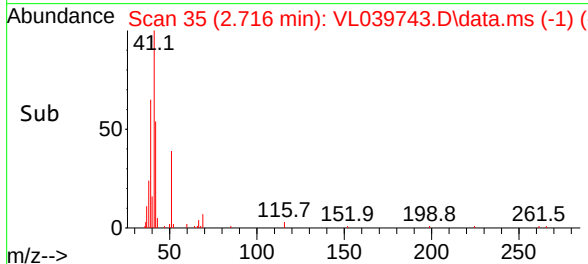
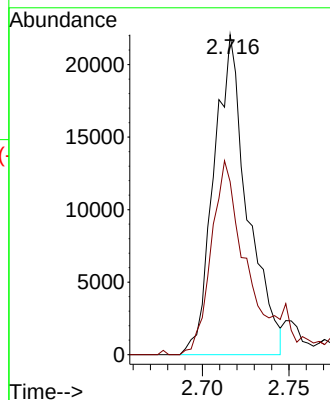
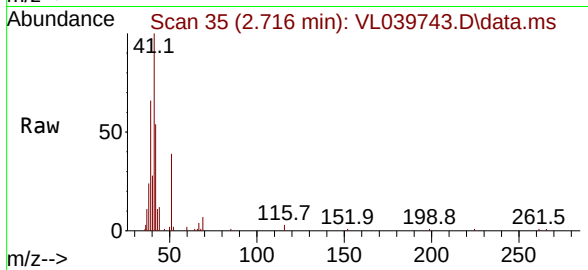
42 72.6 54.4 81.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#10

Heptane

Concen: 0.445 ppbv

RT: 7.578 min Scan# 1547

Delta R.T. 0.000 min

Lab File: VL039743.D

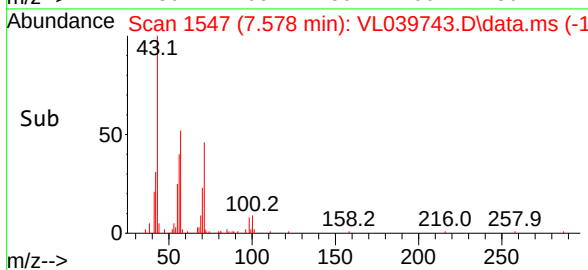
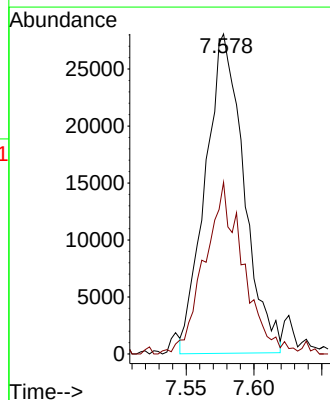
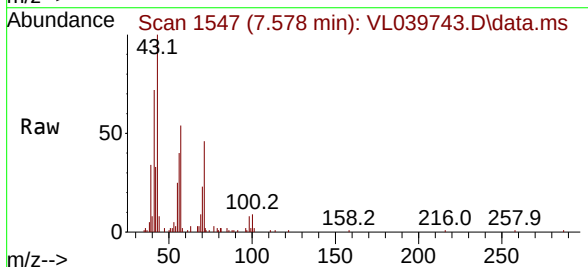
Acq: 21 Oct 2022 11:58

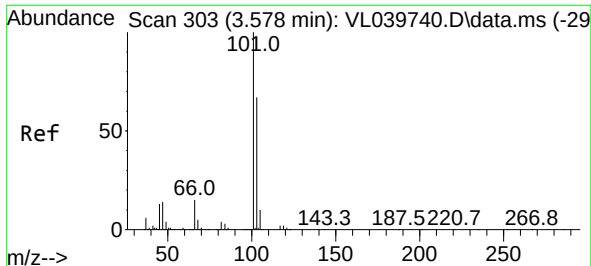
Tgt Ion: 43 Resp: 55407

Ion Ratio Lower Upper

43 100

57 54.7 40.0 60.0





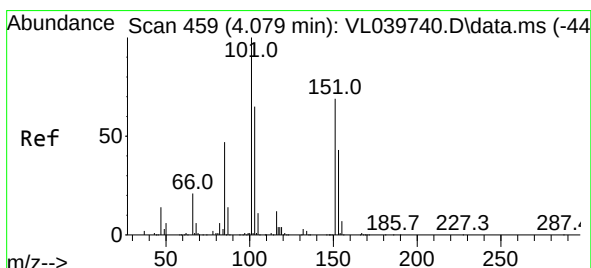
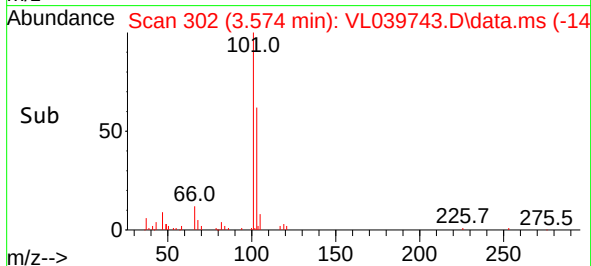
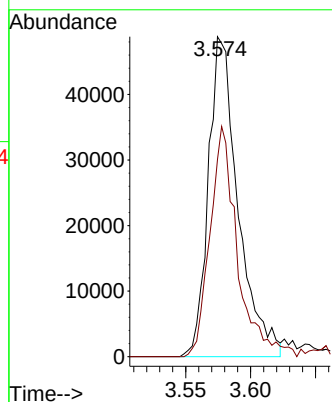
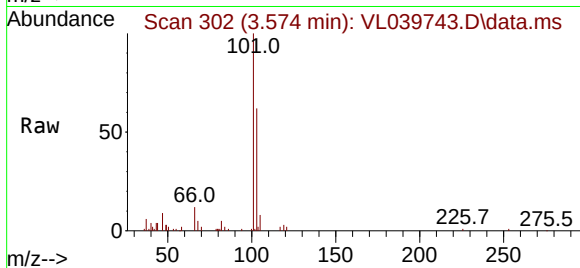
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Trichlorofluoromethane
Concen: 0.549 ppbv
RT: 3.574 min Scan# 303
Delta R.T. -0.003 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:101 Resp: 7747
Ion Ratio Lower Upper
101 100
103 63.5 53.2 79.8

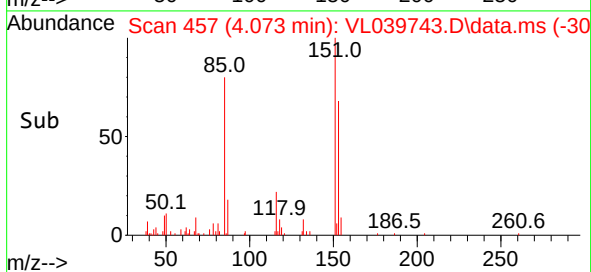
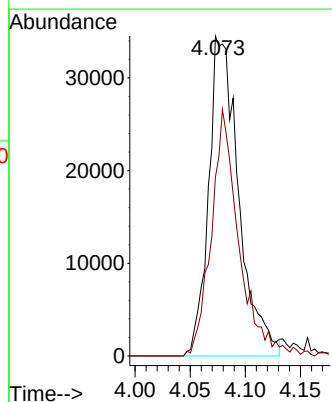
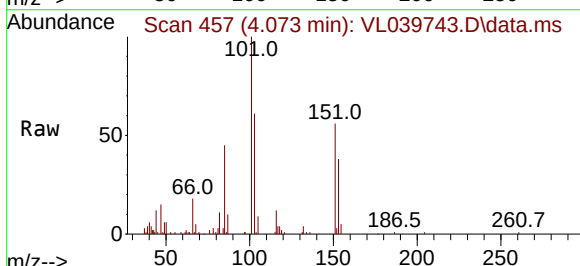
Manual Integrations
APPROVED

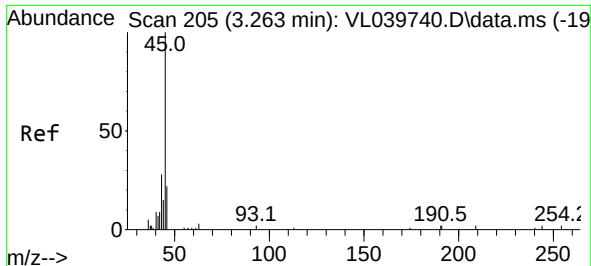
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.614 ppbv m
RT: 4.073 min Scan# 457
Delta R.T. -0.006 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58

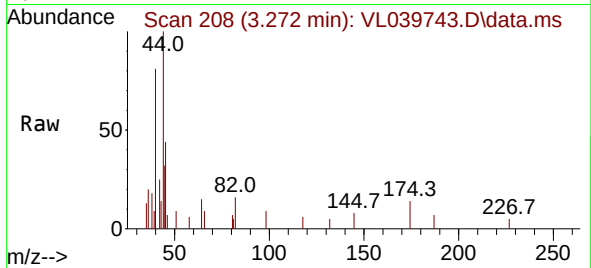
Tgt Ion:101 Resp: 65519
Ion Ratio Lower Upper
101 100
151 70.5 58.0 87.0





#13
Ethanol
Concen: 0.560 ppbv m
RT: 3.272 min Scan# 205
Delta R.T. 0.010 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58

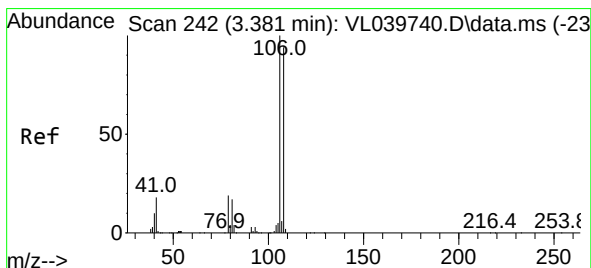
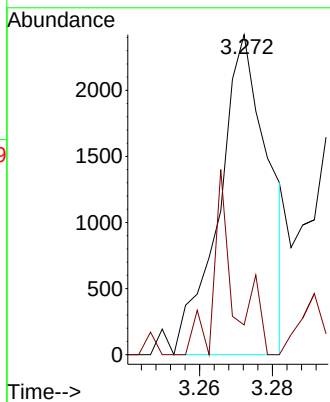
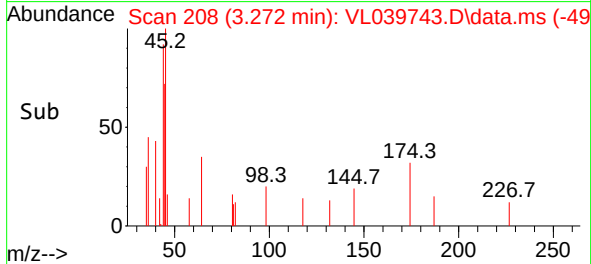
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



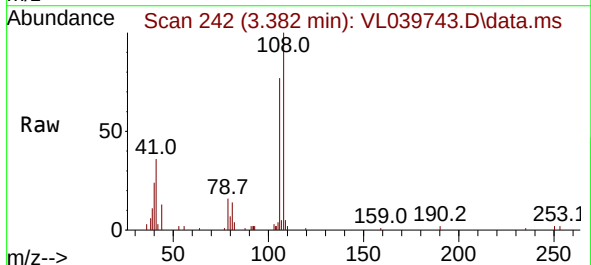
Tgt Ion: 45 Resp: 2274
Ion Ratio Lower Upper
45 100
46 37.9 14.8 59.2

Manual Integrations
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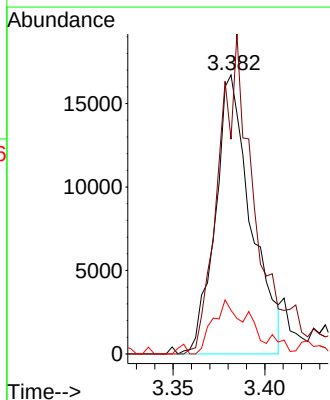
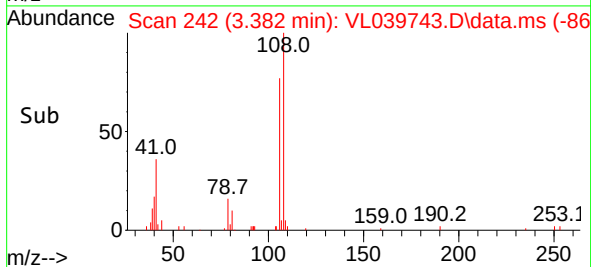
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

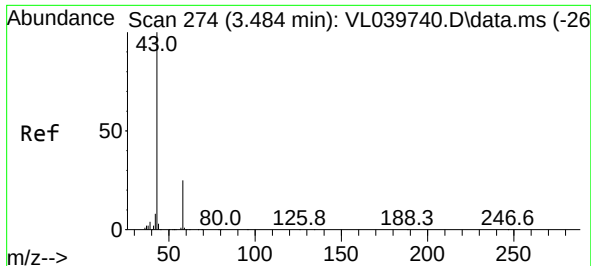


#14
Bromoethene
Concen: 0.530 ppbv
RT: 3.382 min Scan# 242
Delta R.T. 0.000 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58



Tgt Ion:108 Resp: 22582
Ion Ratio Lower Upper
108 100
106 128.2 90.2 135.4
79 24.5 16.2 24.2#





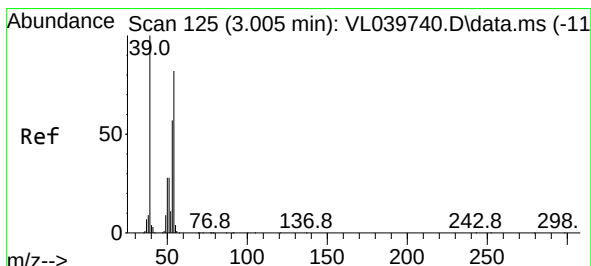
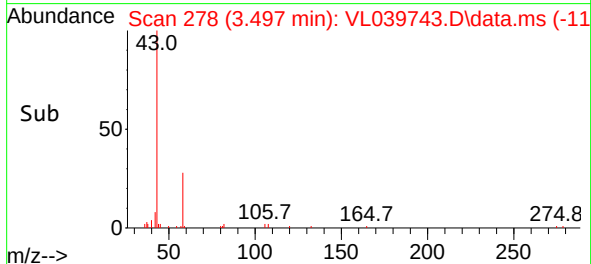
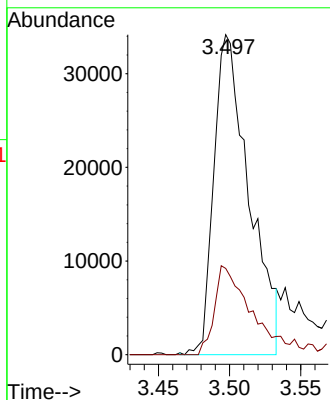
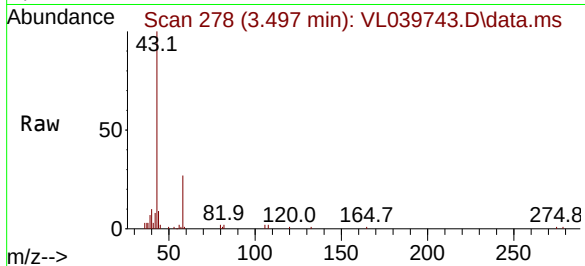
#15
Acetone
Concen: 0.535 ppbv m
RT: 3.497 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 43 Resp: 58614
Ion Ratio Lower Upper
43 100
58 32.4 20.9 31.3

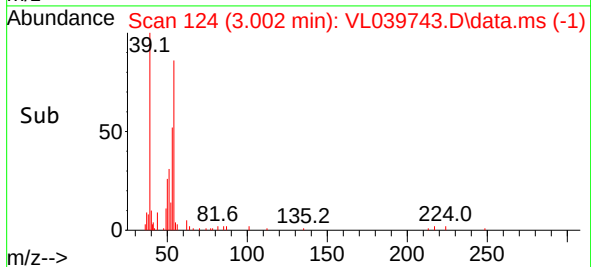
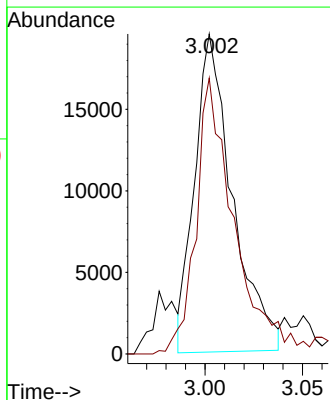
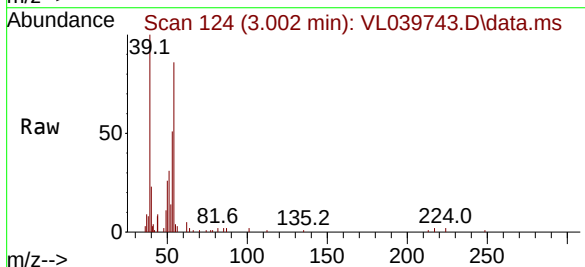
Manual Integrations
APPROVED

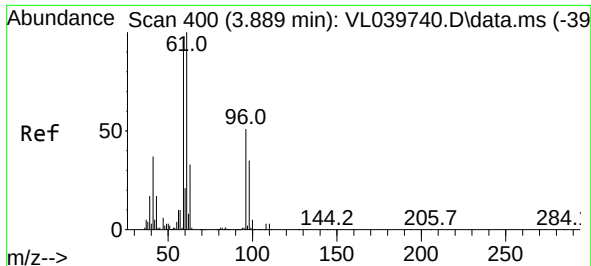
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#16
1,3-Butadiene
Concen: 0.473 ppbv
RT: 3.002 min Scan# 124
Delta R.T. -0.003 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58

Tgt Ion: 39 Resp: 26280
Ion Ratio Lower Upper
39 100
54 92.5 65.2 97.8





#17

tert-Butyl alcohol

Concen: 0.438 ppbv

RT: 3.912 min Scan# 407

Delta R.T. 0.023 min

Lab File: VL039743.D

Acq: 21 Oct 2022 11:58

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion: 59 Resp: 42980

Ion Ratio Lower Upper

59 100

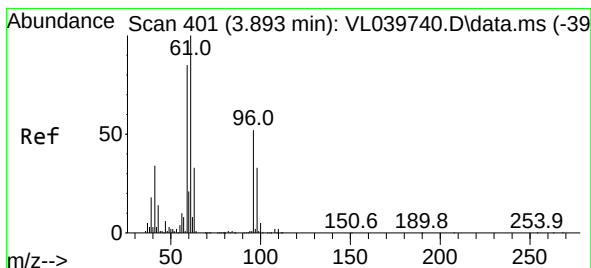
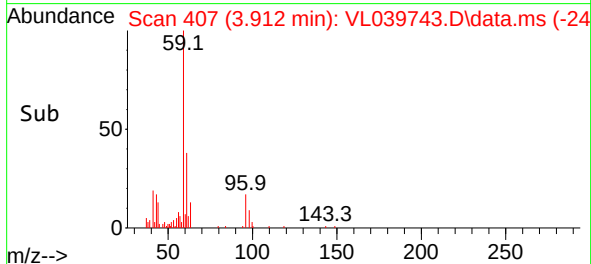
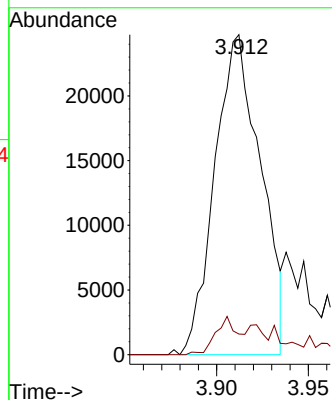
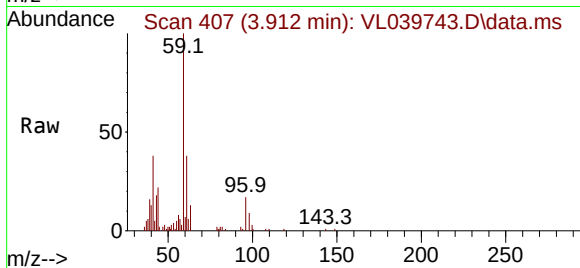
57 14.6 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#18

1,1-Dichloroethene

Concen: 0.591 ppbv m

RT: 3.893 min Scan# 401

Delta R.T. 0.000 min

Lab File: VL039743.D

Acq: 21 Oct 2022 11:58

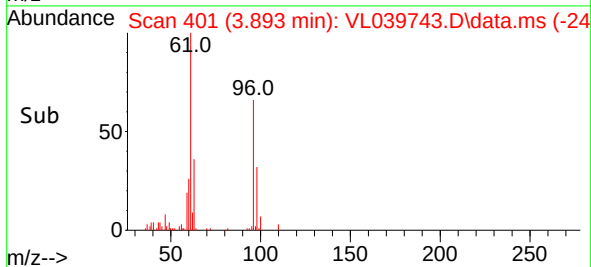
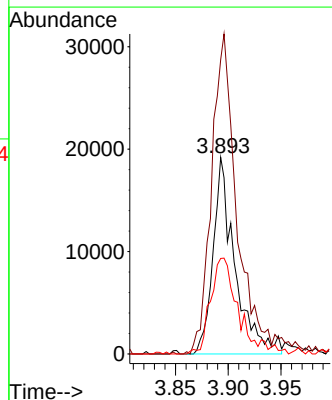
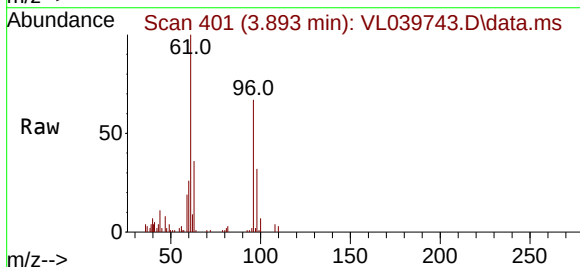
Tgt Ion: 96 Resp: 27737

