

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101722\
 Data File : VL039718.D
 Acq On : 17 Oct 2022 13:20
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/19/2022
 Supervised By :Mahesh Dadoda 10/19/2022

Quant Time: Oct 18 05:18:31 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M

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

QLast Update : Mon Sep 19 14:26:28 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.224	49	1088407	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.687	114	2866756	10.000	ppbv	0.03
55) Chlorobenzene-d5	11.491	117	2795673m	10.000	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.799 95 1967689 9.428 ppbv 0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 94.300%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.768	85	959030	7.600	ppbv	98
3) Chlorodifluoromethane	2.713	51	1152637	8.924	ppbv	97
4) Chloromethane	2.851	50	714458	9.166	ppbv	97
5) Vinyl Chloride	2.957	62	583983	8.989	ppbv	100
6) Bromomethane	3.160	94	235788	9.841	ppbv	94
7) Chloroethane	3.234	64	218027	9.176	ppbv	99
8) Dichlorotetrafluoroethane	2.896	85	1356084	8.960	ppbv	95
9) Propene	2.732	41	524197	8.886	ppbv	100
10) Heptane	7.610	43	1336256	9.707	ppbv	99
11) Trichlorofluoromethane	3.600	101	1459532	9.340	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.105	101	1125169	9.533	ppbv	98
13) Ethanol	3.282	45	40398m	8.988	ppbv	
14) Bromoethene	3.401	108	457570	9.711	ppbv	100
15) Acetone	3.504	43	1084177	8.952	ppbv	98
16) 1,3-Butadiene	3.022	39	567652	9.239	ppbv	96
17) tert-Butyl alcohol	3.915	59	978457	9.002	ppbv	98
18) 1,1-Dichloroethene	3.915	96	493244	9.498	ppbv	95
19) Isopropyl Alcohol	3.613	45	565306m	9.157	ppbv	
20) Methylene Chloride	3.970	84	412463	7.366	ppbv	96
21) Allyl Chloride	4.034	41	805501	9.767	ppbv	97
22) trans-1,2-Dichloroethene	4.481	96	518541	10.094	ppbv	98
23) Vinyl Acetate	4.661	43	516841m	9.440	ppbv	
24) 1,1-Dichloroethane	4.600	63	1066184	9.779	ppbv	98
25) Ethyl Acetate	5.240	43	2408561	9.120	ppbv	99
26) Hexane	5.247	57	986238	8.800	ppbv	97
27) Carbon Disulfide	4.160	76	1254181	10.649	ppbv	99
28) Methyl tert-Butyl Ether	4.623	73	888815	9.440	ppbv	97
29) Chloroform	5.308	83	1525673	9.430	ppbv	99
30) Cyclohexane	6.632	84	821152	9.462	ppbv	92
31) cis-1,2-Dichloroethene	5.111	61	953536	9.407	ppbv	98
32) 1,1,1-Trichloroethane	6.037	97	1448272	9.888	ppbv	98
34) 2-Butanone	4.822	43	1228230	8.723	ppbv	98
35) Carbon Tetrachloride	6.526	117	1535342	10.089	ppbv	98
36) Benzene	6.401	78	2080880	9.494	ppbv	98
37) 1,2-Dichloroethane	5.838	62	1140816	9.564	ppbv	99
38) Trichloroethene	7.324	130	1209393	10.210	ppbv	96
39) 1,2-Dichloropropane	7.105	63	781456	9.234	ppbv	97
40) 1,4-Dioxane	7.320	88	299502	8.667	ppbv	85
41) Tetrahydrofuran	5.591	42	837662	9.697	ppbv	96
42) Bromodichloromethane	7.279	83	1618728	9.756	ppbv	100
43) Methyl Methacrylate	7.504	69	816879	10.224	ppbv	99
44) 2,2,4-Trimethylpentane	7.356	57	3530409	9.345	ppbv	99
45) t-1,3-Dichloropropene	8.738	75	759946	11.256	ppbv	96

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M

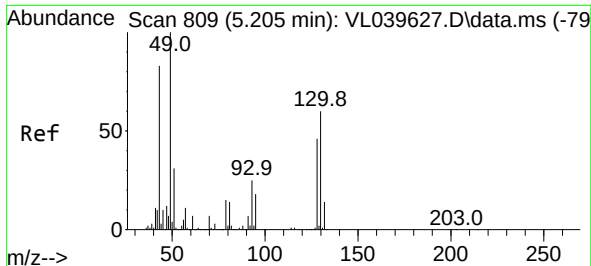
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Mon Sep 19 14:26:28 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.172	75	1056419	10.992	ppbv	99
47) 1,1,2-Trichloroethane	8.928	97	852291	9.213	ppbv	97
48) Dibromochloromethane	9.738	129	1400653	10.055	ppbv	100
49) Bromoform	12.433	173	1128804	9.797	ppbv	100
50) 4-Methyl-2-Pentanone	8.214	43	2207811	9.978	ppbv	98
51) 2-Hexanone	9.578	43	1707702	10.426	ppbv #	98
52) Tetrachloroethene	10.645	164	769791	9.206	ppbv	99
53) Toluene	9.250	91	2425128	9.949	ppbv	100
54) 1,2-Dibromoethane	10.037	107	971702	9.819	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.536	131	1022637	9.052	ppbv	99
57) Chlorobenzene	11.558	112	1816816	8.837	ppbv	98
58) Ethyl Benzene	12.114	91	3153814	9.784	ppbv	97
59) m/p-Xylene	12.401	91	5306791m	18.499	ppbv	
60) o-Xylene	13.085	91	2548013	9.301	ppbv	99
61) Styrene	12.925	104	1500075	10.168	ppbv	98
62) Isopropylbenzene	14.056	105	3675660	8.917	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.073	83	940934	8.611	ppbv	99
64) n-propylbenzene	14.941	120	946047	8.962	ppbv	95
65) tert-Butylbenzene	16.117	119	3230225	8.870	ppbv	99
66) Benzyl Chloride	16.355	91	238060	8.210	ppbv	99
67) sec-Butylbenzene	16.664	105	4475912	8.762	ppbv	99
69) p-Isopropyltoluene	17.021	119	3757349	8.952	ppbv	99
70) n-Butylbenzene	17.912	91	3762150	9.143	ppbv	99
71) 2-Chlorotoluene	14.828	91	2654445	8.919	ppbv	100
72) 4-Ethyltoluene	15.220	105	2911850	9.311	ppbv	99
73) 1,3,5-Trimethylbenzene	15.378	105	2633579	9.203	ppbv	99
74) 1,2,4-Trimethylbenzene	16.134	105	2835413	8.839	ppbv	97
75) 1,3-Dichlorobenzene	16.355	146	1696470	8.864	ppbv	100
76) 1,4-Dichlorobenzene	16.500	146	1657303	8.656	ppbv	99
77) 1,2-Dichlorobenzene	17.169	146	1628177	8.723	ppbv	99
78) Hexachloro-1,3-Butadiene	22.661	225	1290487	9.049	ppbv	99
79) Naphthalene	21.407	128	2749066m	12.986	ppbv	
80) Naphthalene,2-methyl-	24.397	142	998297	12.542	ppbv	98
81) 1,2,4-Trichlorobenzene	21.166	180	1542671	11.095	ppbv	100

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



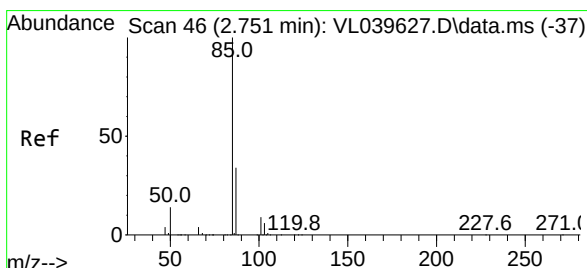
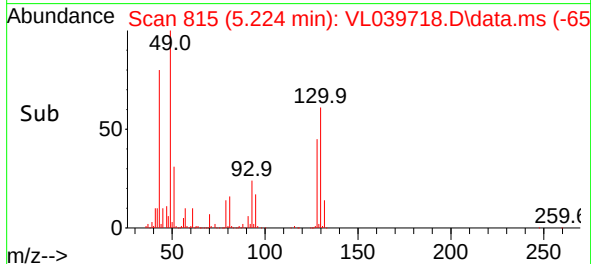
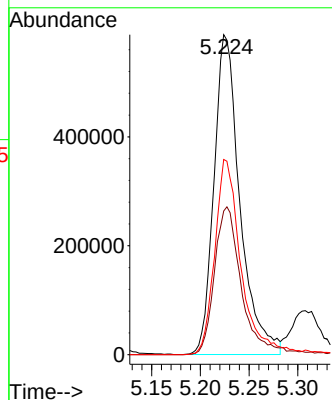
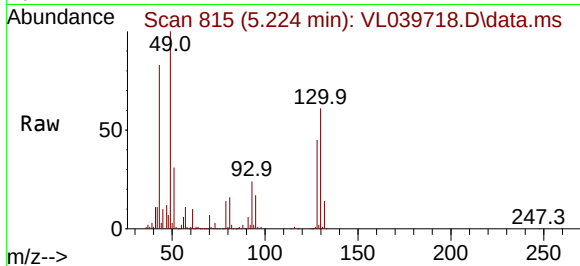
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Bromochloromethane
Concen: 10.000 ppbv
RT: 5.224 min Scan# 81
Delta R.T. 0.017 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 49 Resp: 108840
Ion Ratio Lower Upper
49 100
128 49.3 26.7 80.0
130 63.2 34.3 102.8