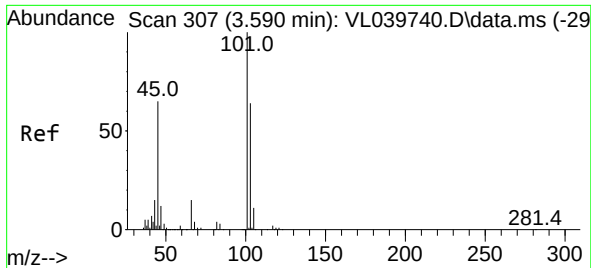
Ion Ratio Lower Upper

96 100

61 149.7 152.7 229.1#

98 48.6 50.2 75.2#





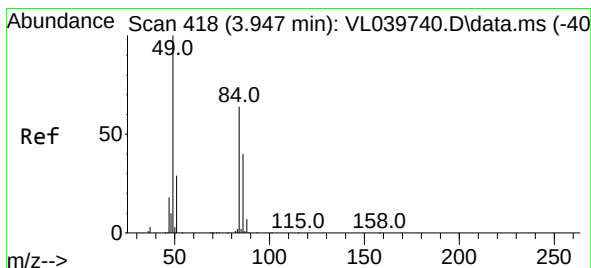
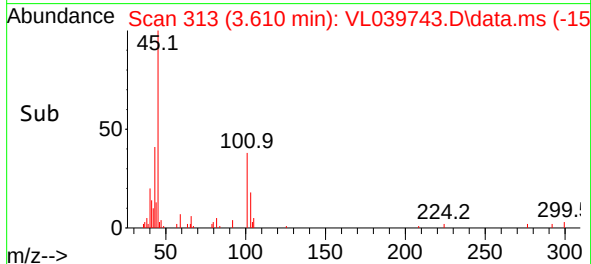
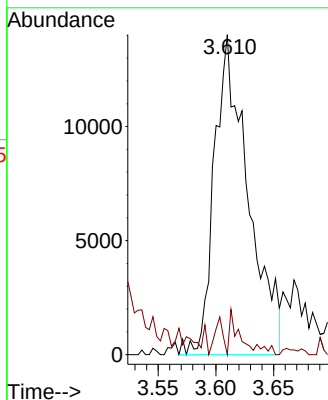
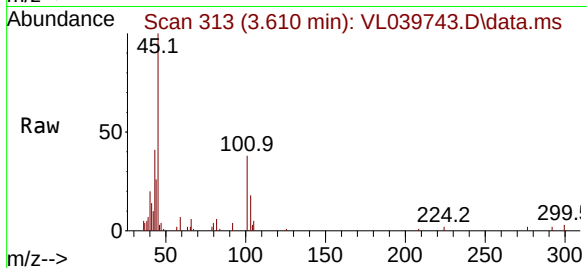
#19
Isopropyl Alcohol
Concen: 0.511 ppbv m
RT: 3.610 min Scan# 313
Delta R.T. 0.019 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 45 Resp: 28490
Ion Ratio Lower Upper
45 100
58 7.6 3.3 4.9

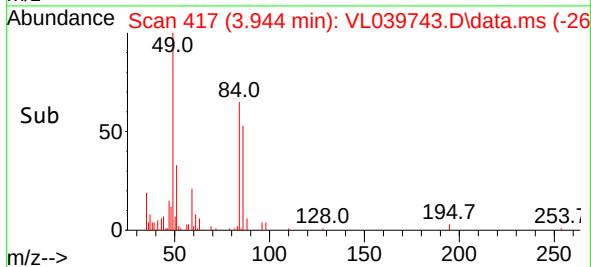
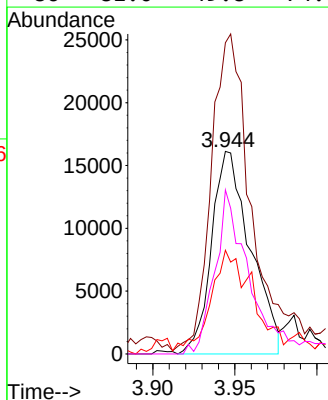
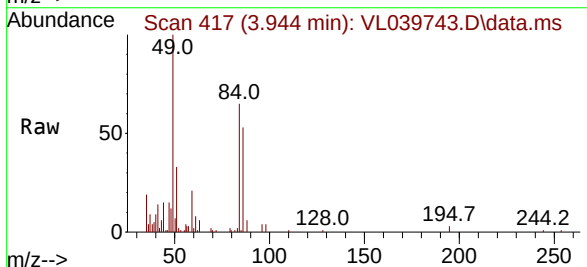
Manual Integrations
APPROVED

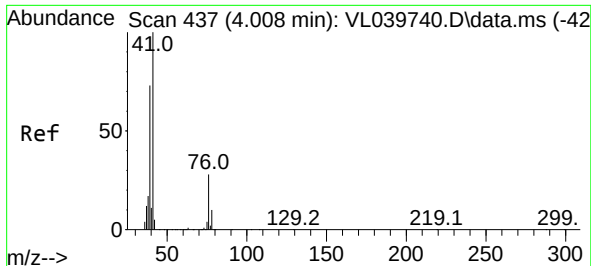
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#20
Methylene Chloride
Concen: 0.525 ppbv
RT: 3.944 min Scan# 417
Delta R.T. -0.003 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58

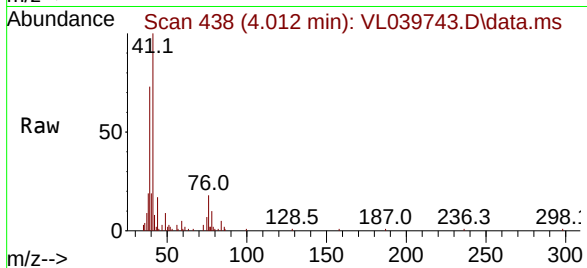
Tgt Ion: 84 Resp: 26588
Ion Ratio Lower Upper
84 100
49 149.8 124.2 186.4
51 45.9 36.6 54.8
86 81.0 49.8 74.8





#21
 Allyl Chloride
 Concen: 0.546 ppbv m
 RT: 4.012 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL039743.D
 Acq: 21 Oct 2022 11:58

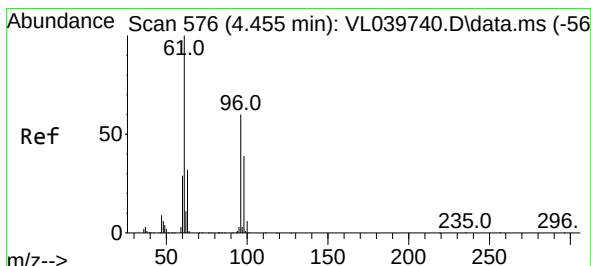
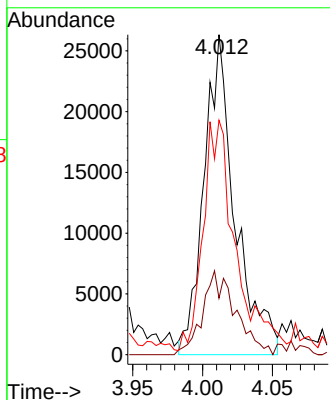
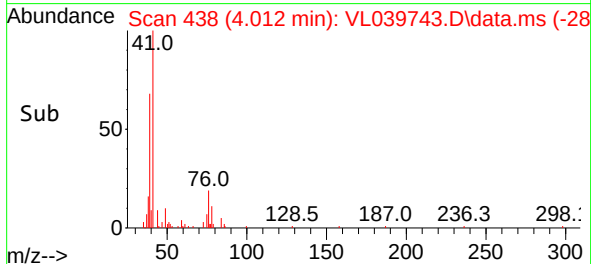
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



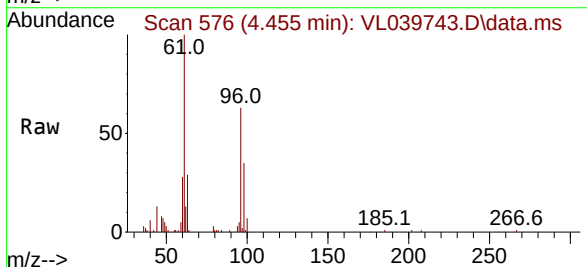
Tgt Ion: 41 Resp: 40679
 Ion Ratio Lower Upper
 41 100
 76 27.8 23.5 35.3
 39 83.7 67.4 101.2

Manual Integrations
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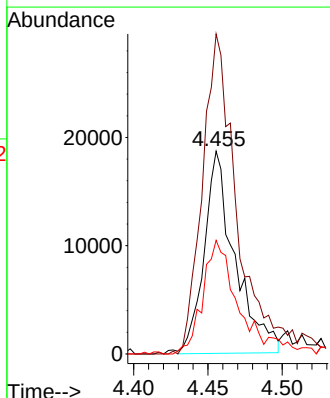
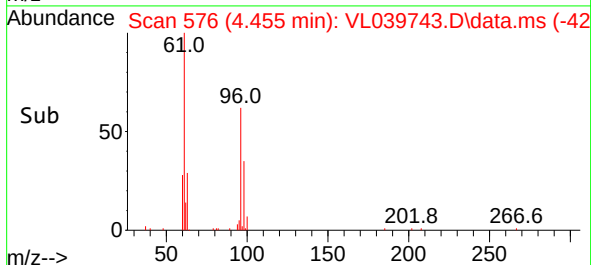
Reviewed By :Semsettin Yesilyurt 10/24/2022
 Supervised By :Mahesh Dadoda 10/24/2022

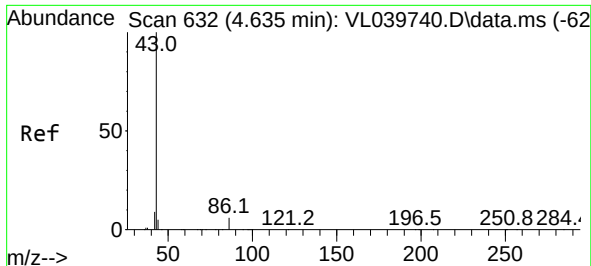


#22
 trans-1,2-Dichloroethene
 Concen: 0.579 ppbv
 RT: 4.455 min Scan# 576
 Delta R.T. 0.000 min
 Lab File: VL039743.D
 Acq: 21 Oct 2022 11:58



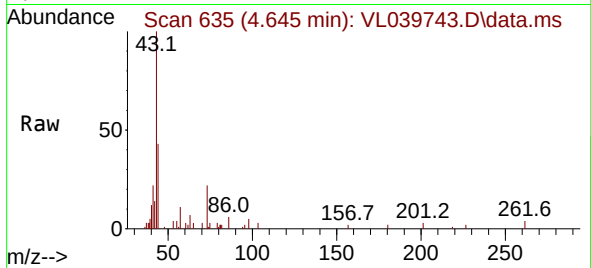
Tgt Ion: 96 Resp: 26875
 Ion Ratio Lower Upper
 96 100
 61 160.1 132.9 199.3
 98 55.3 51.6 77.4





#23
 Vinyl Acetate
 Concen: 0.489 ppbv m
 RT: 4.645 min Scan# 611
 Delta R.T. 0.010 min
 Lab File: VL039743.D
 Acq: 21 Oct 2022 11:58

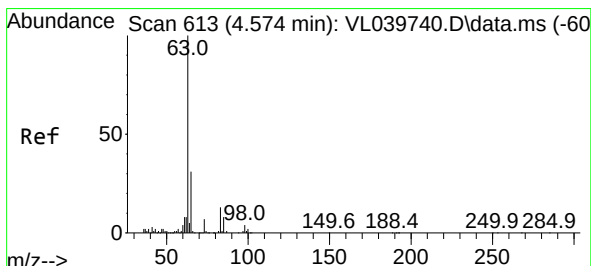
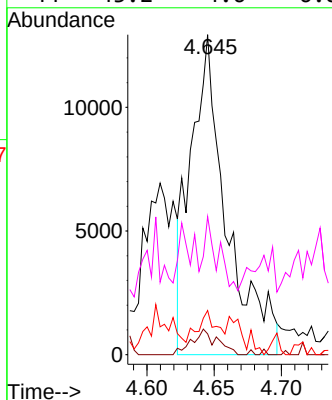
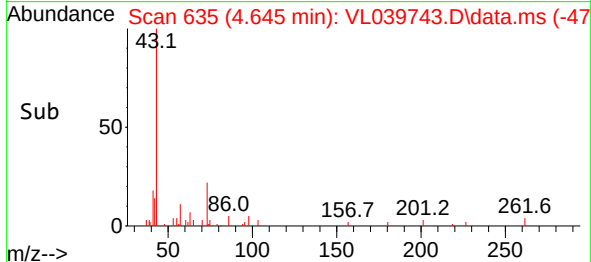
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



Tgt Ion: 43 Resp: 24180
 Ion Ratio Lower Upper
 43 100
 86 6.5 4.3 6.5
 42 13.8 7.9 11.9
 44 43.2 4.6 6.8

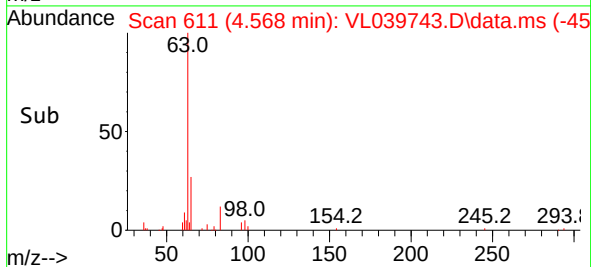
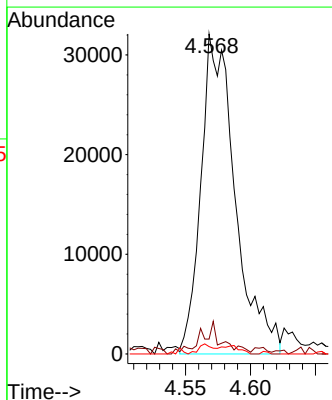
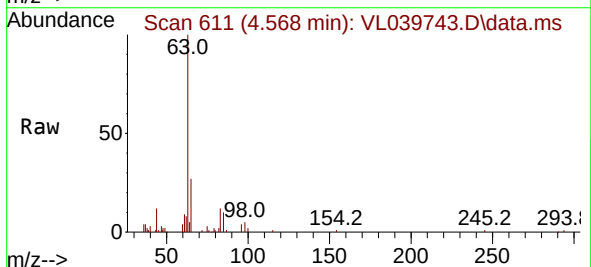
Manual Integrations
 APPROVED

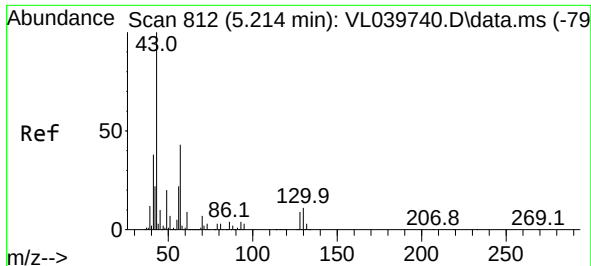
Reviewed By :Semsettin Yesilyurt 10/24/2022
 Supervised By :Mahesh Dadoda 10/24/2022



#24
 1,1-Dichloroethane
 Concen: 0.596 ppbv m
 RT: 4.568 min Scan# 611
 Delta R.T. -0.006 min
 Lab File: VL039743.D
 Acq: 21 Oct 2022 11:58

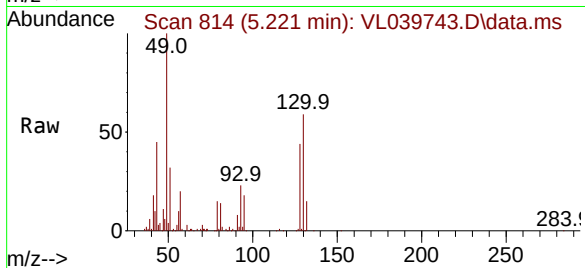
Tgt Ion: 63 Resp: 58727
 Ion Ratio Lower Upper
 63 100
 98 4.7 2.1 6.5
 100 2.3 1.2 3.6





#25
Ethyl Acetate
Concen: 0.490 ppbv
RT: 5.221 min Scan# 812
Delta R.T. 0.007 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58

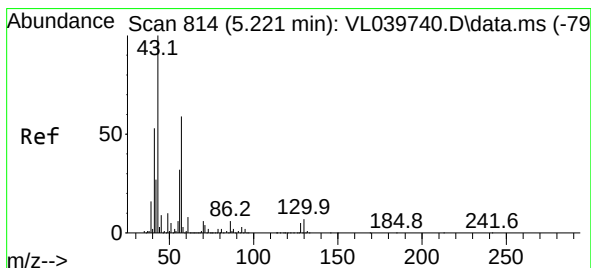
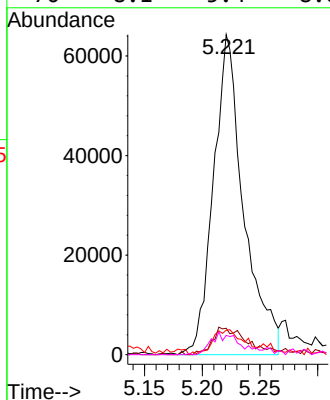
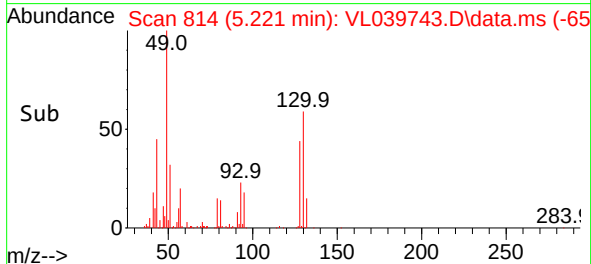
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 43 Resp: 116919
Ion Ratio Lower Upper
43 100
45 10.7 8.1 12.1
61 10.3 7.5 11.3
70 8.1 5.4 8.0#

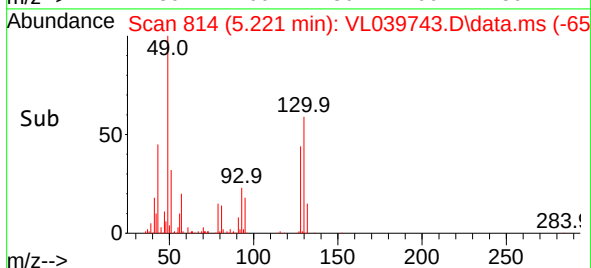
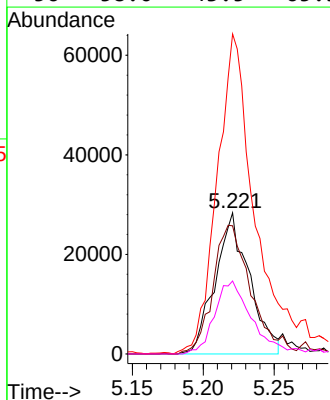
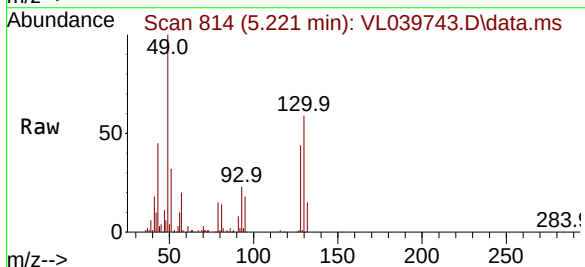
Manual Integrations
APPROVED

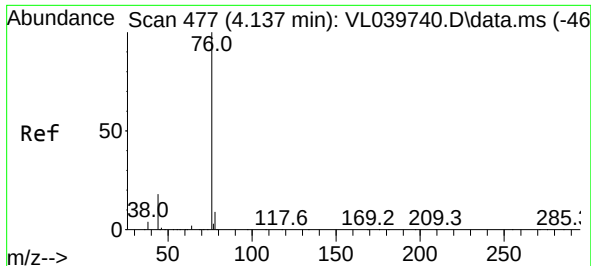
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#26
Hexane
Concen: 0.471 ppbv
RT: 5.221 min Scan# 814
Delta R.T. 0.000 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58

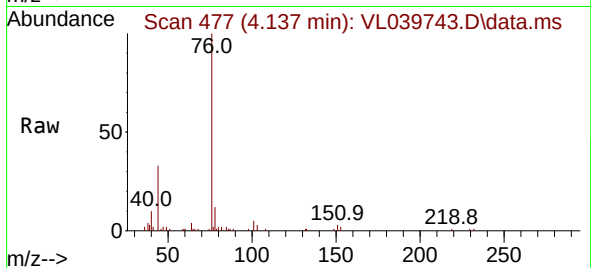
Tgt Ion: 57 Resp: 47685
Ion Ratio Lower Upper
57 100
41 105.2 76.8 115.2
43 271.2 201.0 301.4
56 58.0 43.5 65.3





#27
Carbon Disulfide
Concen: 0.476 ppbv m
RT: 4.137 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58