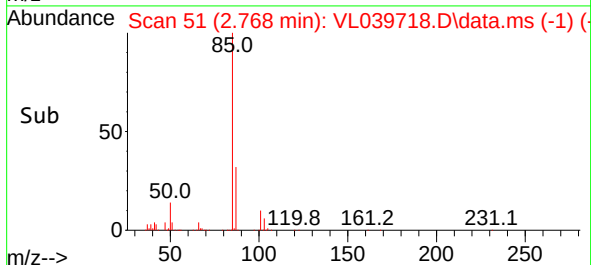
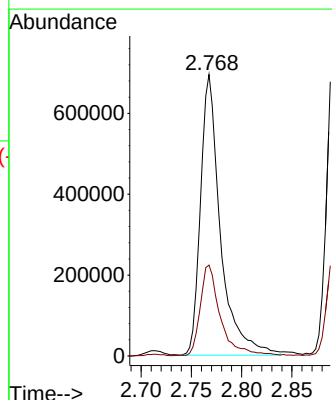
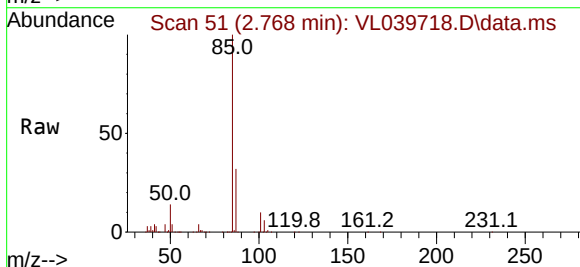
Manual Integrations
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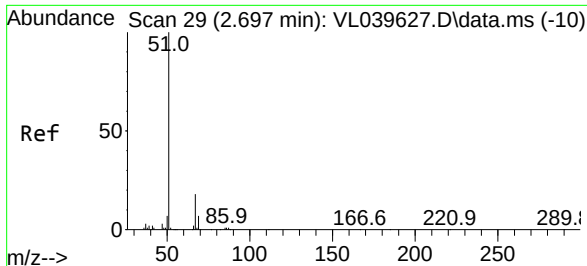
Reviewed By :Semsettin Yesilyurt 10/19/2022
Supervised By :Mahesh Dadoda 10/19/2022



#2
Dichlorodifluoromethane
Concen: 7.600 ppbv
RT: 2.768 min Scan# 51
Delta R.T. 0.017 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

Tgt Ion: 85 Resp: 959030
Ion Ratio Lower Upper
85 100
87 32.2 26.7 40.1





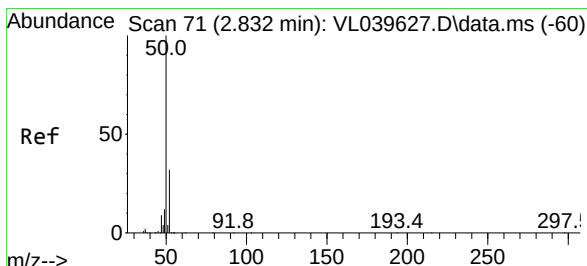
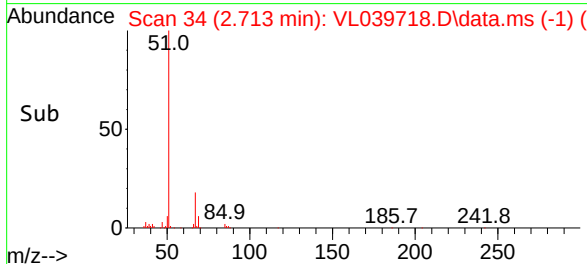
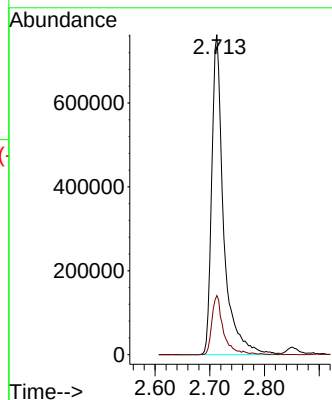
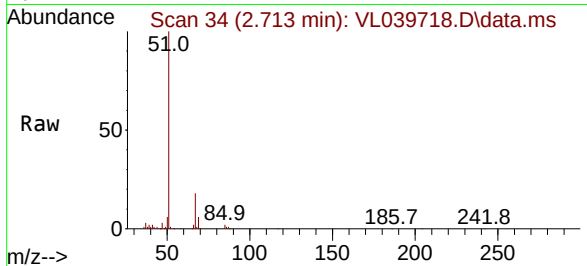
#3
Chlorodifluoromethane
Concen: 8.924 ppbv
RT: 2.713 min Scan# 34
Delta R.T. 0.020 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 51 Resp: 115263
Ion Ratio Lower Upper
51 100
67 18.3 15.7 23.5

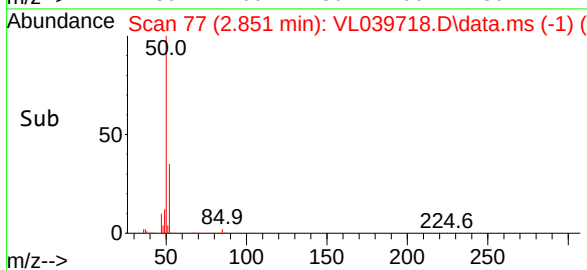
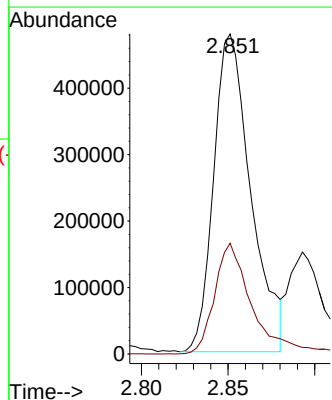
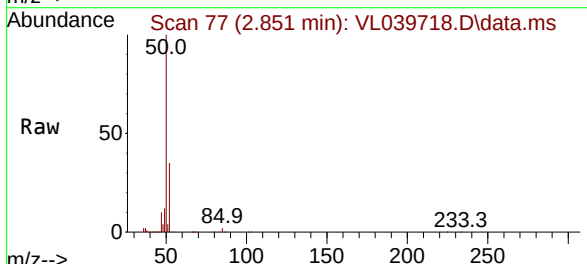
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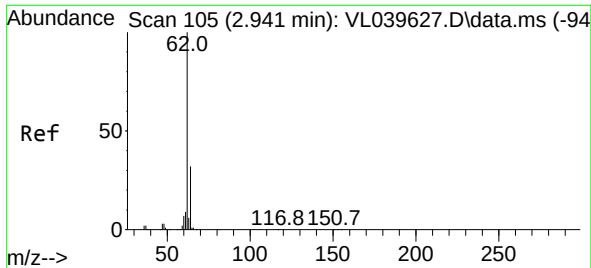
Reviewed By :Semsettin Yesilyurt 10/19/2022
Supervised By :Mahesh Dadoda 10/19/2022



#4
Chloromethane
Concen: 9.166 ppbv
RT: 2.851 min Scan# 77
Delta R.T. 0.017 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

Tgt Ion: 50 Resp: 714458
Ion Ratio Lower Upper
50 100
52 34.8 26.5 39.7





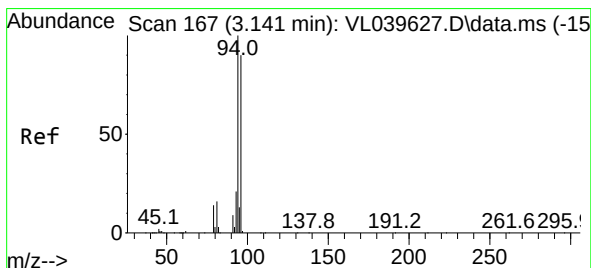
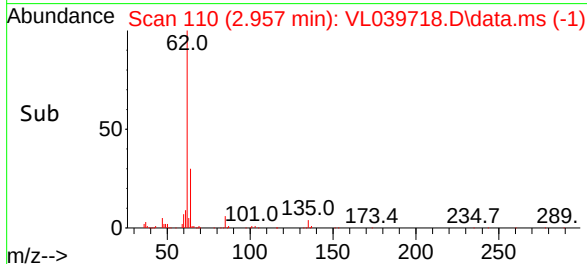
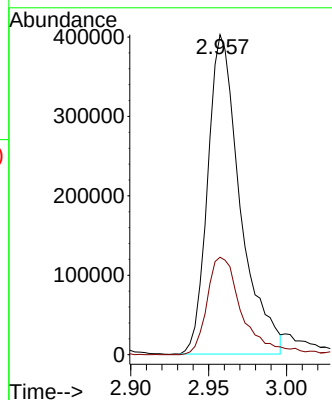
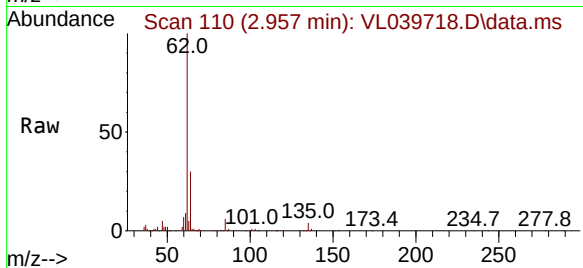
#5
 Vinyl Chloride
 Concen: 8.989 ppbv
 RT: 2.957 min Scan# 110
 Delta R.T. 0.017 min
 Lab File: VL039718.D
 Acq: 17 Oct 2022 13:20

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 62 Resp: 58398
 Ion Ratio Lower Upper
 62 100
 64 30.5 24.6 36.8

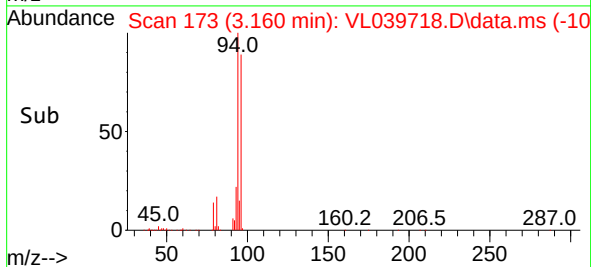
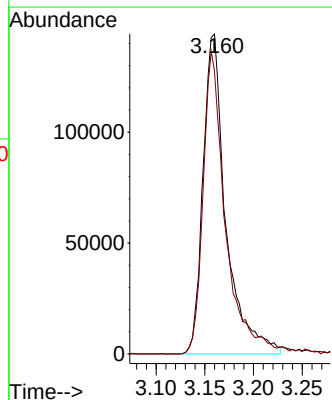
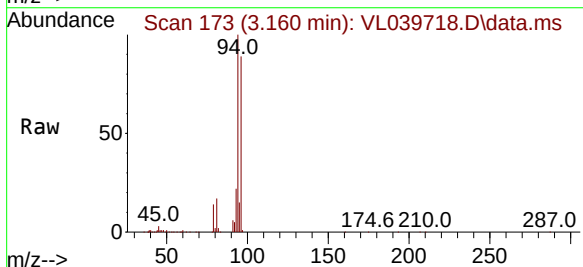
Manual Integrations
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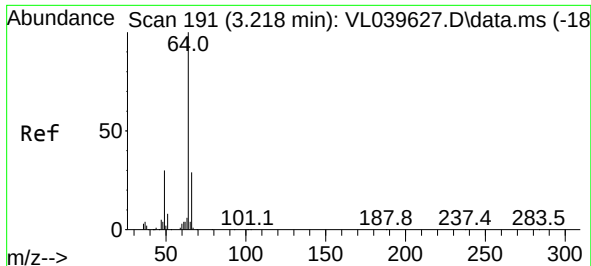
Reviewed By :Semsettin Yesilyurt 10/19/2022
 Supervised By :Mahesh Dadoda 10/19/2022