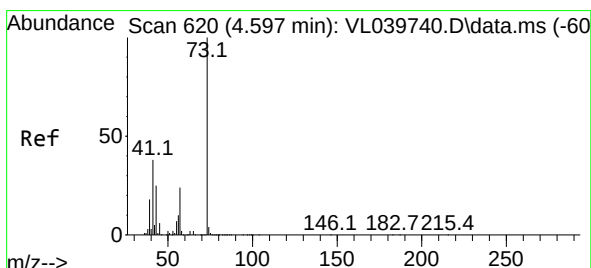
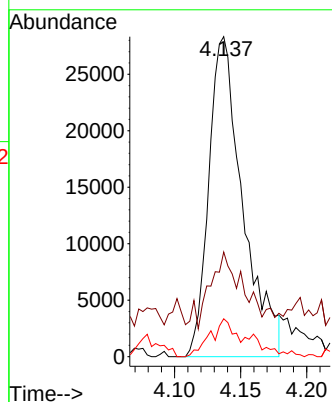
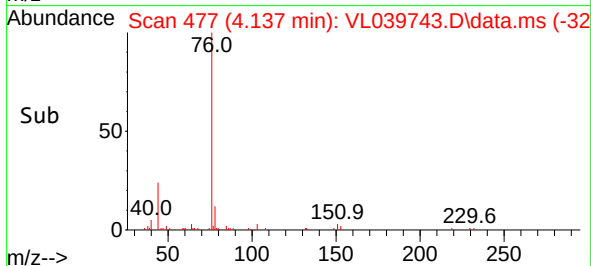
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 76 Resp: 50672
Ion Ratio Lower Upper
76 100
44 47.7 14.5 21.7
78 13.0 8.1 12.1

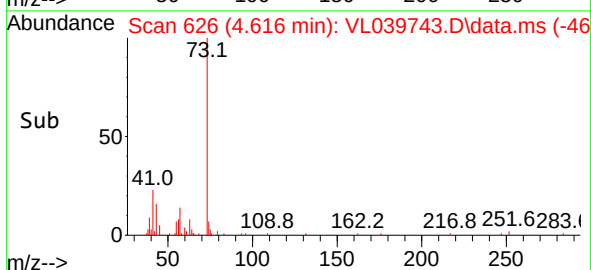
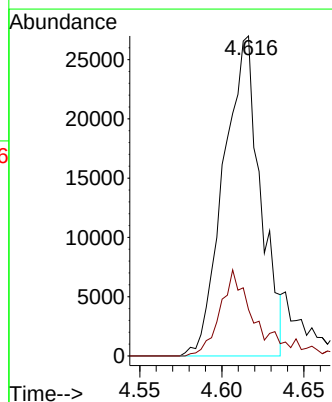
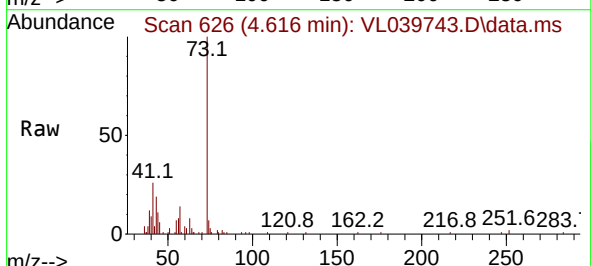
Manual Integrations
APPROVED

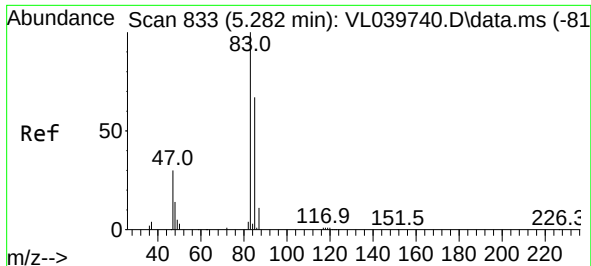
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#28
Methyl tert-Butyl Ether
Concen: 0.494 ppbv
RT: 4.616 min Scan# 626
Delta R.T. 0.019 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58

Tgt Ion: 73 Resp: 42083
Ion Ratio Lower Upper
73 100
57 27.1 19.4 29.2





#29

Chloroform

Concen: 0.535 ppbv

RT: 5.279 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL039743.D

Acq: 21 Oct 2022 11:58

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tgt Ion: 83 Resp: 7822

Ion Ratio Lower Upper

83 100

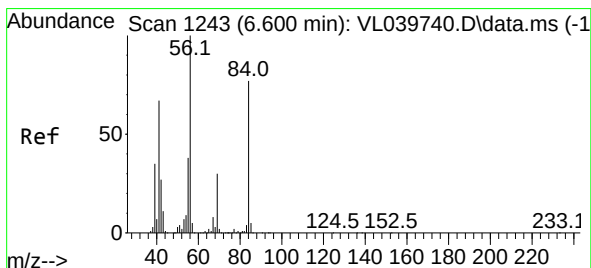
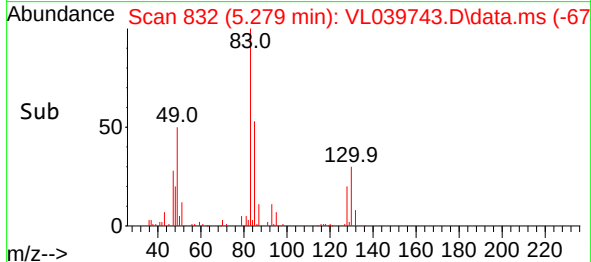
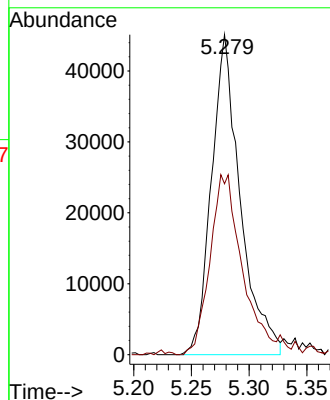
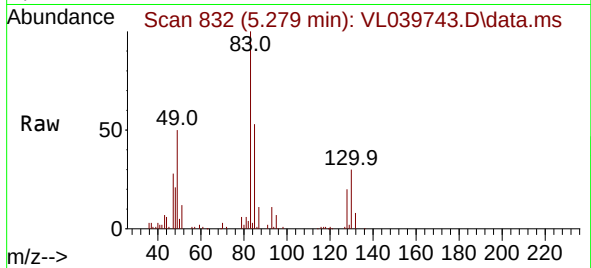
85 53.4 53.5 80.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#30

Cyclohexane

Concen: 0.500 ppbv m

RT: 6.610 min Scan# 1246

Delta R.T. 0.010 min

Lab File: VL039743.D

Acq: 21 Oct 2022 11:58

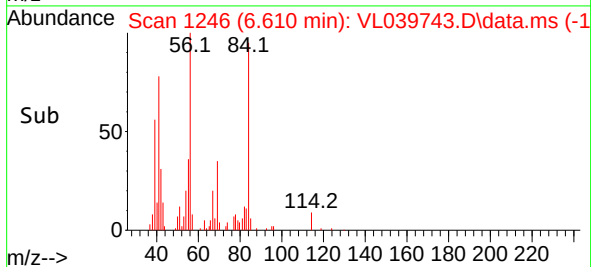
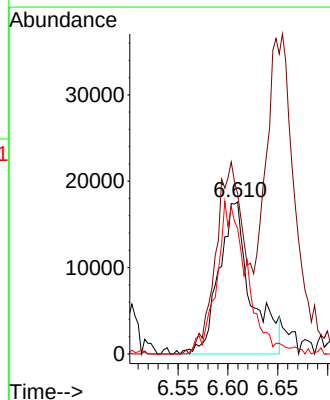
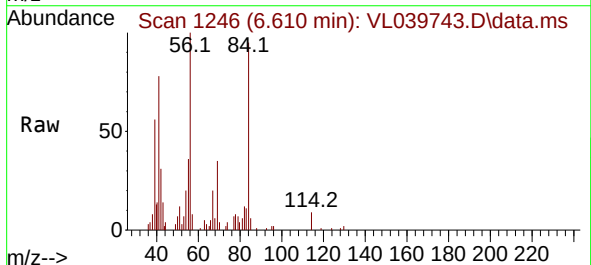
Tgt Ion: 84 Resp: 39186

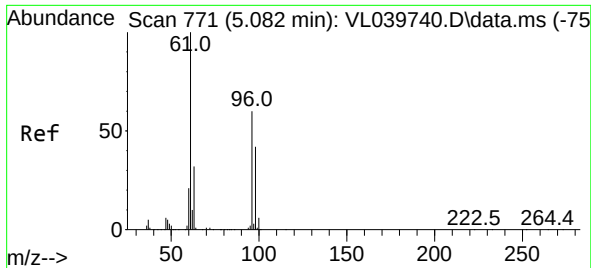
Ion Ratio Lower Upper

84 100

56 112.7 114.2 171.4#

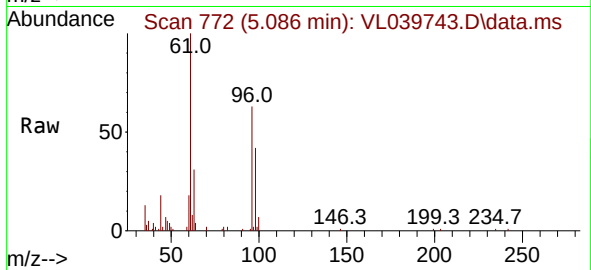
41 96.4 74.2 111.2





#31
cis-1,2-Dichloroethene
Concen: 0.482 ppbv m
RT: 5.086 min Scan# 771
Delta R.T. 0.003 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58

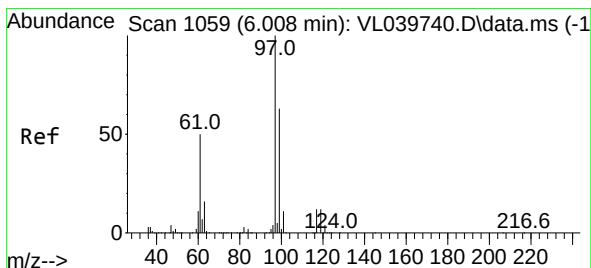
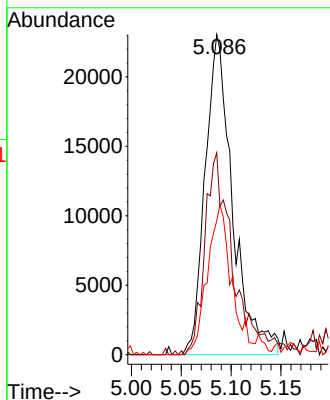
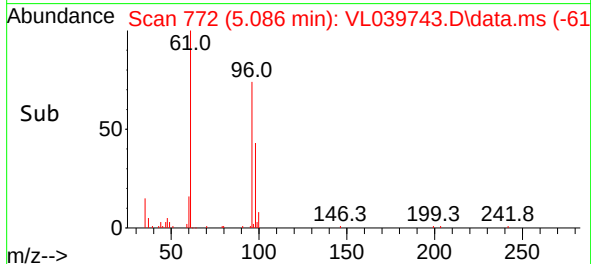
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 61 Resp: 44160
Ion Ratio Lower Upper
61 100
96 63.1 48.3 72.5
98 41.9 33.2 49.8

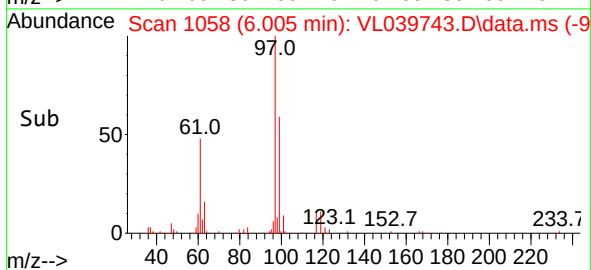
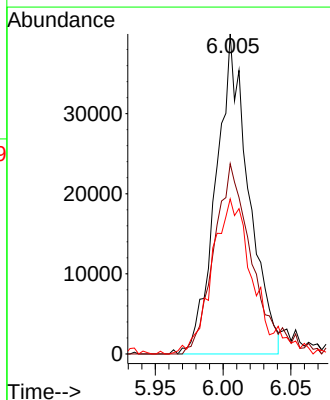
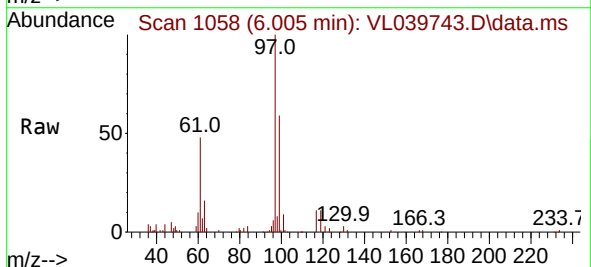
Manual Integrations
APPROVED

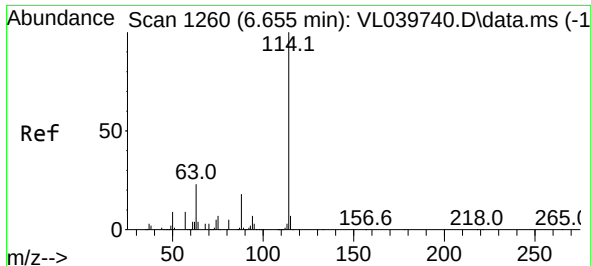
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#32
1,1,1-Trichloroethane
Concen: 0.506 ppbv
RT: 6.005 min Scan# 1058
Delta R.T. -0.003 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58

Tgt Ion: 97 Resp: 66949
Ion Ratio Lower Upper
97 100
99 71.4 53.0 79.4
61 61.8 43.3 64.9





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.652 min Scan# 114

Delta R.T. -0.003 min

Lab File: VL039743.D

Acq: 21 Oct 2022 11:58

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion:114 Resp: 283869

Ion Ratio Lower Upper

114 100

63 24.9 19.8 29.6

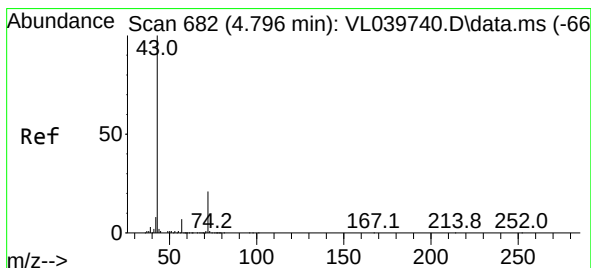
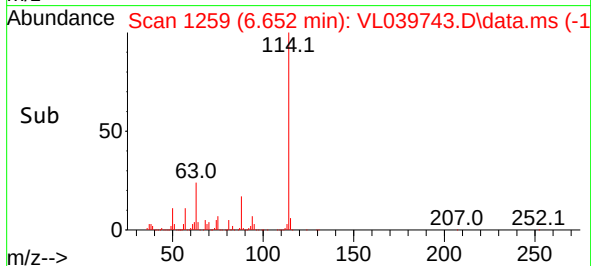
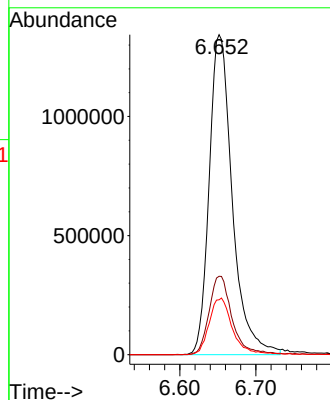
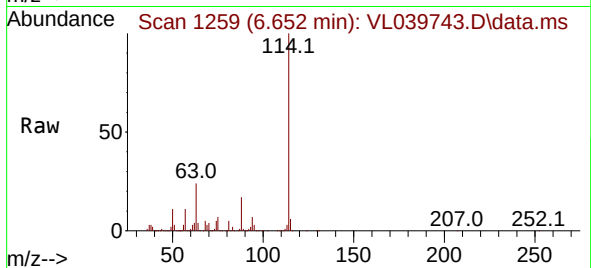
88 18.1 14.2 21.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#34

2-Butanone

Concen: 0.466 ppbv m

RT: 4.809 min Scan# 686

Delta R.T. 0.013 min

Lab File: VL039743.D

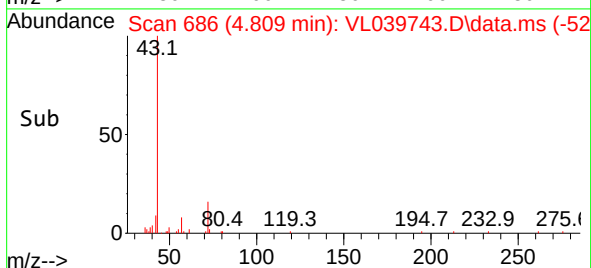
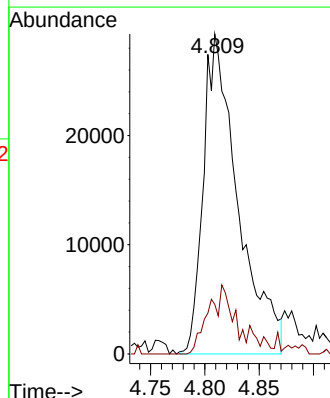
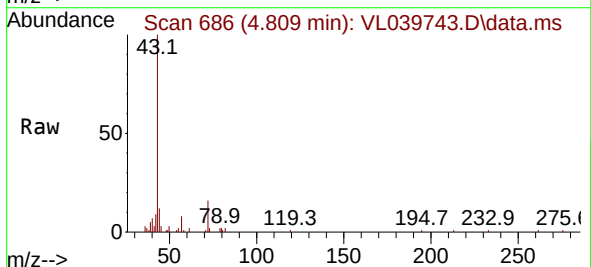
Acq: 21 Oct 2022 11:58

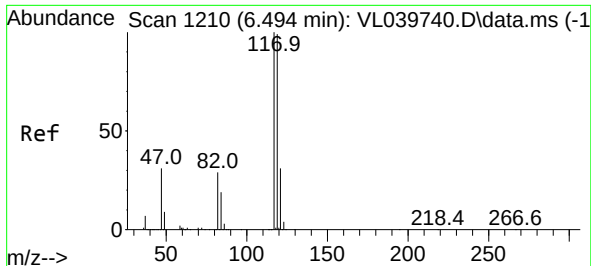
Tgt Ion: 43 Resp: 64980

Ion Ratio Lower Upper

43 100

72 21.1 17.1 25.7





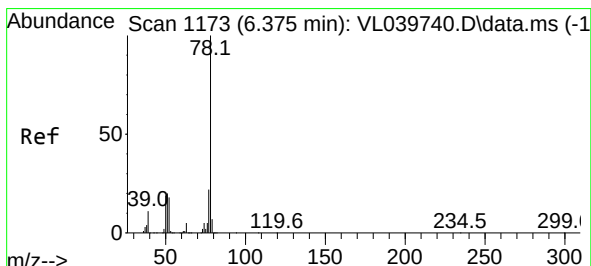
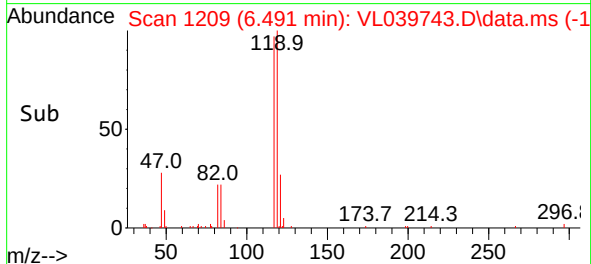
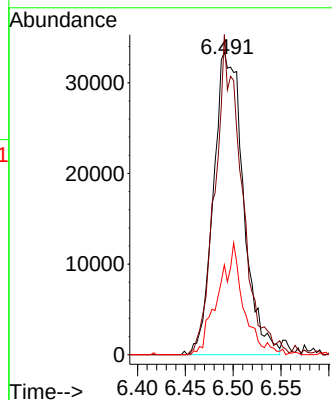
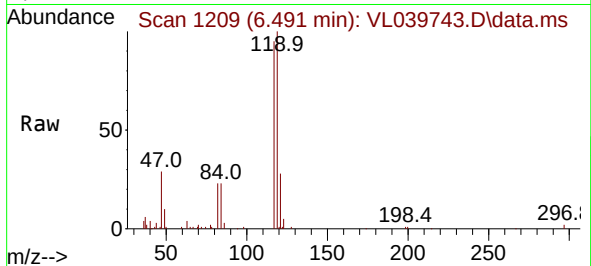
#35
Carbon Tetrachloride
Concen: 0.480 ppbv m
RT: 6.491 min Scan# 1171
Delta R.T. -0.003 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 117 Resp: 72298
Ion Ratio Lower Upper
117 100
119 105.7 79.2 118.8
121 29.7 25.0 37.6

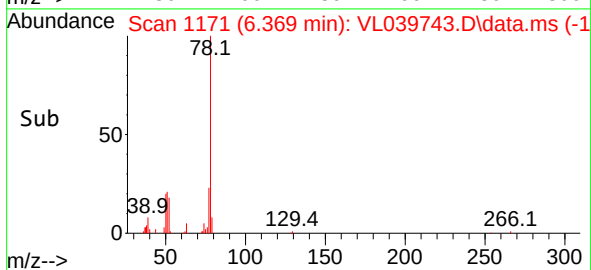
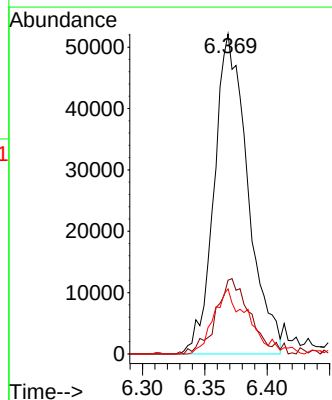
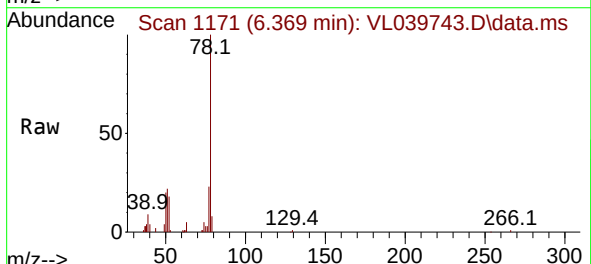
Manual Integrations
APPROVED