#6
 Bromomethane
 Concen: 9.841 ppbv
 RT: 3.160 min Scan# 173
 Delta R.T. 0.023 min
 Lab File: VL039718.D
 Acq: 17 Oct 2022 13:20

Tgt Ion: 94 Resp: 235788
 Ion Ratio Lower Upper
 94 100
 96 88.6 75.6 113.4





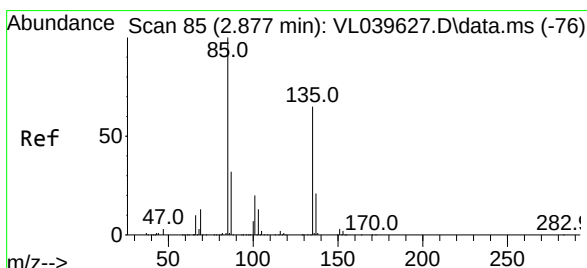
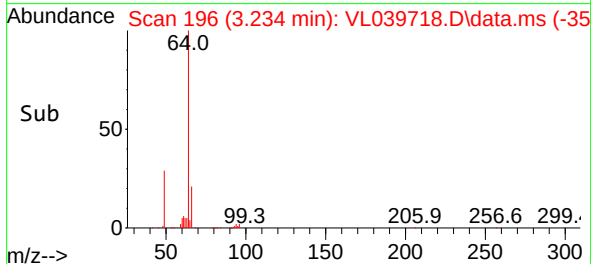
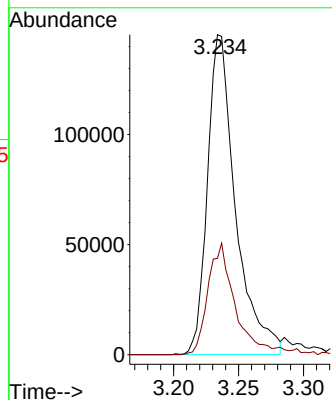
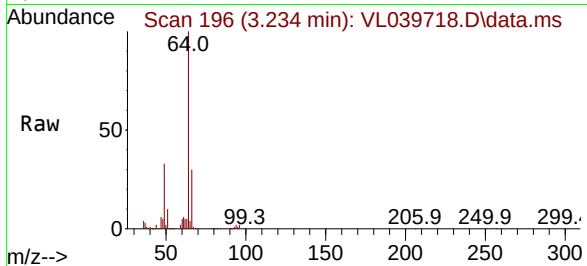
#7
Chloroethane
Concen: 9.176 ppbv
RT: 3.234 min Scan# 19
Delta R.T. 0.017 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 64 Resp: 21802
Ion Ratio Lower Upper
64 100
66 30.1 24.7 37.1

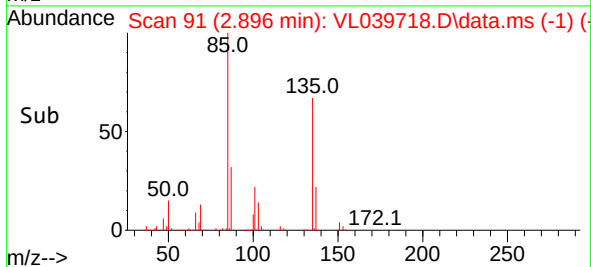
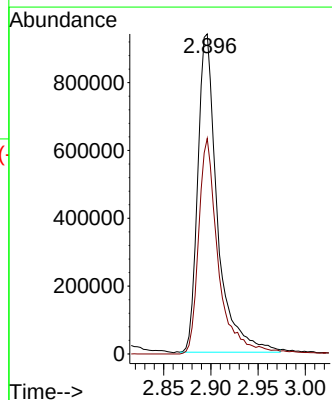
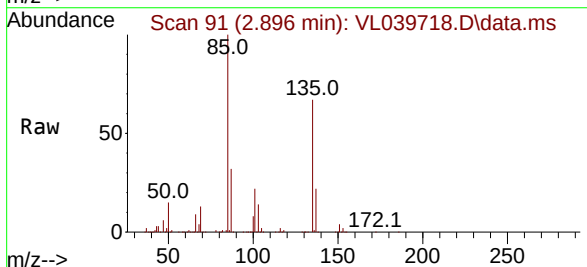
Manual Integrations
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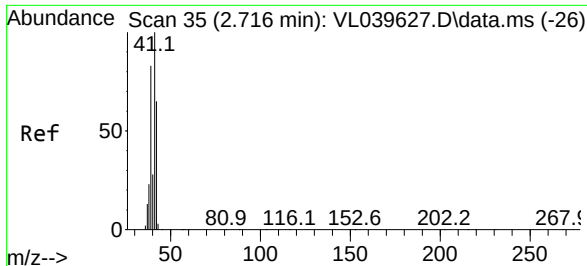
Reviewed By :Semsettin Yesilyurt 10/19/2022
Supervised By :Mahesh Dadoda 10/19/2022



#8
Dichlorotetrafluoroethane
Concen: 8.960 ppbv
RT: 2.896 min Scan# 91
Delta R.T. 0.020 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

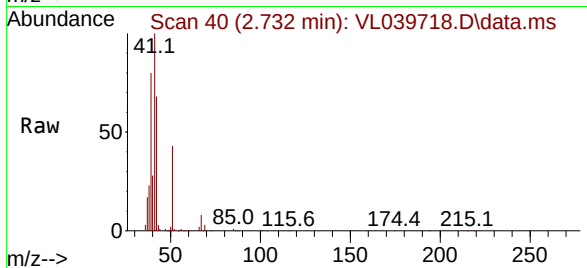
Tgt Ion: 85 Resp: 1356084
Ion Ratio Lower Upper
85 100
135 69.1 59.0 88.4





#9
 Propene
 Concen: 8.886 ppbv
 RT: 2.732 min Scan# 40
 Delta R.T. 0.017 min
 Lab File: VL039718.D
 Acq: 17 Oct 2022 13:20

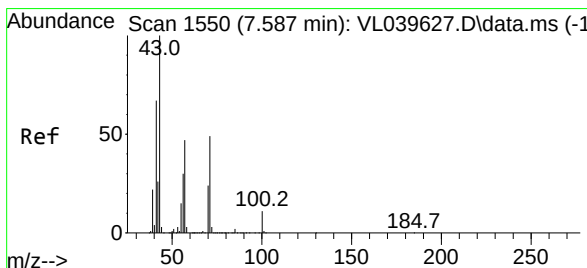
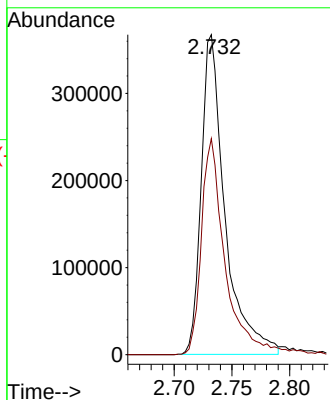
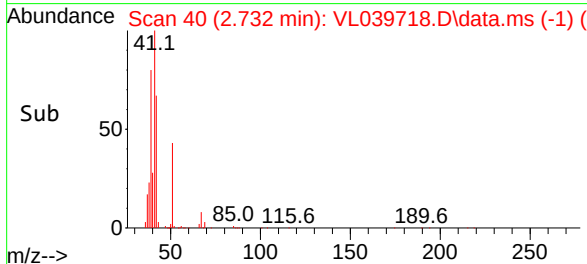
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



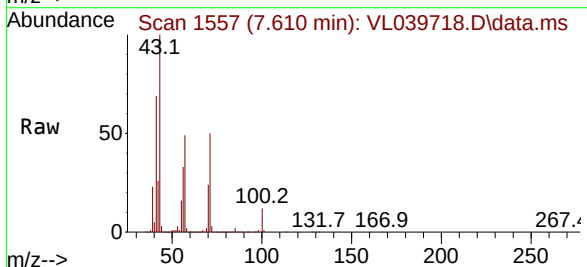
Tgt Ion: 41 Resp: 52419
 Ion Ratio Lower Upper
 41 100
 42 68.8 55.2 82.8

Manual Integrations
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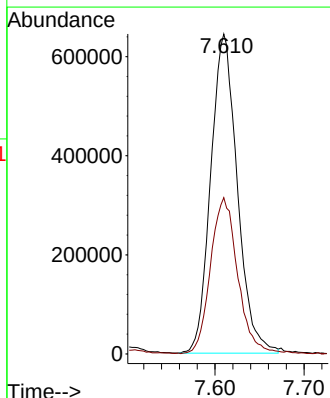
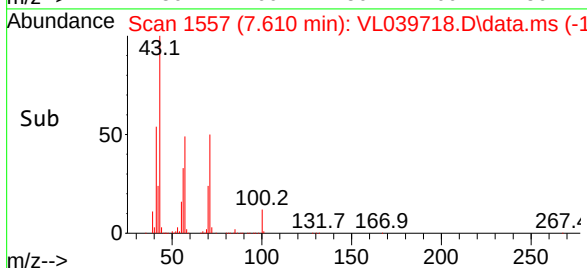
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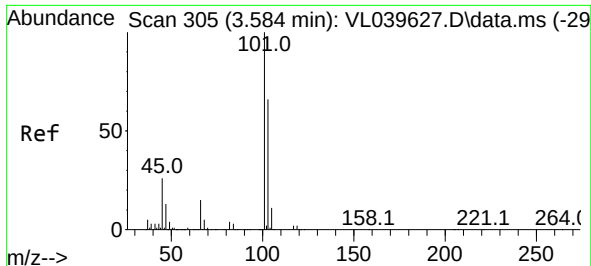


#10
 Heptane
 Concen: 9.707 ppbv
 RT: 7.610 min Scan# 1557
 Delta R.T. 0.023 min
 Lab File: VL039718.D
 Acq: 17 Oct 2022 13:20