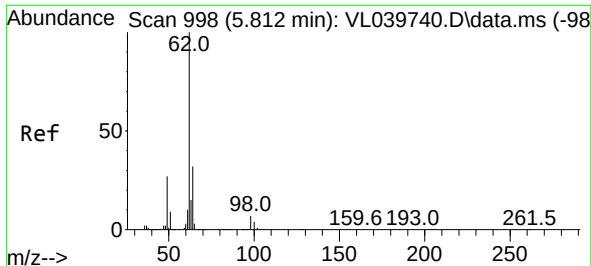
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#36
Benzene
Concen: 0.452 ppbv
RT: 6.369 min Scan# 1171
Delta R.T. -0.006 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58

Tgt Ion: 78 Resp: 98005
Ion Ratio Lower Upper
78 100
77 22.4 17.3 25.9
50 20.3 14.9 22.3





#37

1,2-Dichloroethane

Concen: 0.466 ppbv m

RT: 5.812 min Scan# 998

Delta R.T. 0.000 min

Lab File: VL039743.D

Acq: 21 Oct 2022 11:58

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tgt Ion: 62 Resp: 55000

Ion Ratio Lower Upper

62 100

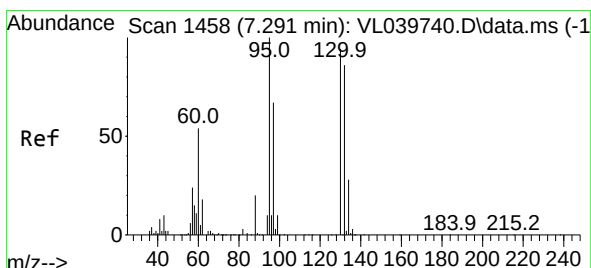
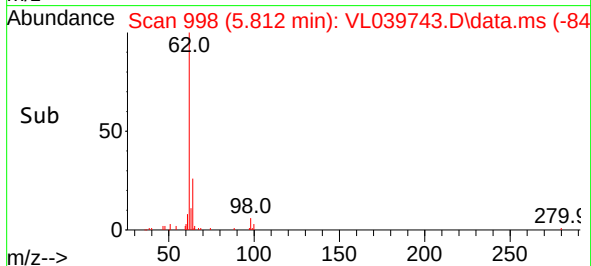
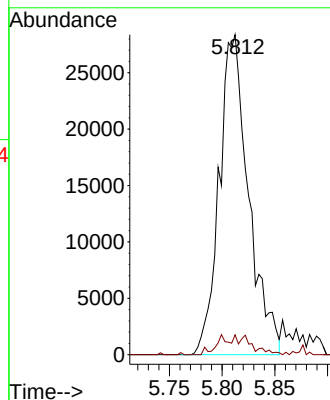
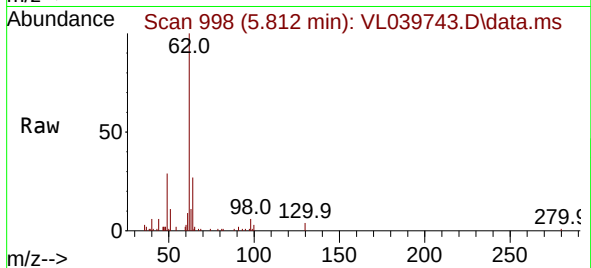
98 7.1 5.4 8.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#38

Trichloroethene

Concen: 0.486 ppbv m

RT: 7.288 min Scan# 1457

Delta R.T. -0.003 min

Lab File: VL039743.D

Acq: 21 Oct 2022 11:58

Tgt Ion:130 Resp: 57000

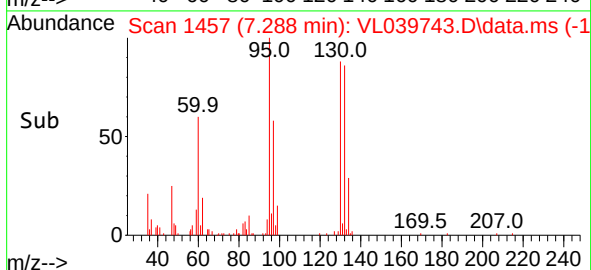
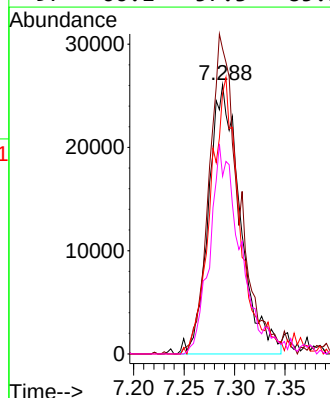
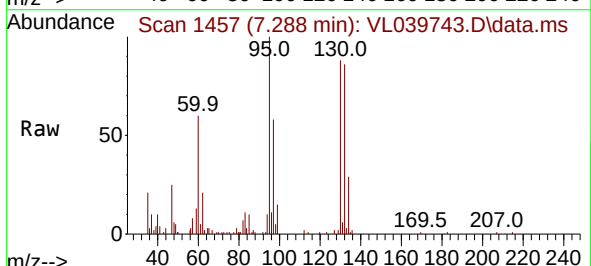
Ion Ratio Lower Upper

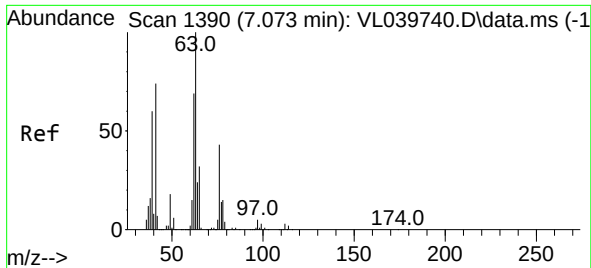
130 100

95 113.3 85.4 128.2

132 96.9 73.0 109.6

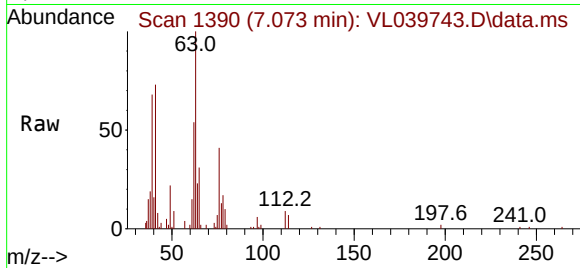
97 66.1 57.3 85.9





#39
1,2-Dichloropropane
Concen: 0.493 ppbv m
RT: 7.073 min Scan# 1390
Delta R.T. 0.000 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58

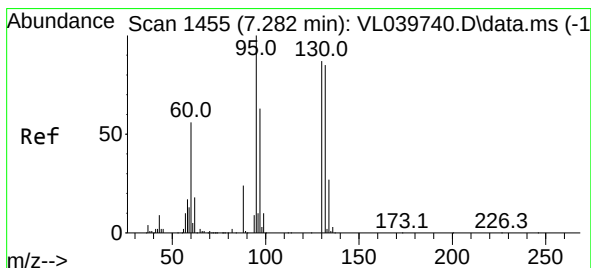
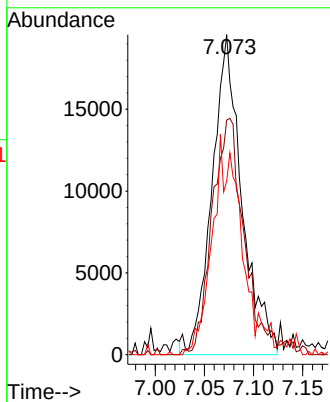
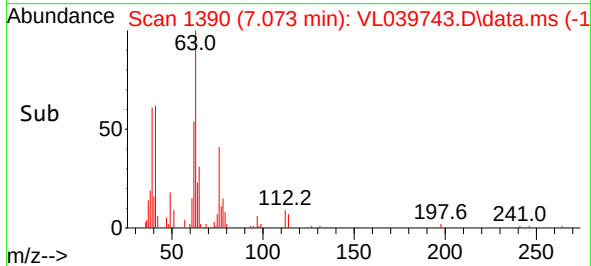
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 63 Resp: 4130
Ion Ratio Lower Upper
63 100
41 73.3 59.5 89.3
62 54.2 55.2 82.8

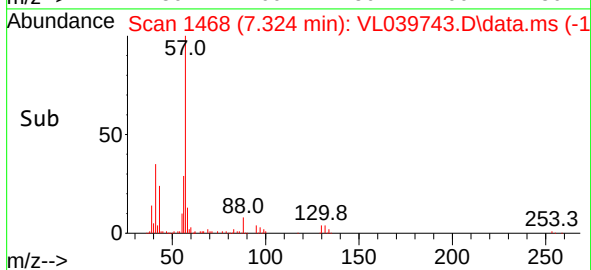
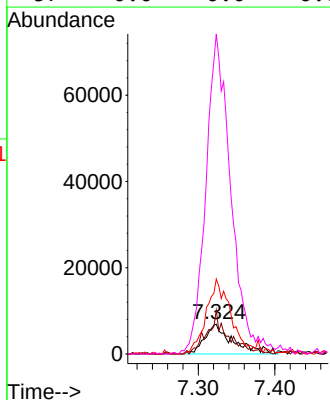
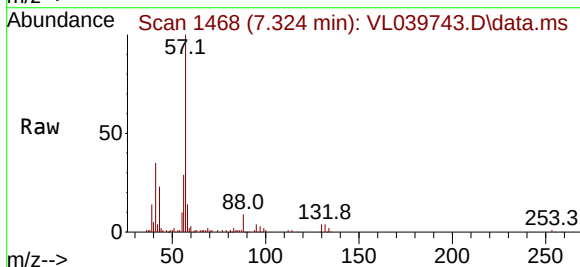
Manual Integrations
APPROVED

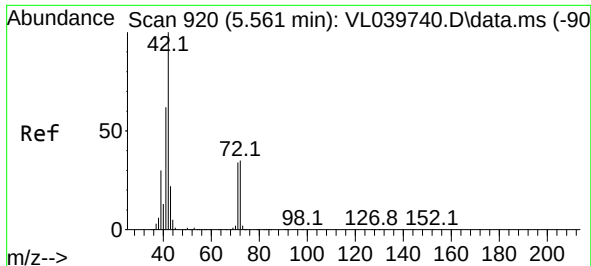
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#40
1,4-Dioxane
Concen: 0.524 ppbv m
RT: 7.324 min Scan# 1468
Delta R.T. 0.042 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58

Tgt Ion: 88 Resp: 17936
Ion Ratio Lower Upper
88 100
58 0.0 101.6 152.4#
43 0.0 0.0 0.0
57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 0.418 ppbv m

RT: 5.584 min Scan# 91

Delta R.T. 0.023 min

Lab File: VL039743.D

Acq: 21 Oct 2022 11:58

Instrument :

MSVOA_L

ClientSampleId :

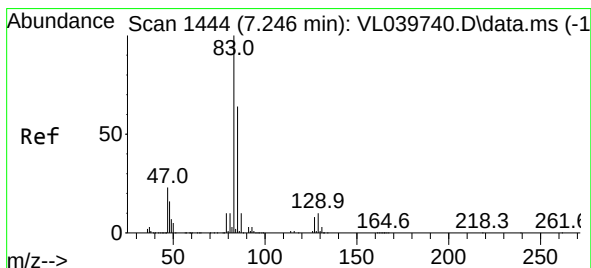
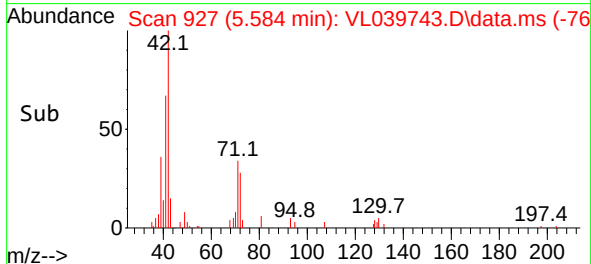
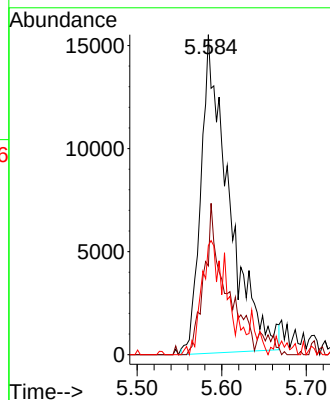
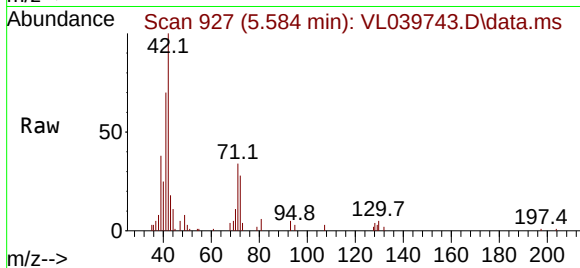
VSTDIC0.5

Tgt Ion:	42	Resp:	35778
Ion Ratio	Lower	Upper	
42	100		
72	40.4	30.0	45.0
71	36.3	29.3	43.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#42

Bromodichloromethane

Concen: 0.418 ppbv

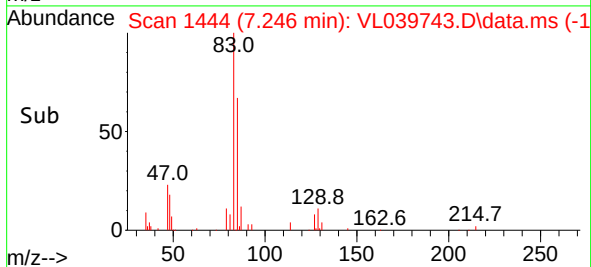
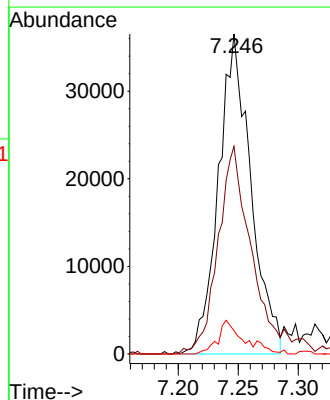
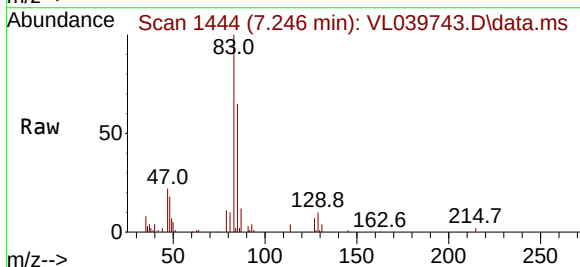
RT: 7.246 min Scan# 1444

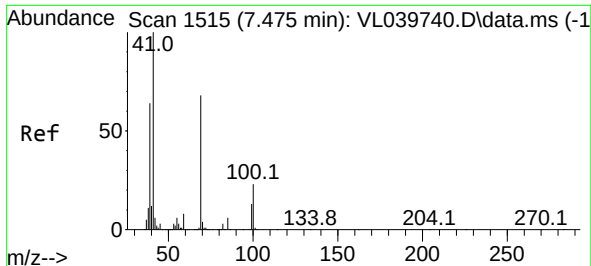
Delta R.T. 0.000 min

Lab File: VL039743.D

Acq: 21 Oct 2022 11:58

Tgt Ion:	83	Resp:	68606
Ion Ratio	Lower	Upper	
83	100		
85	64.3	51.0	76.6
127	7.3	6.5	9.7





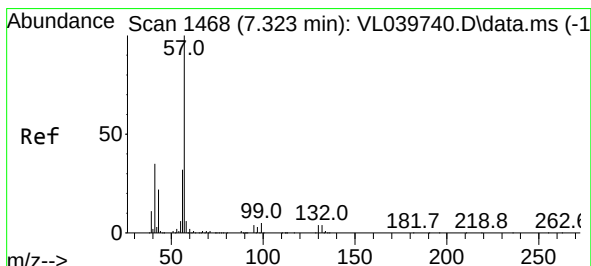
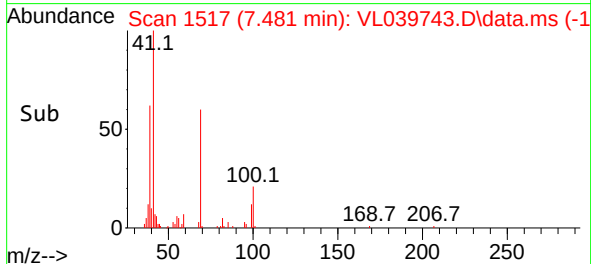
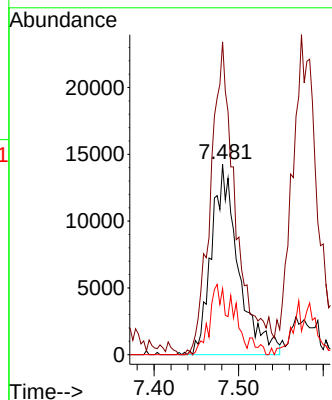
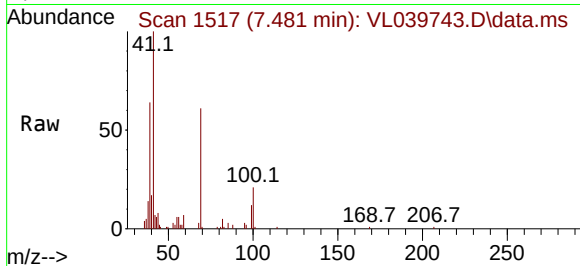
#43
Methyl Methacrylate
Concen: 0.400 ppbv m
RT: 7.481 min Scan# 1515
Delta R.T. 0.007 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58

Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

Tgt Ion: 69 Resp: 31660
Ion Ratio Lower Upper
69 100
41 0.0 124.6 186.8
100 33.1 27.5 41.3

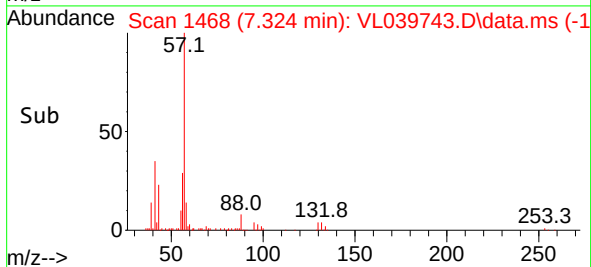
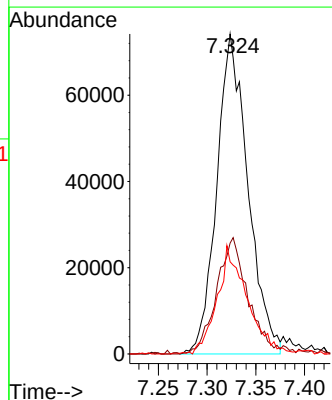
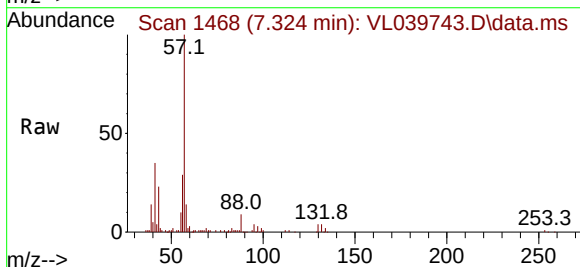
Manual Integrations
APPROVED

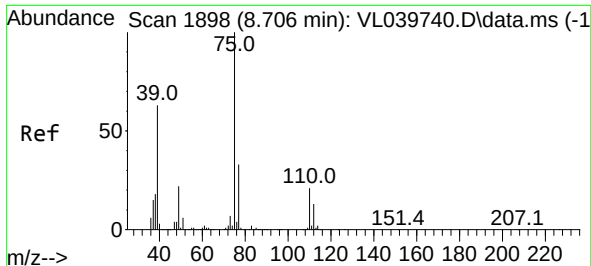
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#44
2,2,4-Trimethylpentane
Concen: 0.441 ppbv
RT: 7.324 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58

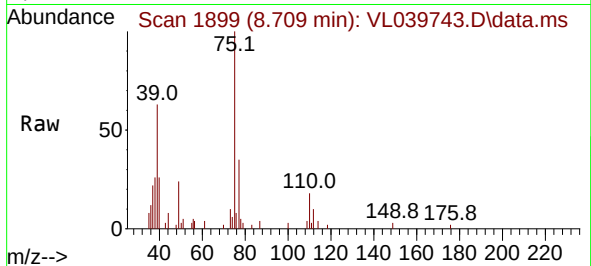
Tgt Ion: 57 Resp: 164863
Ion Ratio Lower Upper
57 100
41 37.8 27.1 40.7
56 33.2 25.2 37.8





#45
 t-1,3-Dichloropropene
 Concen: 0.328 ppbv m
 RT: 8.709 min Scan# 1898
 Delta R.T. 0.003 min
 Lab File: VL039743.D
 Acq: 21 Oct 2022 11:58

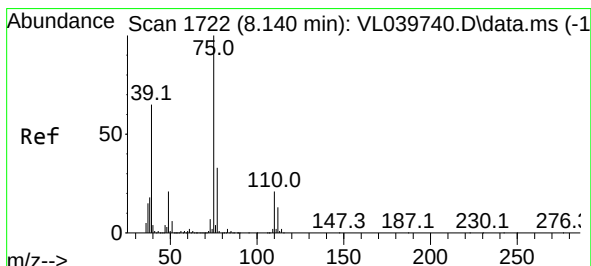
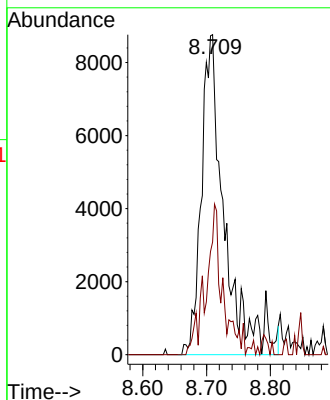
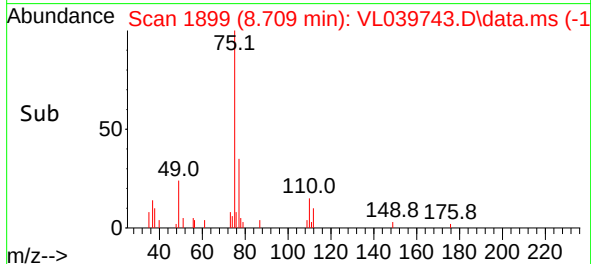
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



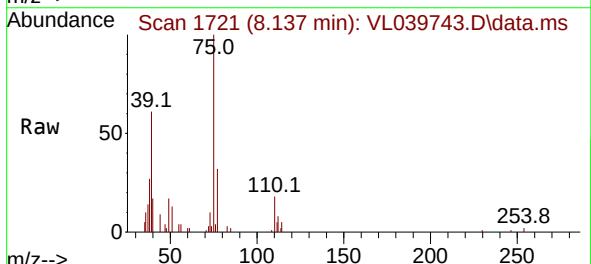
Tgt Ion: 75 Resp: 21930
 Ion Ratio Lower Upper
 75 100
 77 35.2 26.6 39.8

Manual Integrations
 APPROVED

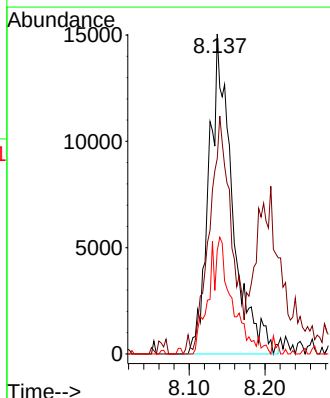
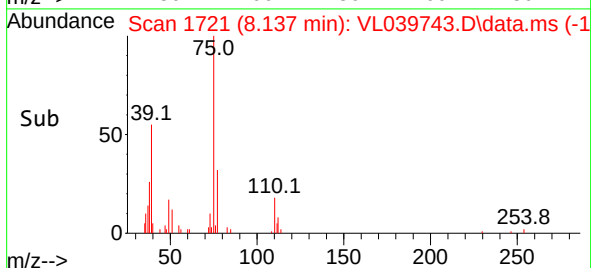
Reviewed By :Semsettin Yesilyurt 10/24/2022
 Supervised By :Mahesh Dadoda 10/24/2022

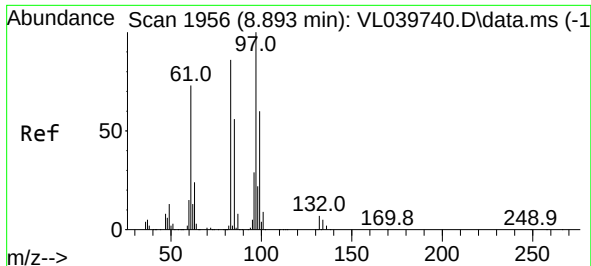


#46
 cis-1,3-Dichloropropene
 Concen: 0.340 ppbv m
 RT: 8.137 min Scan# 1721
 Delta R.T. -0.003 min
 Lab File: VL039743.D
 Acq: 21 Oct 2022 11:58



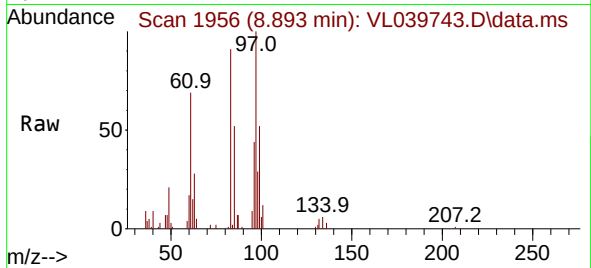
Tgt Ion: 75 Resp: 32317
 Ion Ratio Lower Upper
 75 100
 39 61.1 52.2 78.4
 77 32.3 26.6 40.0





#47
1,1,2-Trichloroethane
Concen: 0.473 ppbv m
RT: 8.893 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58

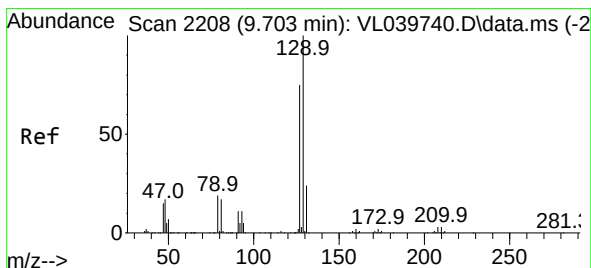
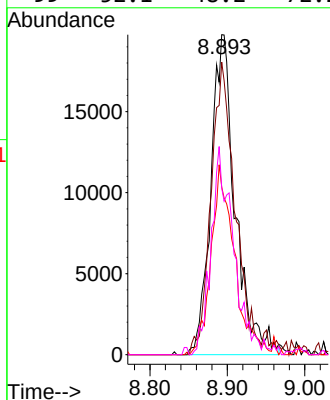
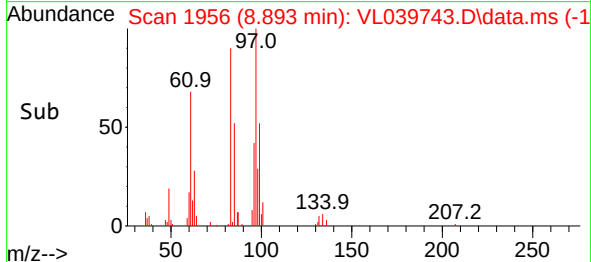
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



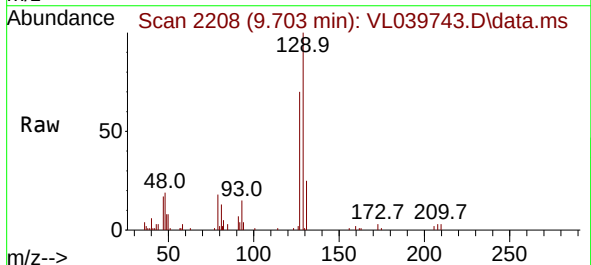
Tgt Ion: 97 Resp: 43290
Ion Ratio Lower Upper
97 100
83 91.5 68.8 103.2
85 52.4 44.8 67.2
99 52.1 48.2 72.2

Manual Integrations
APPROVED

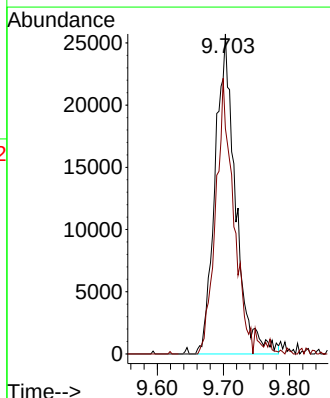
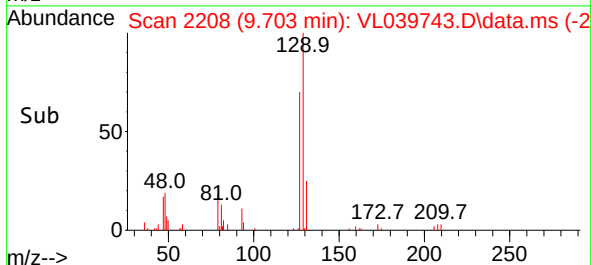
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

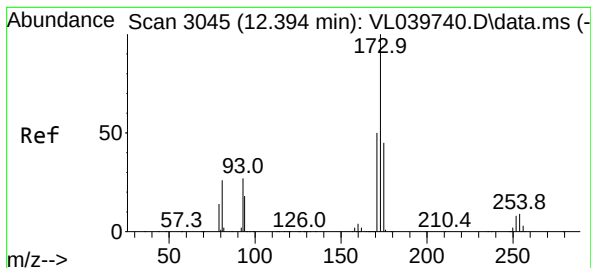


#48
Dibromochloromethane
Concen: 0.402 ppbv m
RT: 9.703 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58



Tgt Ion:129 Resp: 55457
Ion Ratio Lower Upper
129 100
127 77.9 38.9 116.6





#49

Bromoform

Concen: 0.354 ppbv m

RT: 12.394 min Scan# 3045

Delta R.T. 0.000 min

Lab File: VL039743.D

Acq: 21 Oct 2022 11:58

Instrument :

MSVOA_L

ClientSampleId :

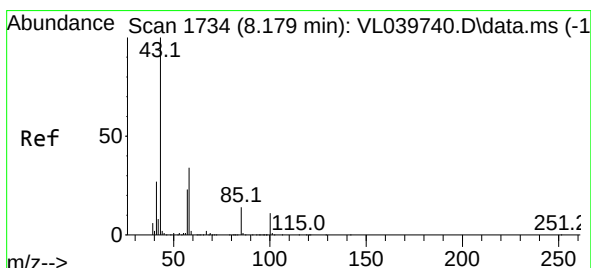
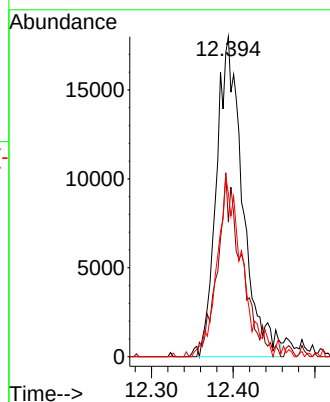
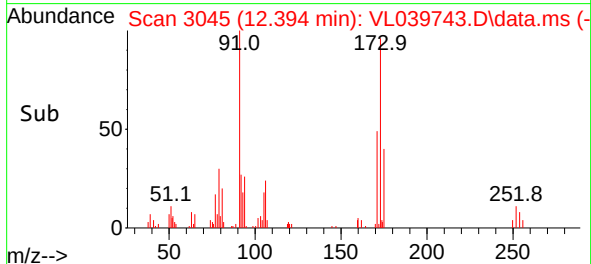
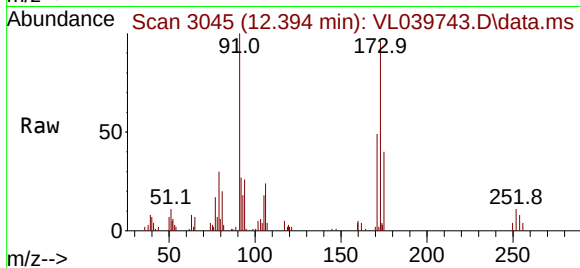
VSTDIC0.5

Tgt Ion: 173 Resp: 40358
 Ion Ratio Lower Upper
 173 100
 175 52.7 39.4 59.0
 171 54.2 41.6 62.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/24/2022
 Supervised By :Mahesh Dadoda 10/24/2022



#50

4-Methyl-2-Pentanone

Concen: 0.404 ppbv m

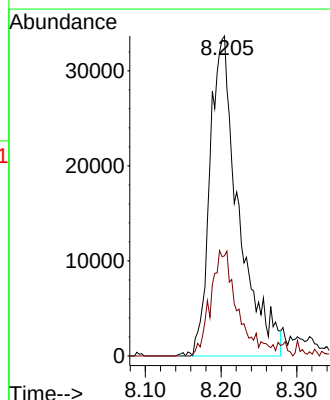
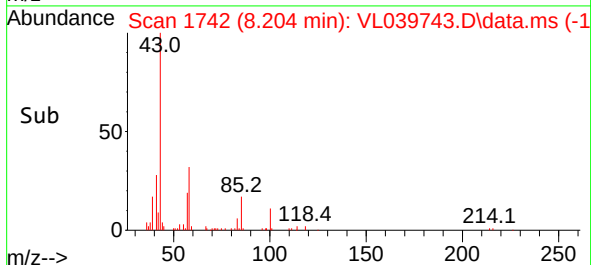
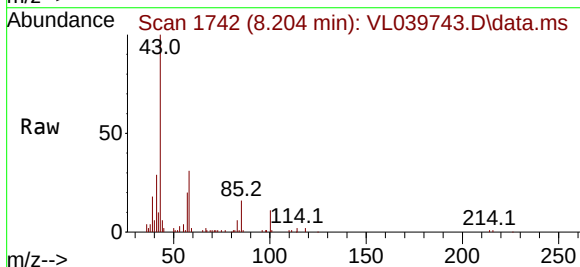
RT: 8.204 min Scan# 1742

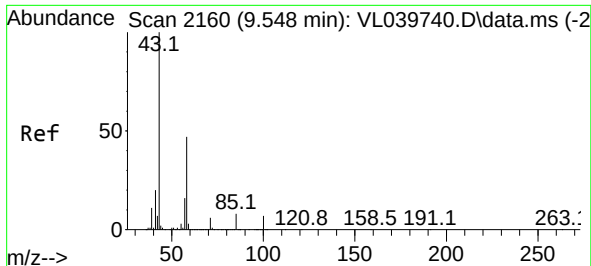
Delta R.T. 0.026 min

Lab File: VL039743.D

Acq: 21 Oct 2022 11:58

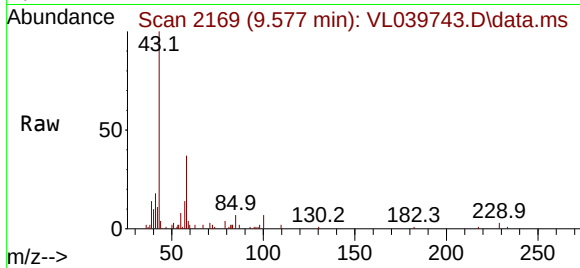
Tgt Ion: 43 Resp: 88619
 Ion Ratio Lower Upper
 43 100
 58 31.2 28.0 42.0





#51
2-Hexanone
Concen: 0.342 ppbv m
RT: 9.577 min Scan# 2160
Delta R.T. 0.029 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58

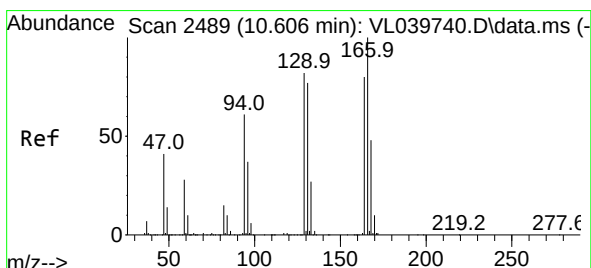
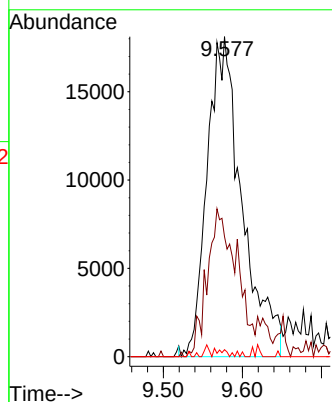
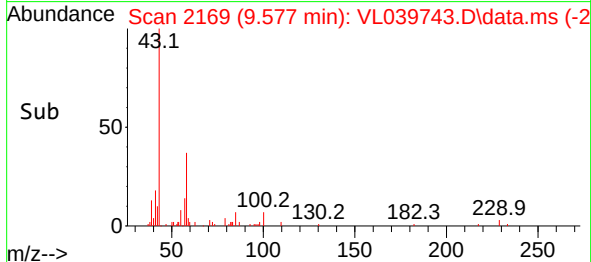
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 43 Resp: 55429
Ion Ratio Lower Upper
43 100
58 0.0 37.6 56.4
98 1.2 0.6 0.8

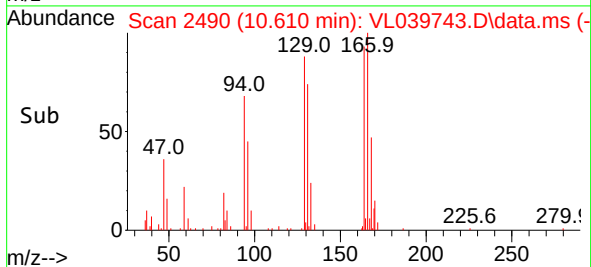
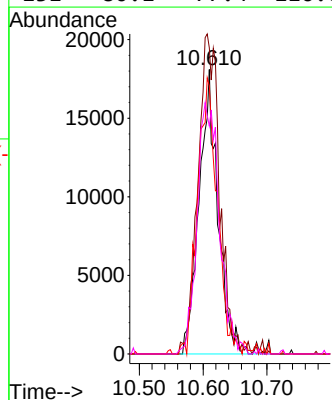
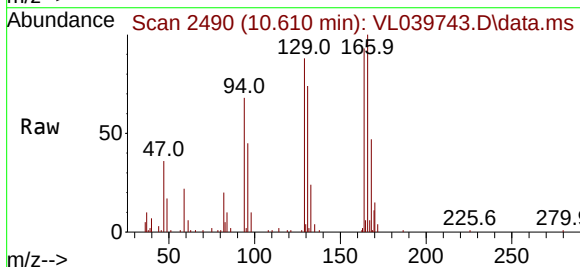
Manual Integrations
APPROVED

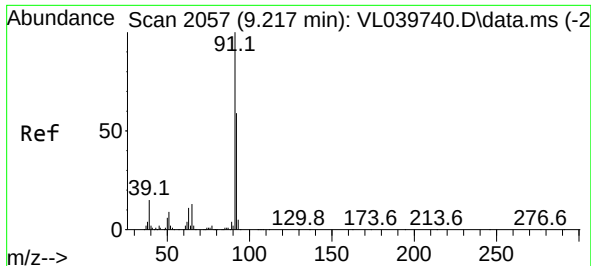
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#52
Tetrachloroethene
Concen: 0.450 ppbv m
RT: 10.610 min Scan# 2490
Delta R.T. 0.003 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58

Tgt Ion:164 Resp: 37224
Ion Ratio Lower Upper
164 100
166 107.6 100.0 150.0
129 94.3 82.1 123.1
131 80.1 77.4 116.0





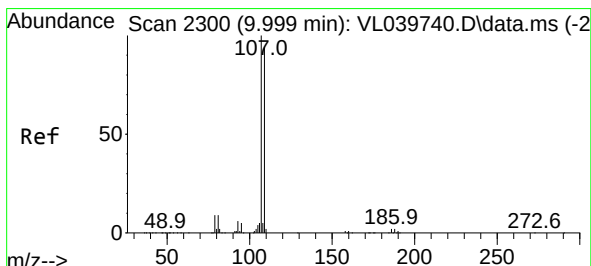
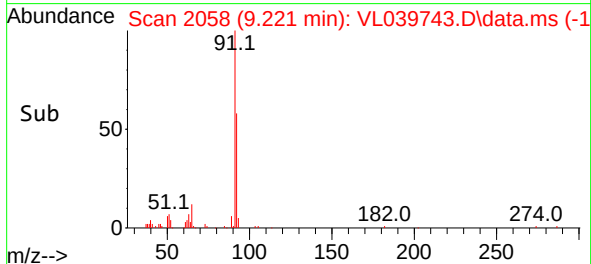
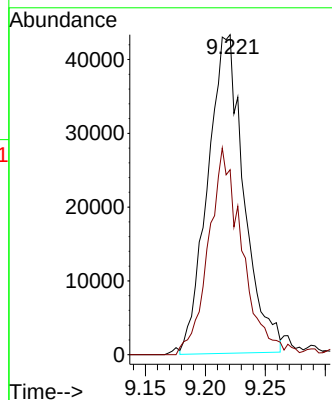
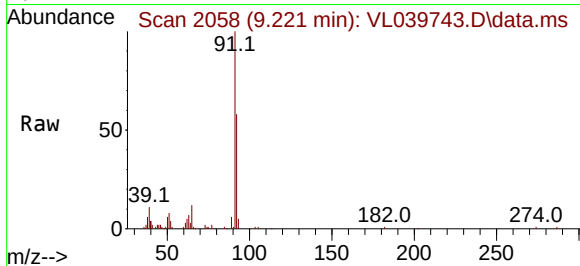
#53
Toluene
Concen: 0.377 ppbv
RT: 9.221 min Scan# 2057
Delta R.T. 0.003 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 91 Resp: 9088
Ion Ratio Lower Upper
91 100
92 61.7 47.7 71.5