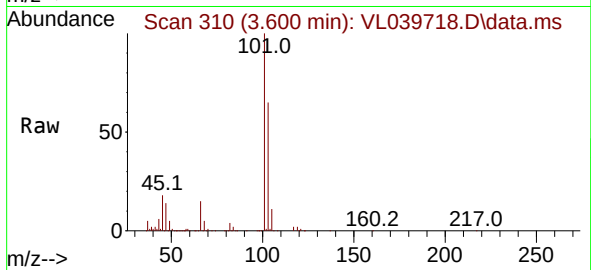
Tgt Ion: 43 Resp: 1336256
 Ion Ratio Lower Upper
 43 100
 57 50.1 40.5 60.7





#11
Trichlorofluoromethane
Concen: 9.340 ppbv
RT: 3.600 min Scan# 310
Delta R.T. 0.020 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

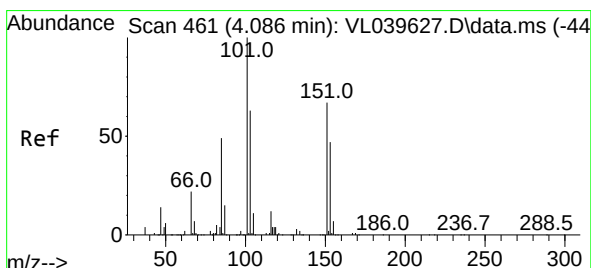
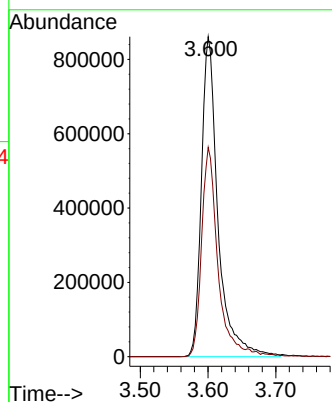
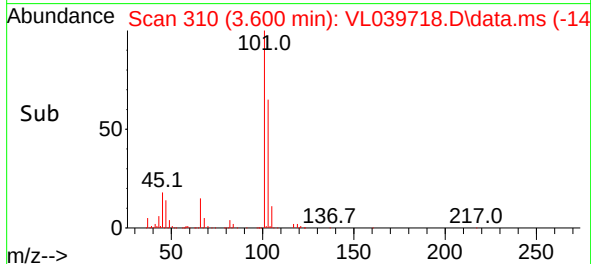
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



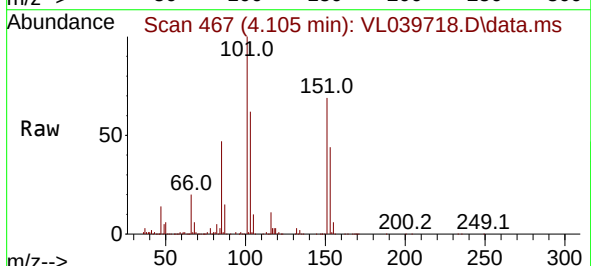
Tgt Ion:101 Resp: 145953
Ion Ratio Lower Upper
101 100
103 65.4 51.8 77.8

Manual Integrations
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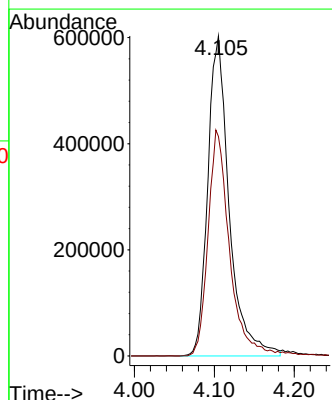
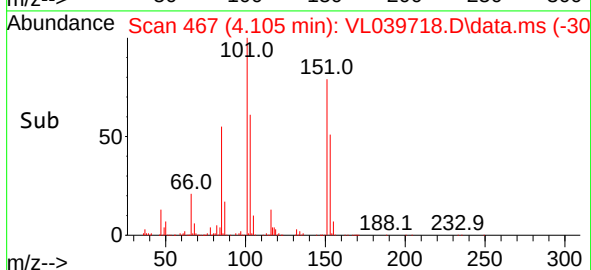
Reviewed By :Semsettin Yesilyurt 10/19/2022
Supervised By :Mahesh Dadoda 10/19/2022

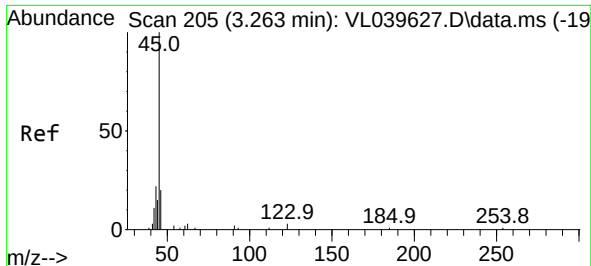


#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.533 ppbv
RT: 4.105 min Scan# 467
Delta R.T. 0.023 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20



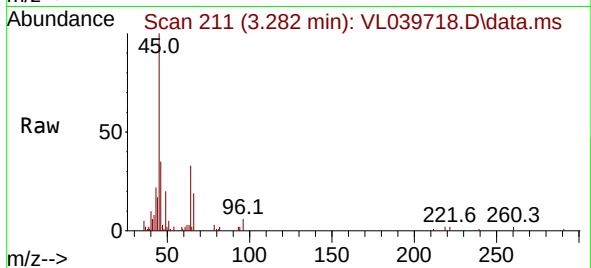
Tgt Ion:101 Resp: 1125169
Ion Ratio Lower Upper
101 100
151 71.6 58.9 88.3