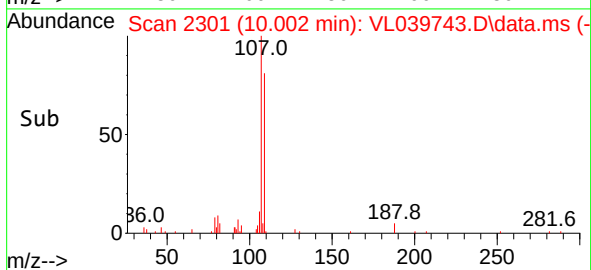
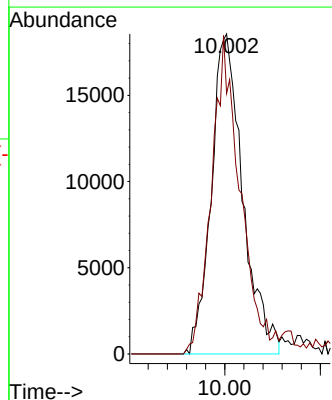
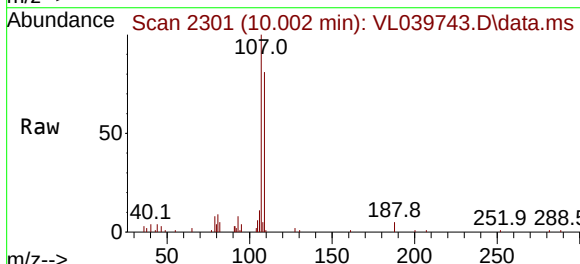
Manual Integrations
APPROVED

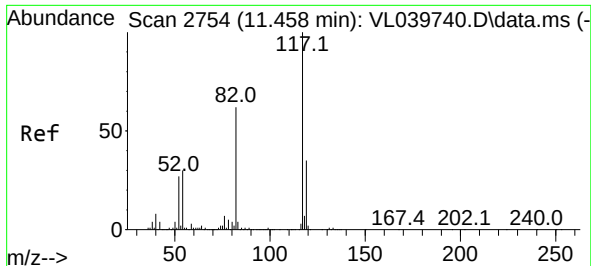
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#54
1,2-Dibromoethane
Concen: 0.432 ppbv m
RT: 10.002 min Scan# 2301
Delta R.T. 0.003 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58

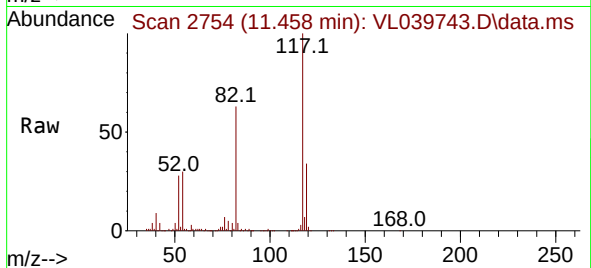
Tgt Ion:107 Resp: 42294
Ion Ratio Lower Upper
107 100
109 81.4 75.2 112.8





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.458 min Scan# 2754
Delta R.T. 0.000 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58

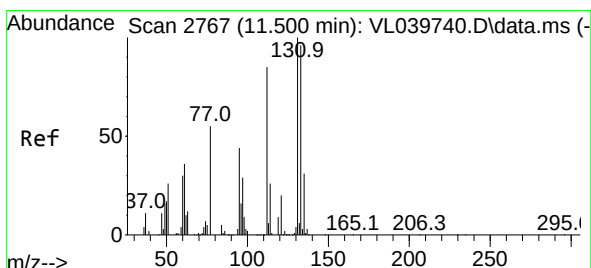
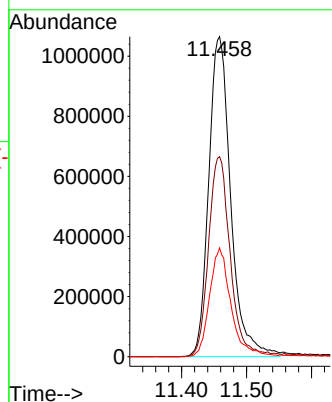
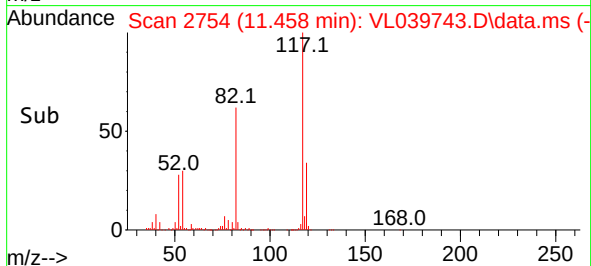
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



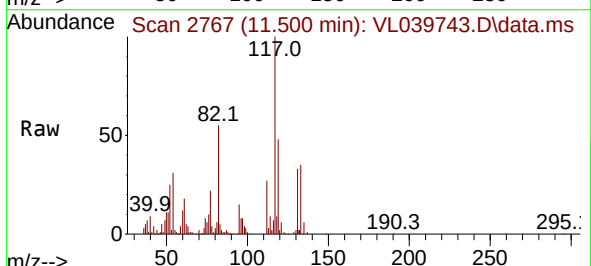
Tgt Ion:117 Resp: 250833
Ion Ratio Lower Upper
117 100
82 62.9 51.4 77.0
119 33.6 24.6 36.8

Manual Integrations
APPROVED

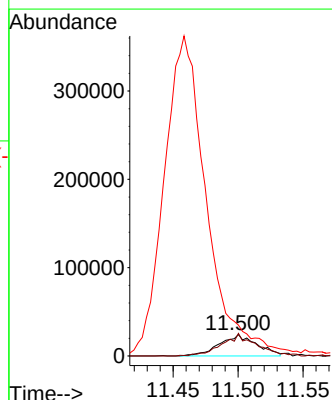
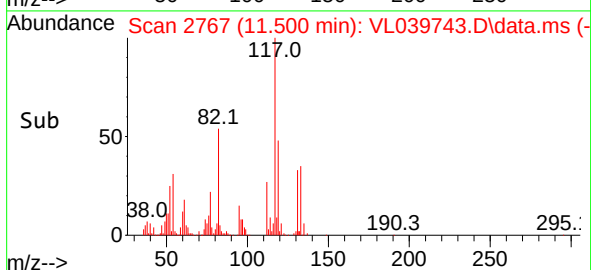
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

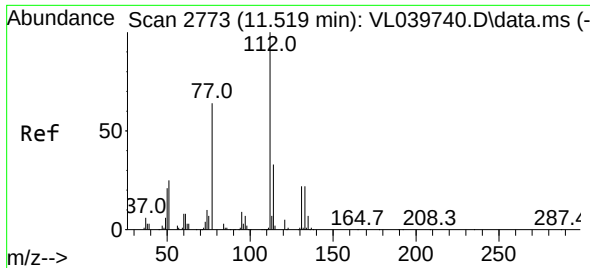


#56
1,1,1,2-Tetrachloroethane
Concen: 0.474 ppbv
RT: 11.500 min Scan# 2767
Delta R.T. 0.000 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58



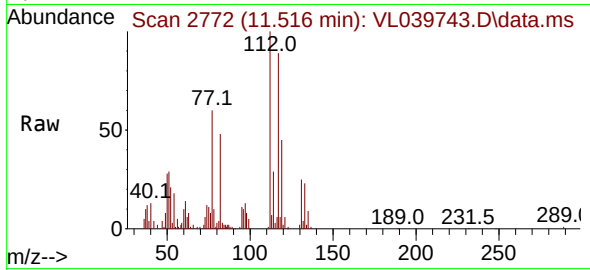
Tgt Ion:131 Resp: 48019
Ion Ratio Lower Upper
131 100
133 99.0 77.2 115.8
119 1750.6 55.5 83.3#





#57
Chlorobenzene
Concen: 0.478 ppbv
RT: 11.516 min Scan# 2772
Delta R.T. -0.003 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58

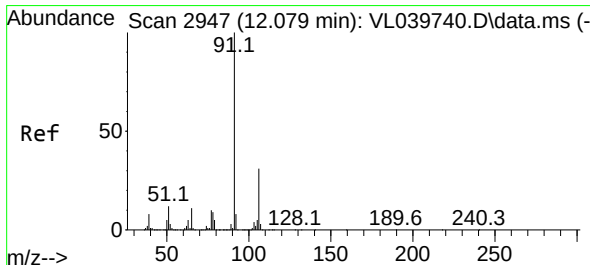
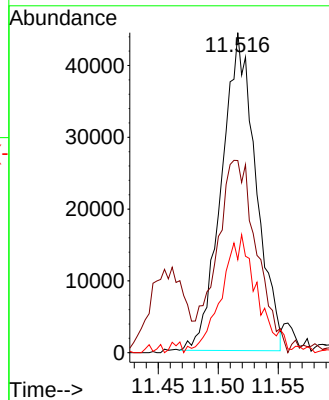
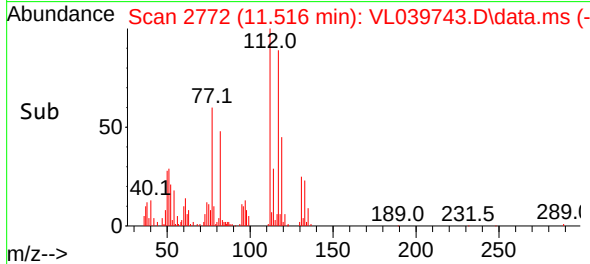
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



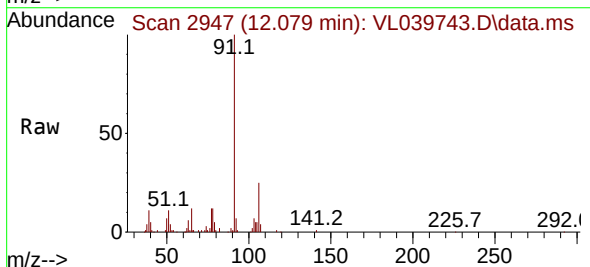
Tgt Ion:112 Resp: 8825
Ion Ratio Lower Upper
112 100
77 53.7 51.4 77.2
114 26.3 30.0 36.6

Manual Integrations
APPROVED

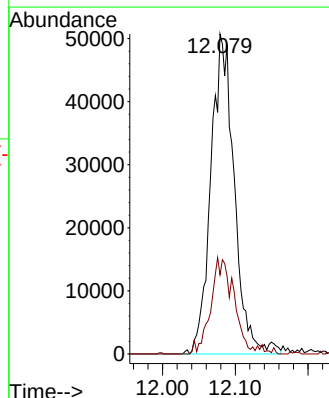
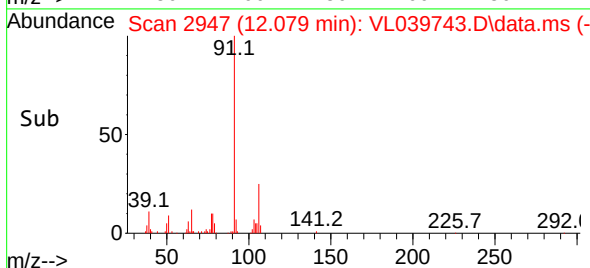
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

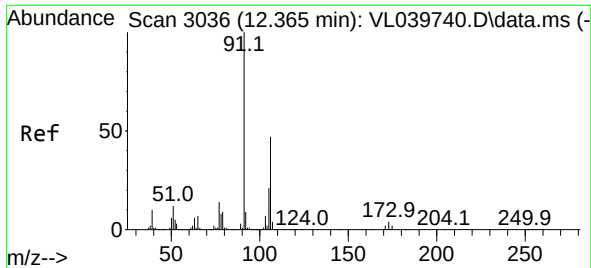


#58
Ethyl Benzene
Concen: 0.392 ppbv m
RT: 12.079 min Scan# 2947
Delta R.T. 0.000 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58



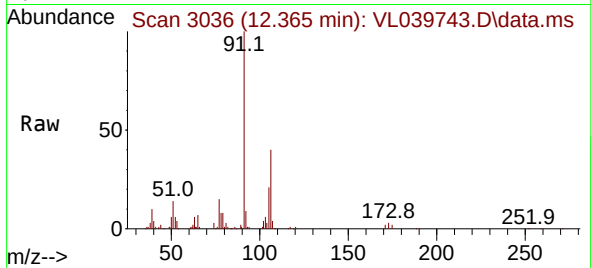
Tgt Ion: 91 Resp: 113239
Ion Ratio Lower Upper
91 100
106 24.8 24.6 36.8





#59
m/p-Xylene
Concen: 0.839 ppbv m
RT: 12.365 min Scan# 3036
Delta R.T. 0.000 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58

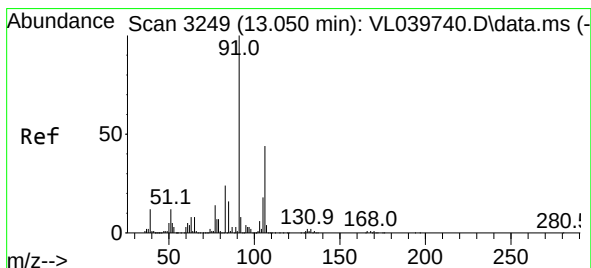
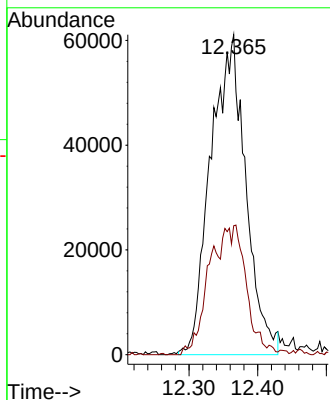
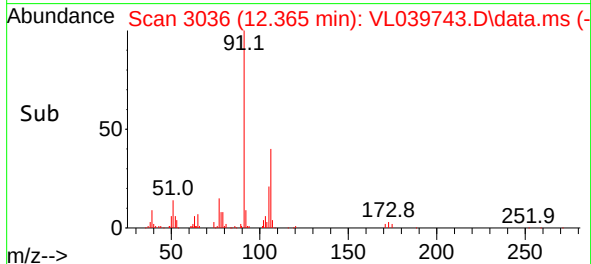
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



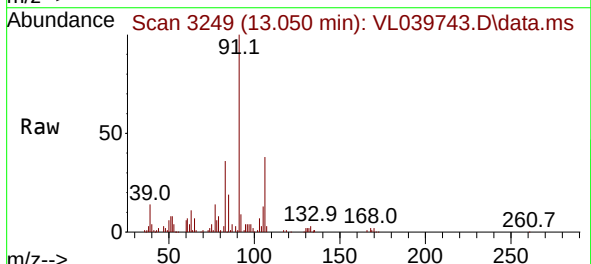
Tgt Ion: 91 Resp: 21584
Ion Ratio Lower Upper
91 100
106 43.0 36.2 54.4

Manual Integrations
APPROVED

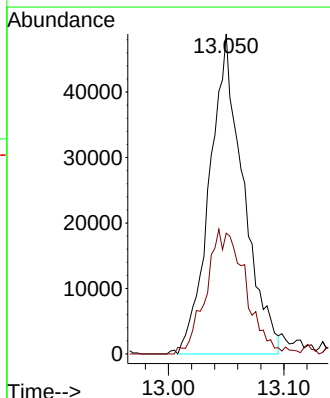
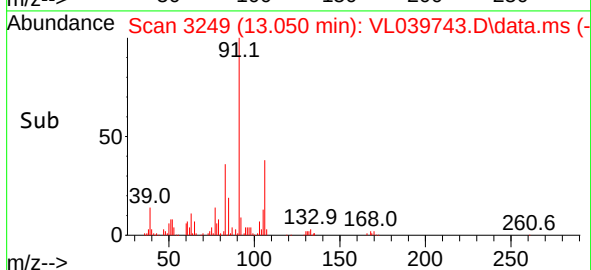
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

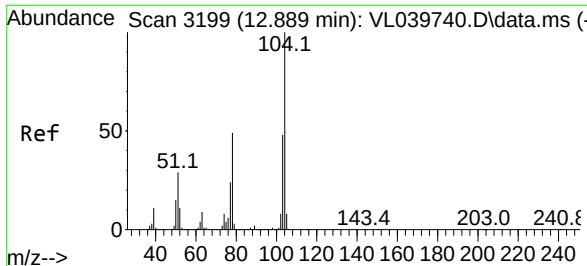


#60
o-Xylene
Concen: 0.403 ppbv
RT: 13.050 min Scan# 3249
Delta R.T. 0.000 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58



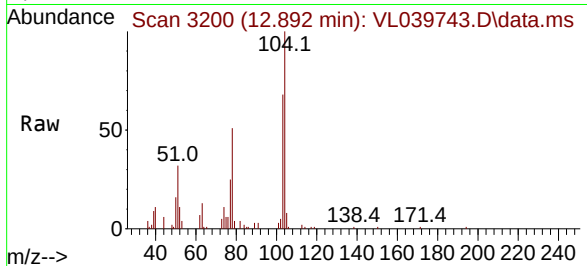
Tgt Ion: 91 Resp: 99159
Ion Ratio Lower Upper
91 100
106 45.6 22.4 67.0





#61
Styrene
Concen: 0.327 ppbv m
RT: 12.892 min Scan# 3199
Delta R.T. 0.003 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58

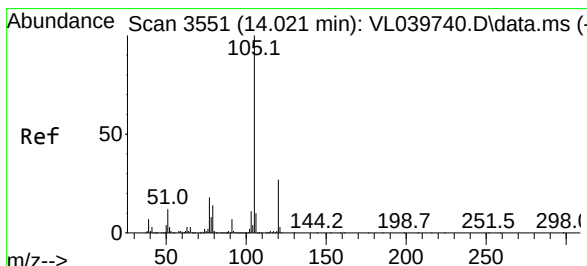
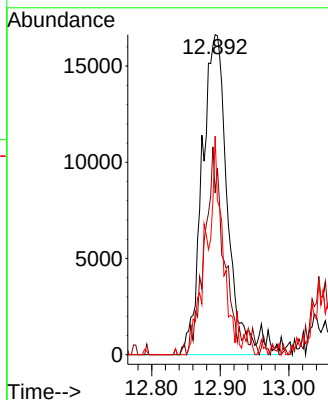
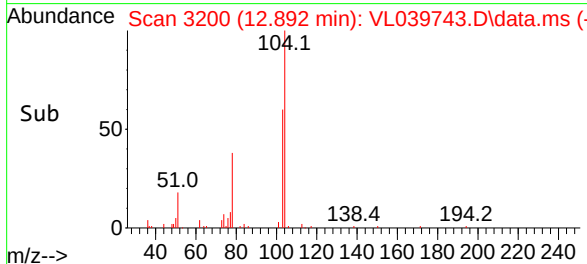
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



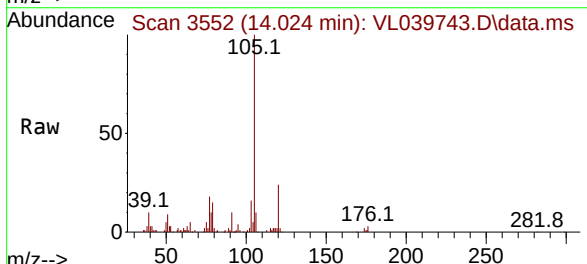
Tgt Ion:104 Resp: 43274
Ion Ratio Lower Upper
104 100
78 51.9 39.6 59.4
103 45.8 38.1 57.1

Manual Integrations
APPROVED

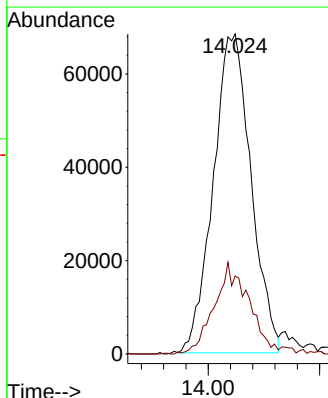
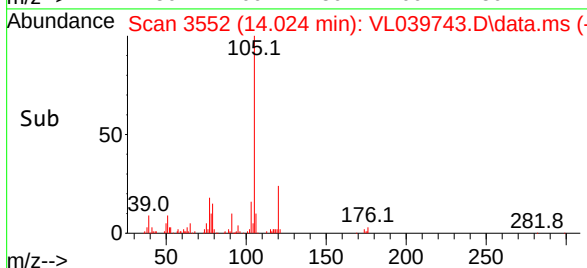
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

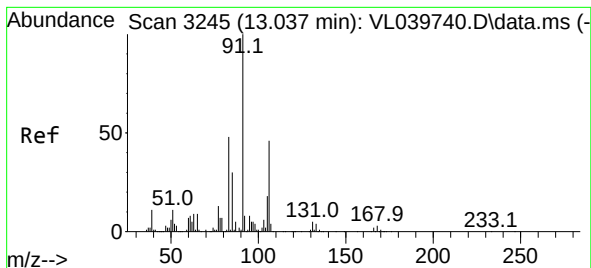


#62
Isopropylbenzene
Concen: 0.436 ppbv
RT: 14.024 min Scan# 3552
Delta R.T. 0.003 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58



Tgt Ion:105 Resp: 161184
Ion Ratio Lower Upper
105 100
120 26.9 20.2 30.4





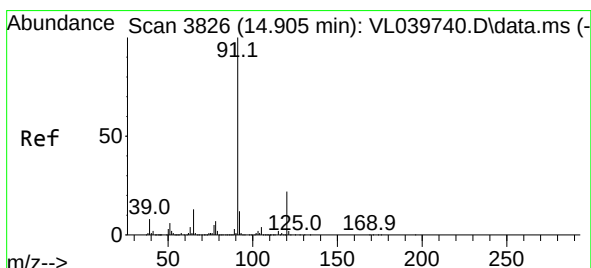
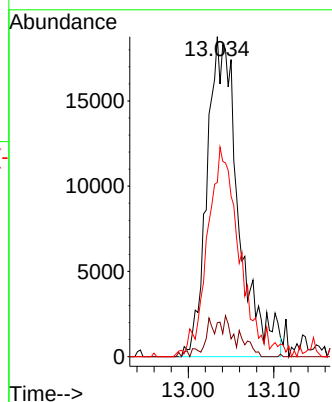
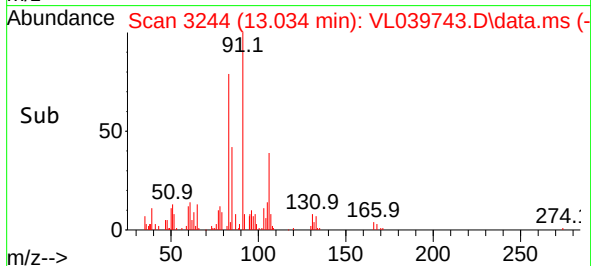
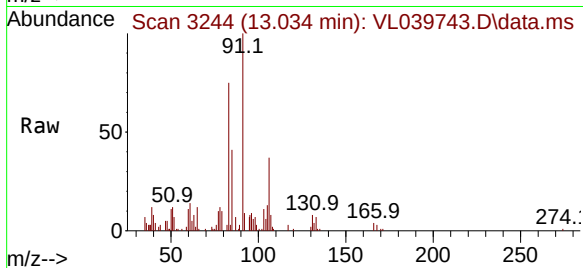
#63
1,1,2,2-Tetrachloroethane
Concen: 0.492 ppbv m
RT: 13.034 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 83 Resp: 48274
Ion Ratio Lower Upper
83 100
131 11.3 4.9 14.7
85 68.1 32.8 98.4

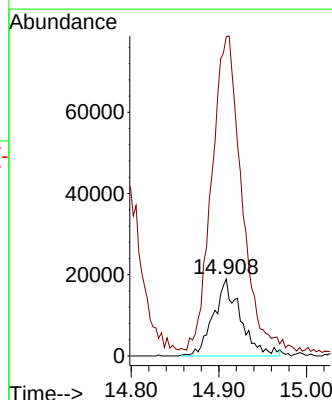
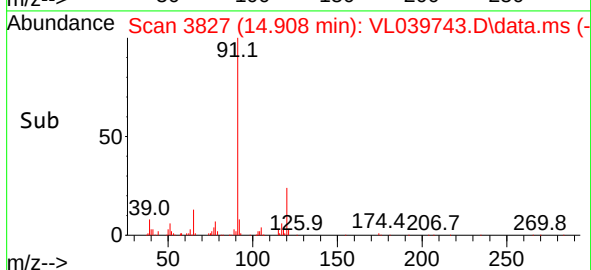
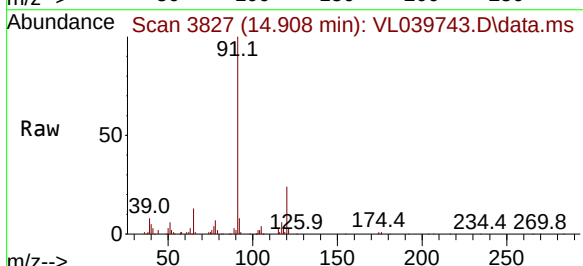
Manual Integrations
APPROVED

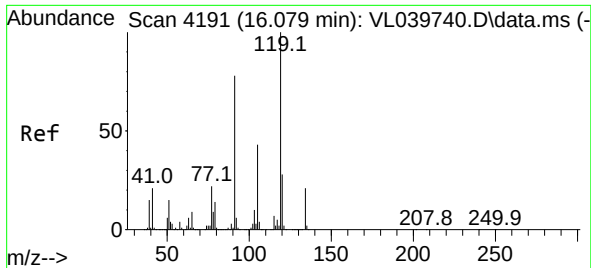
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#64
n-propylbenzene
Concen: 0.429 ppbv m
RT: 14.908 min Scan# 3827
Delta R.T. 0.003 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58

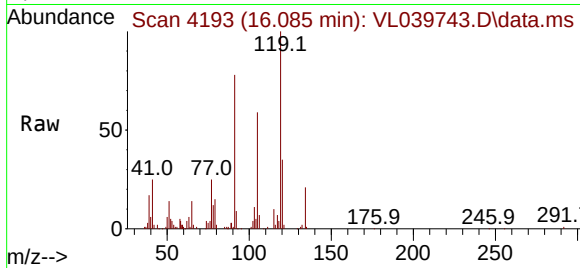
Tgt Ion:120 Resp: 40662
Ion Ratio Lower Upper
120 100
91 479.4 376.2 564.2





#65
tert-Butylbenzene
Concen: 0.411 ppbv
RT: 16.085 min Scan# 4193
Delta R.T. 0.007 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58

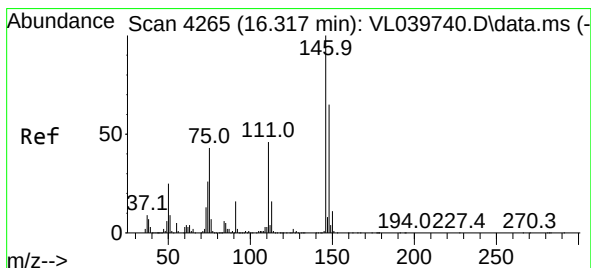
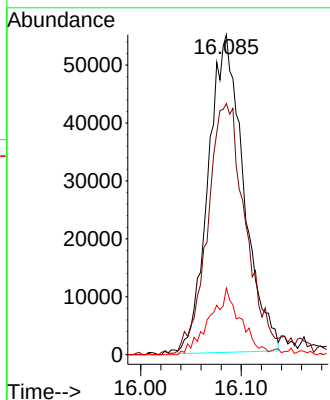
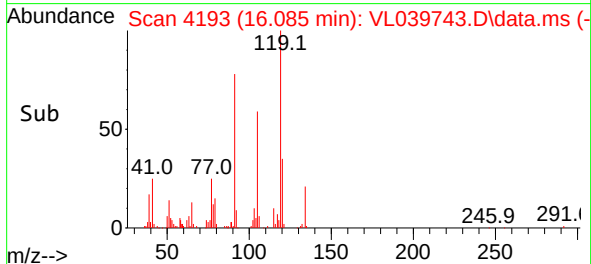
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



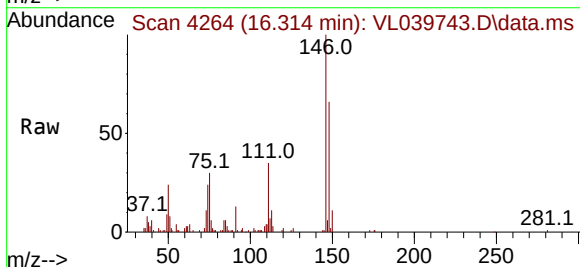
Tgt Ion: 119 Resp: 13417
Ion Ratio Lower Upper
119 100
91 89.2 64.2 96.2
134 19.4 15.5 23.3

Manual Integrations
APPROVED

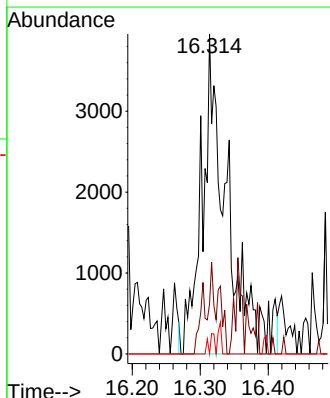
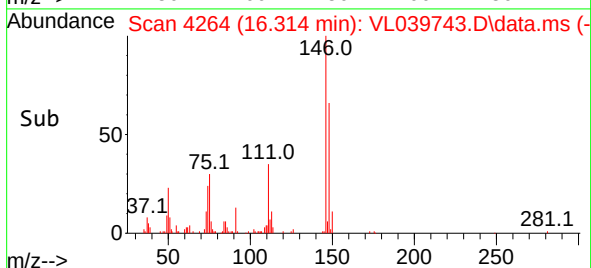
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

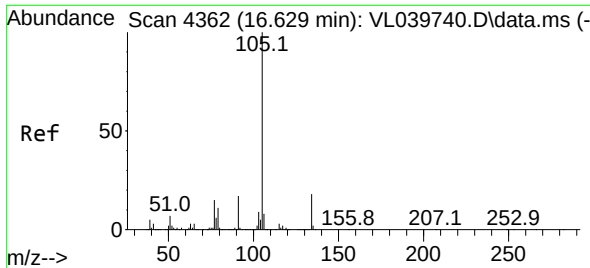


#66
Benzyl Chloride
Concen: 0.392 ppbv m
RT: 16.314 min Scan# 4264
Delta R.T. -0.003 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58



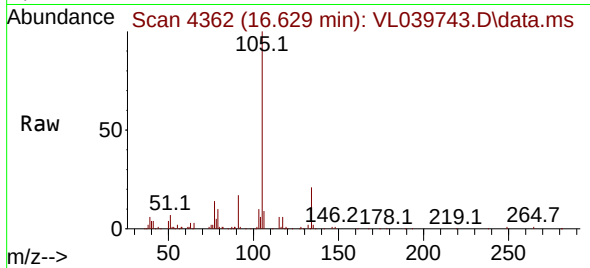
Tgt Ion: 91 Resp: 10205
Ion Ratio Lower Upper
91 100
126 15.6 12.6 18.8
128 0.0 4.2 6.2





#67
 sec-Butylbenzene
 Concen: 0.404 ppbv
 RT: 16.629 min Scan# 4362
 Delta R.T. 0.000 min
 Lab File: VL039743.D
 Acq: 21 Oct 2022 11:58

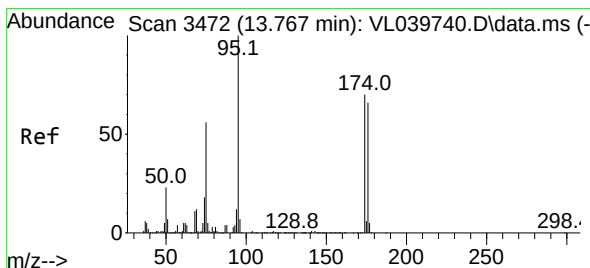
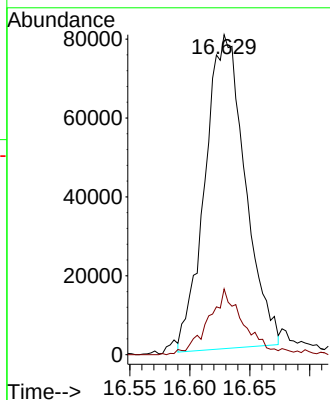
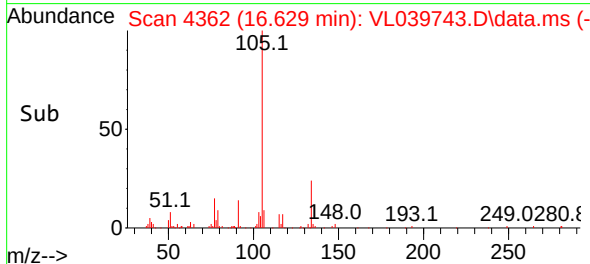
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.5



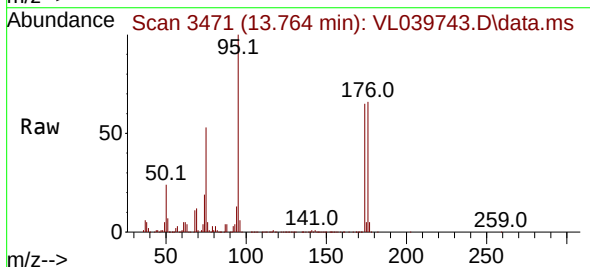
Tgt Ion:105 Resp: 18515
 Ion Ratio Lower Upper
 105 100
 134 19.2 14.2 21.4

Manual Integrations
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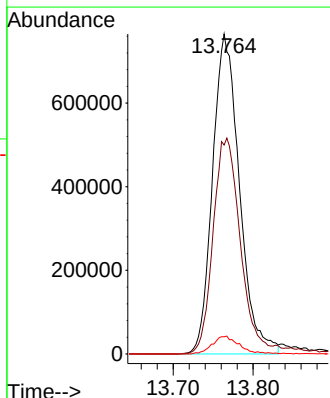
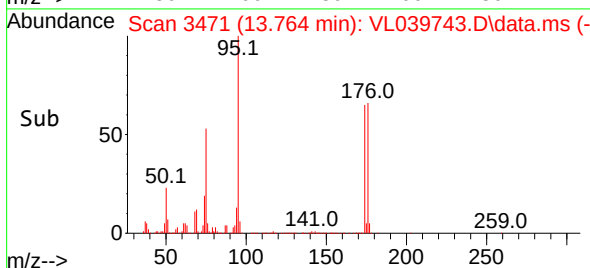
Reviewed By :Semsettin Yesilyurt 10/24/2022
 Supervised By :Mahesh Dadoda 10/24/2022

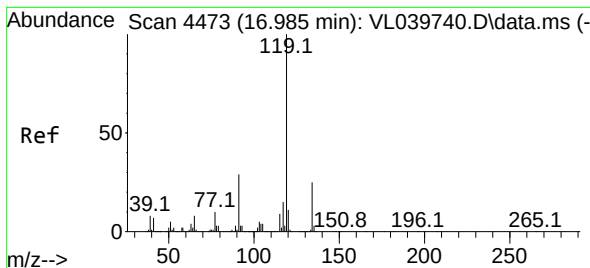


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.538 ppbv
 RT: 13.764 min Scan# 3471
 Delta R.T. -0.003 min
 Lab File: VL039743.D
 Acq: 21 Oct 2022 11:58



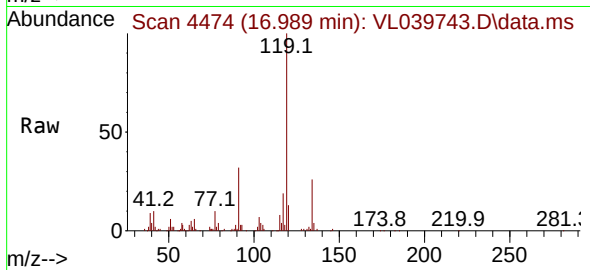
Tgt Ion: 95 Resp: 1786042
 Ion Ratio Lower Upper
 95 100
 174 71.2 56.5 84.7
 175 5.6 4.2 6.4





#69
p-Isopropyltoluene
Concen: 0.377 ppbv
RT: 16.989 min Scan# 4473
Delta R.T. 0.003 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58

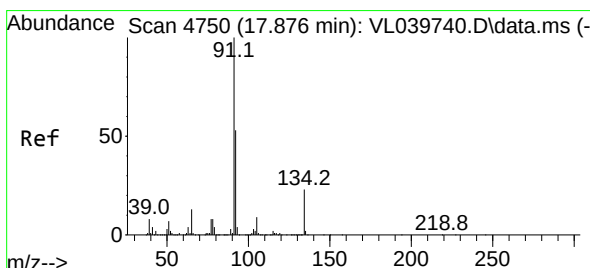
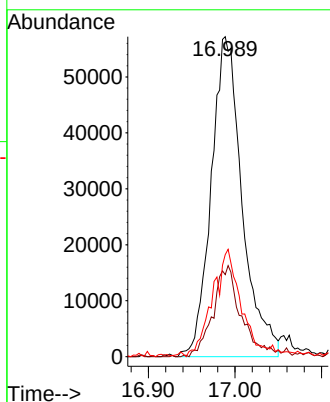
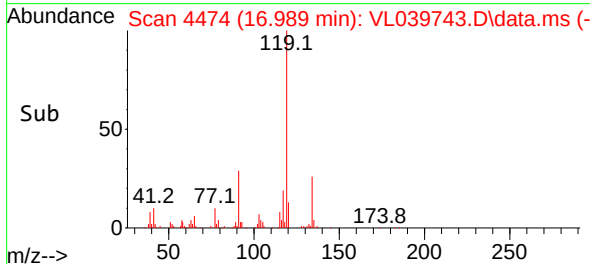
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



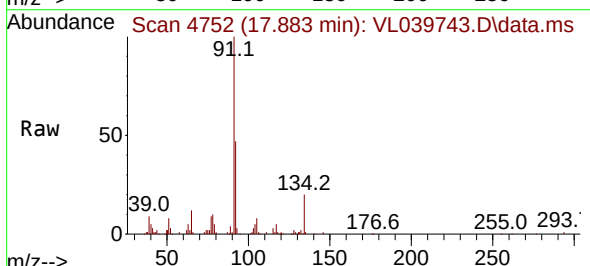
Tgt Ion: 119 Resp: 142120
Ion Ratio Lower Upper
119 100
134 27.0 19.8 29.8
91 32.3 22.7 34.1

Manual Integrations
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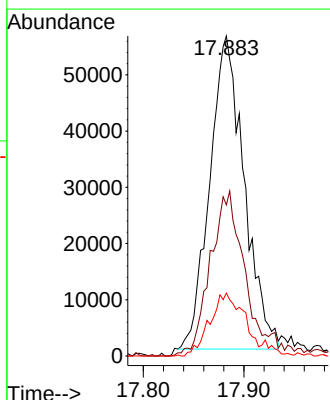
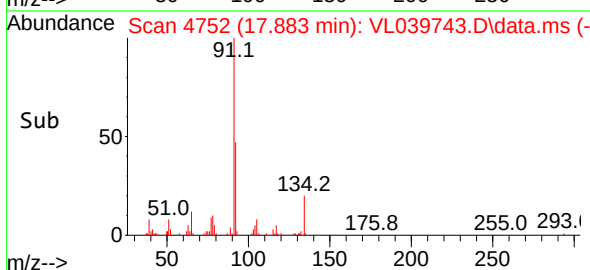
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

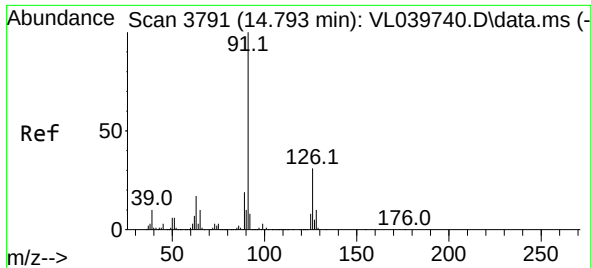


#70
n-Butylbenzene
Concen: 0.359 ppbv
RT: 17.883 min Scan# 4752
Delta R.T. 0.007 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58



Tgt Ion: 91 Resp: 132494
Ion Ratio Lower Upper
91 100
92 55.6 43.3 64.9
134 21.4 18.4 27.6





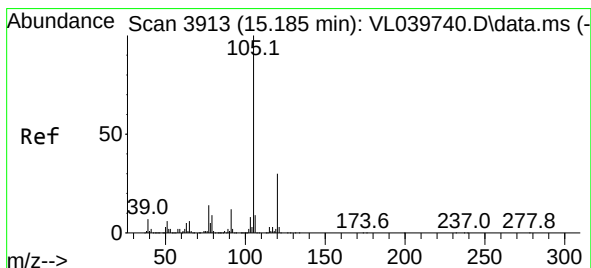
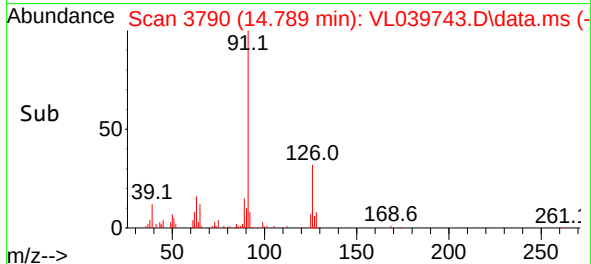
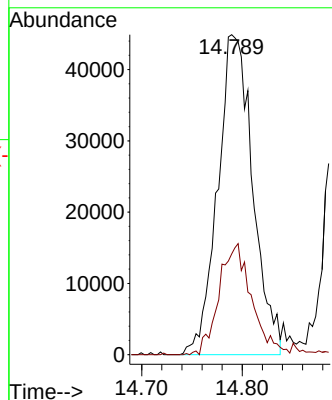
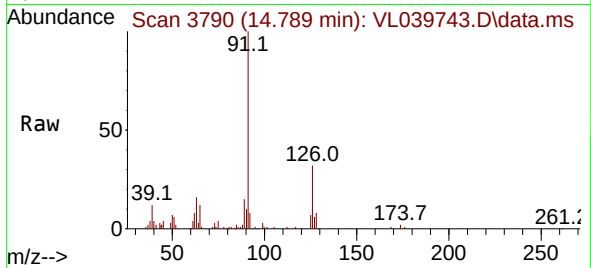
#71
2-Chlorotoluene
Concen: 0.408 ppbv
RT: 14.789 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 91 Resp: 10887
Ion Ratio Lower Upper
91 100
126 33.0 12.7 50.7

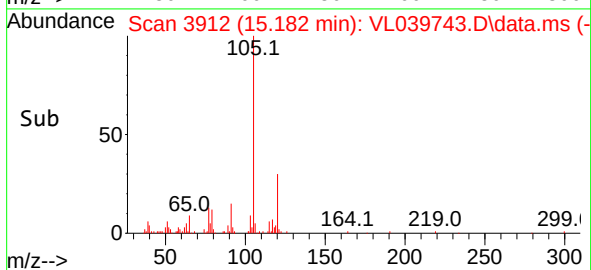
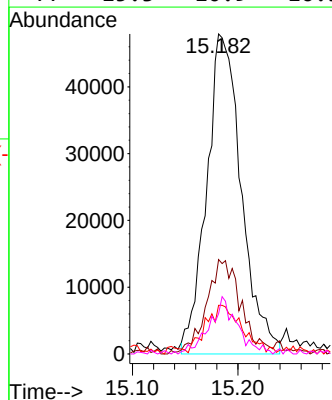
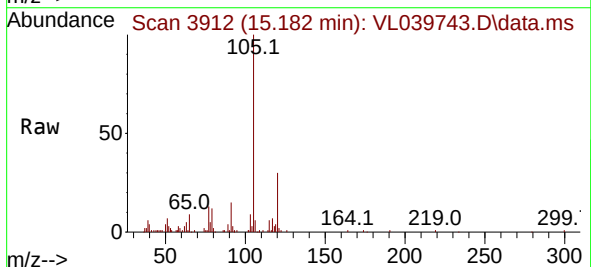
Manual Integrations
APPROVED

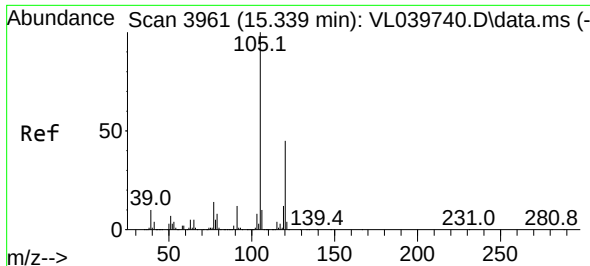
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#72
4-Ethyltoluene
Concen: 0.391 ppbv m
RT: 15.182 min Scan# 3912
Delta R.T. -0.003 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58

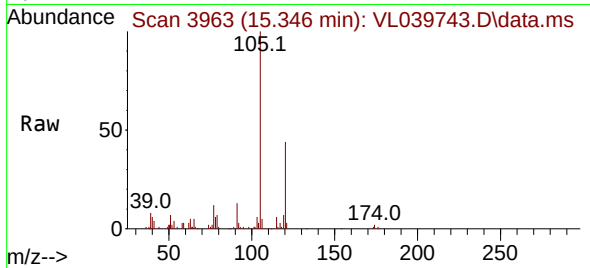
Tgt Ion:105 Resp: 109754
Ion Ratio Lower Upper
105 100
120 31.1 23.9 35.9
91 17.0 10.3 15.5#
77 15.3 10.9 16.3





#73
1,3,5-Trimethylbenzene
Concen: 0.418 ppbv m
RT: 15.346 min Scan# 3961
Delta R.T. 0.007 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58

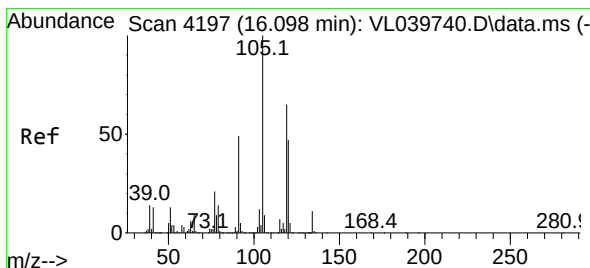
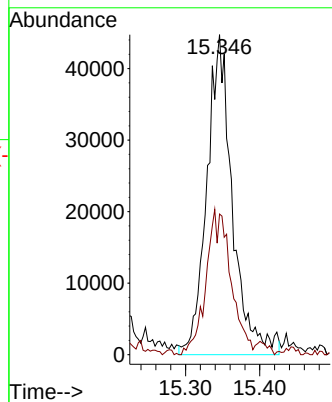
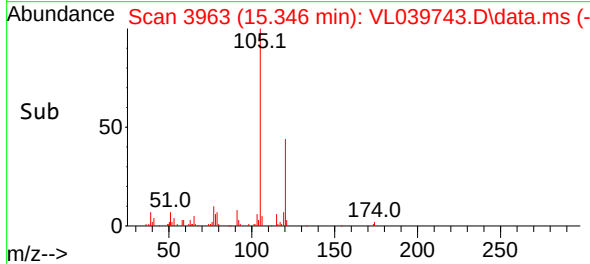
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



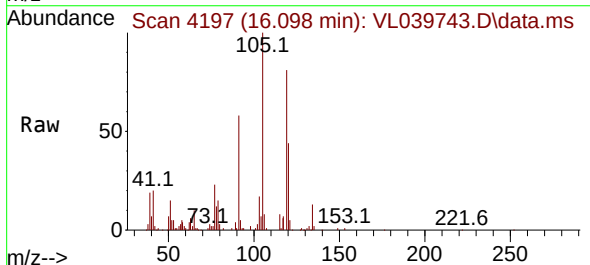
Tgt Ion:105 Resp: 107249
Ion Ratio Lower Upper
105 100
120 43.9 35.6 53.4

Manual Integrations
APPROVED

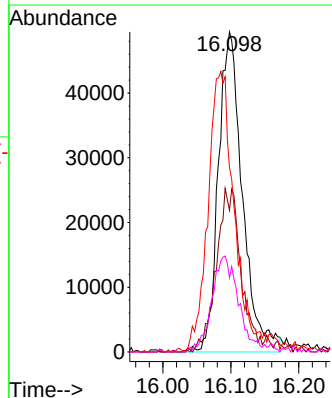
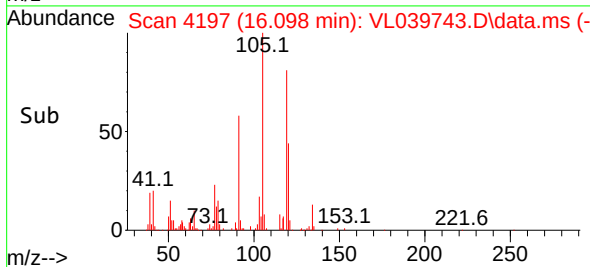
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

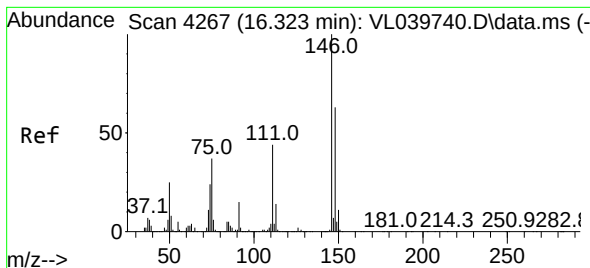


#74
1,2,4-Trimethylbenzene
Concen: 0.423 ppbv m
RT: 16.098 min Scan# 4197
Delta R.T. 0.000 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58



Tgt Ion:105 Resp: 121620
Ion Ratio Lower Upper
105 100
120 44.3 37.6 56.4
91 57.7 40.1 60.1
77 23.2 17.2 25.8





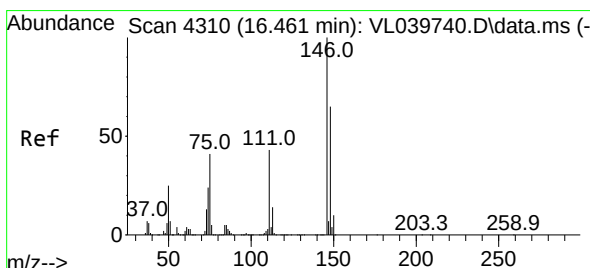
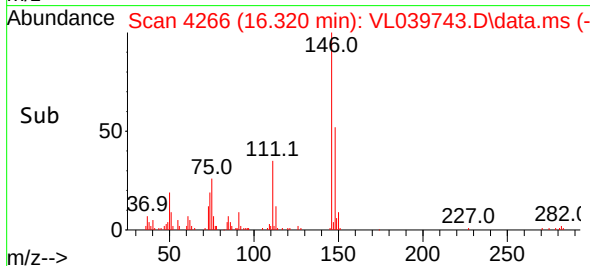
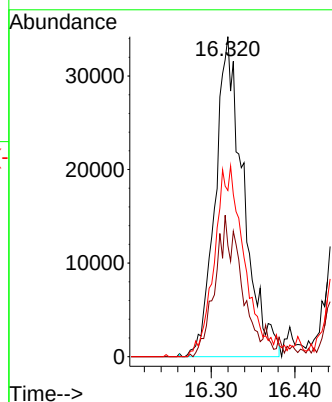
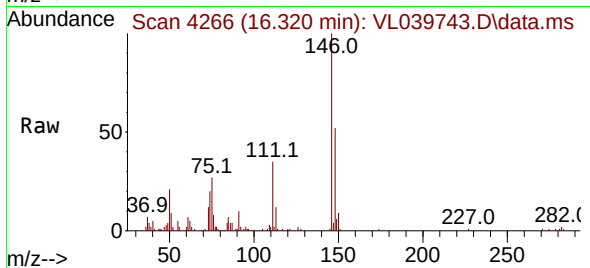
#75
1,3-Dichlorobenzene
Concen: 0.466 ppbv m
RT: 16.320 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:146 Resp: 8002
Ion Ratio Lower Upper
146 100
111 45.3 22.8 68.3
148 63.6 32.6 97.7

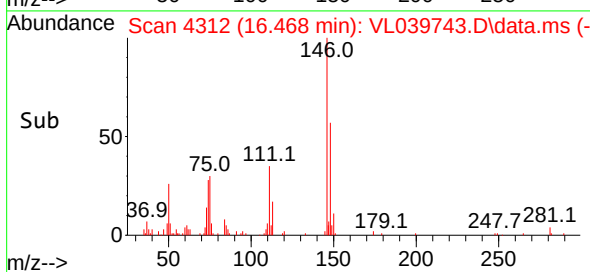
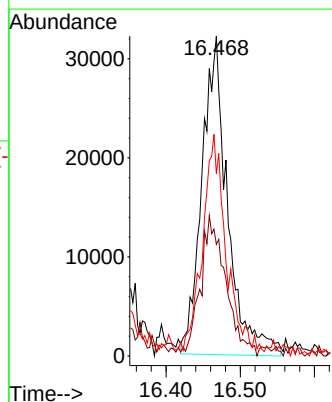
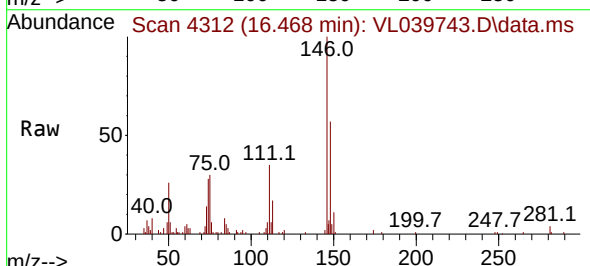
Manual Integrations
APPROVED

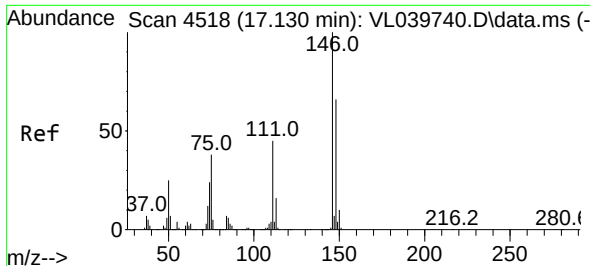
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#76
1,4-Dichlorobenzene
Concen: 0.451 ppbv m
RT: 16.468 min Scan# 4312
Delta R.T. 0.007 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58

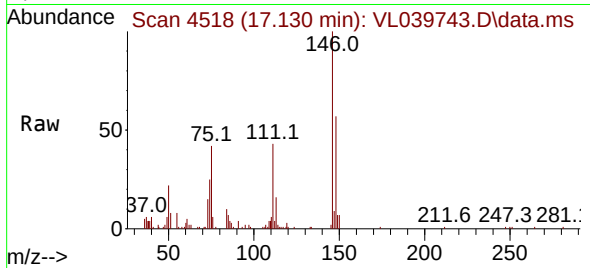
Tgt Ion:146 Resp: 77561
Ion Ratio Lower Upper
146 100
111 45.5 22.1 66.5
148 0.0 33.2 99.6#





#77
1,2-Dichlorobenzene
Concen: 0.457 ppbv m
RT: 17.130 min Scan# 4518
Delta R.T. 0.000 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58

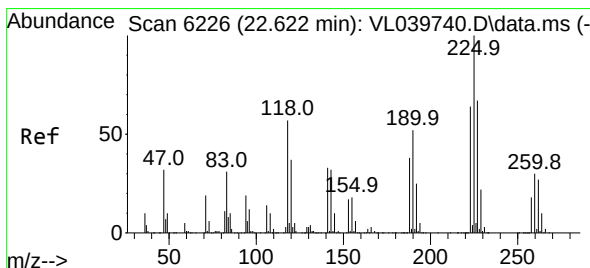
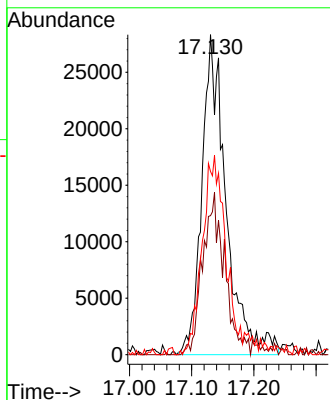
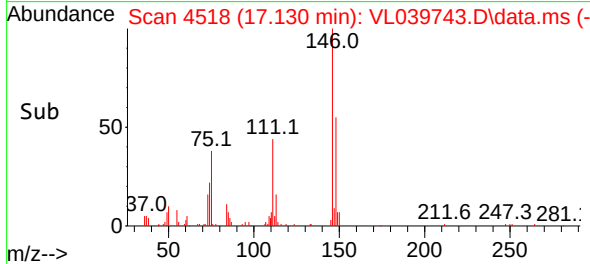
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



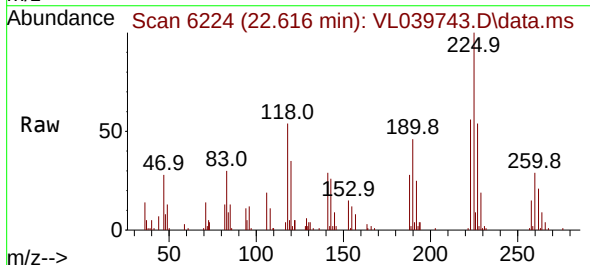
Tgt Ion:146 Resp: 7659
Ion Ratio Lower Upper
146 100
111 0.0 23.6 70.8
148 0.0 32.8 98.3

Manual Integrations
APPROVED

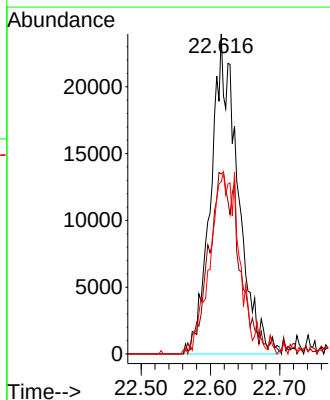
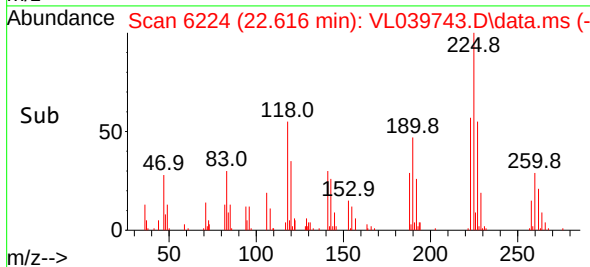
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

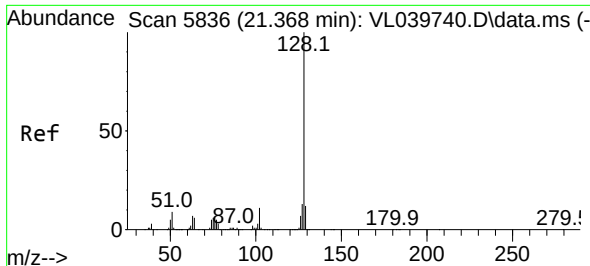


#78
Hexachloro-1,3-Butadiene
Concen: 0.506 ppbv m
RT: 22.616 min Scan# 6224
Delta R.T. -0.006 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58



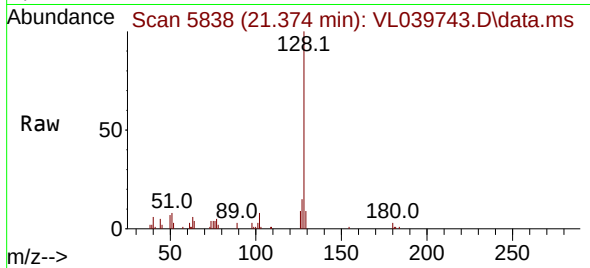
Tgt Ion:225 Resp: 64788
Ion Ratio Lower Upper
225 100
223 65.0 52.4 78.6
227 0.0 52.7 79.1





#79
Naphthalene
Concen: 0.347 ppbv m
RT: 21.374 min Scan# 5838
Delta R.T. 0.007 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58

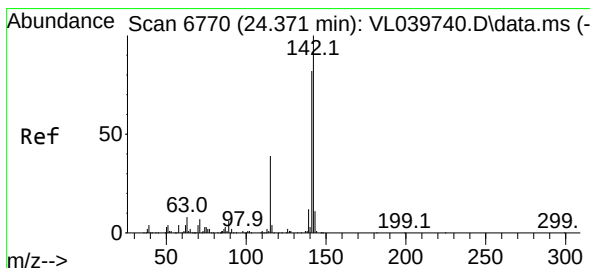
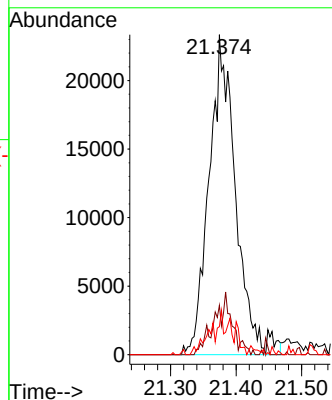
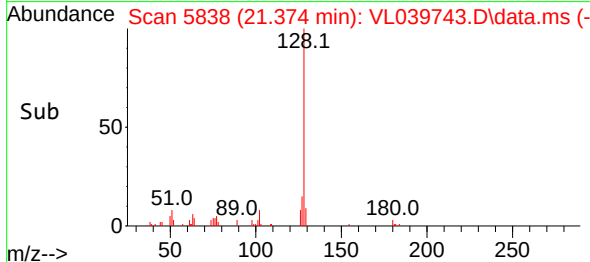
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



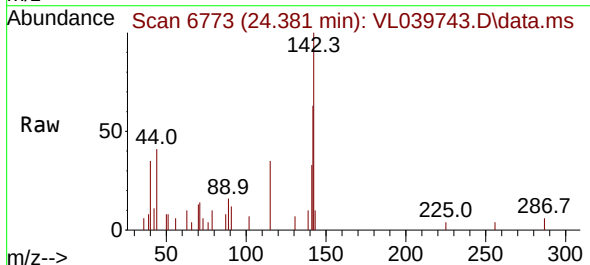
Tgt Ion:128 Resp: 6589
Ion Ratio Lower Upper
128 100
127 15.4 10.8 16.2
129 8.8 9.4 14.0

Manual Integrations
APPROVED

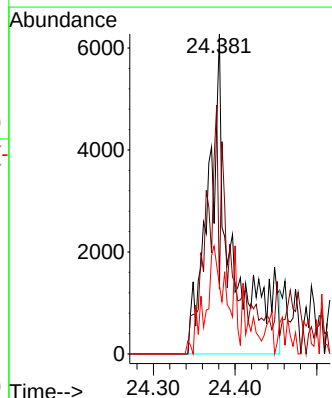
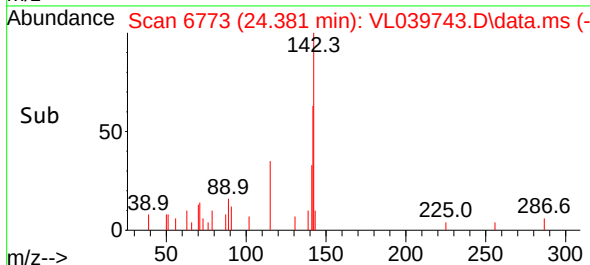
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

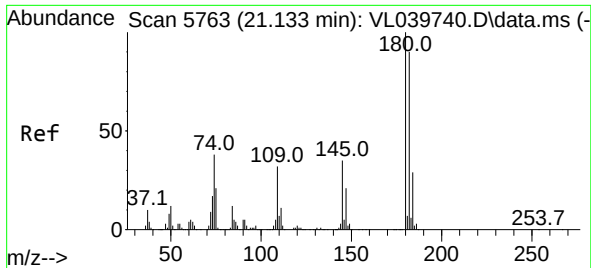


#80
Naphthalene,2-methyl-
Concen: 0.175 ppbv m
RT: 24.381 min Scan# 6773
Delta R.T. 0.010 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58



Tgt Ion:142 Resp: 12475
Ion Ratio Lower Upper
142 100
141 76.9 70.0 105.0
115 34.1 32.5 48.7





#81

1,2,4-Trichlorobenzene

Concen: 0.371 ppbv m

RT: 21.124 min Scan# 51

Delta R.T. -0.010 min

Lab File: VL039743.D

Acq: 21 Oct 2022 11:58

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion:180 Resp: 46329

Ion Ratio Lower Upper

180 100

182 98.7 0.0 0.0

184 30.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022