#13
Ethanol
Concen: 8.988 ppbv m
RT: 3.282 min Scan# 211
Delta R.T. 0.023 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

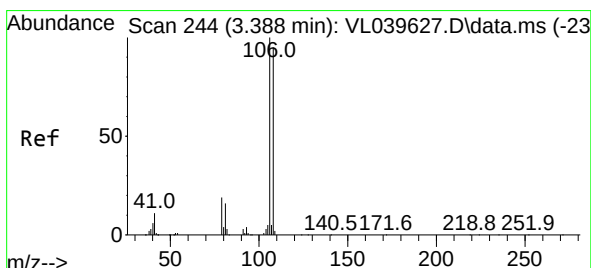
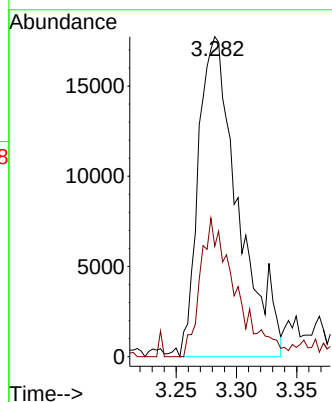
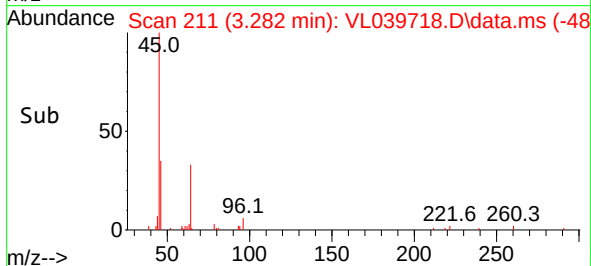
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



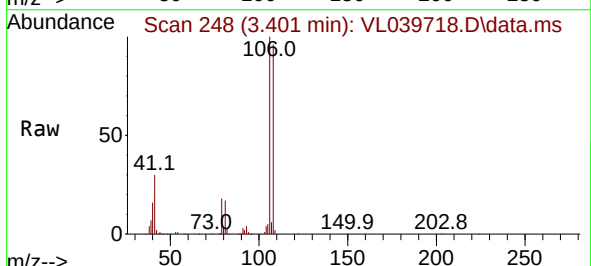
Tgt Ion: 45 Resp: 40398
Ion Ratio Lower Upper
45 100
46 38.2 22.8 91.2

Manual Integrations
APPROVED

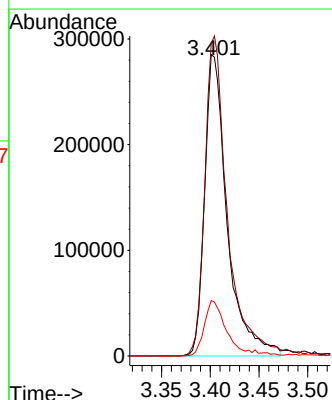
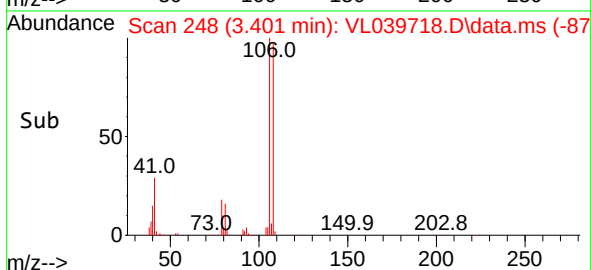
Reviewed By :Semsettin Yesilyurt 10/19/2022
Supervised By :Mahesh Dadoda 10/19/2022

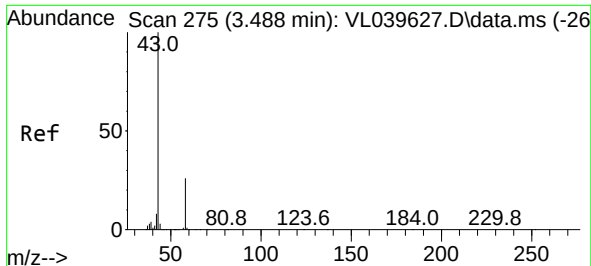


#14
Bromoethene
Concen: 9.711 ppbv
RT: 3.401 min Scan# 248
Delta R.T. 0.017 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20



Tgt Ion:108 Resp: 457570
Ion Ratio Lower Upper
108 100
106 109.1 87.1 130.7
79 18.6 14.6 22.0





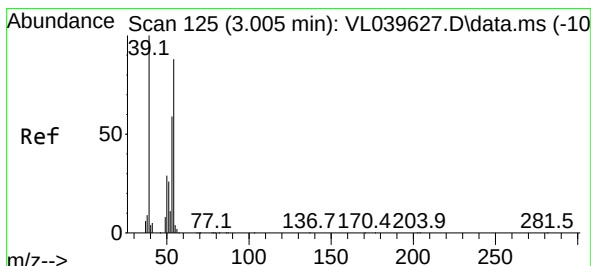
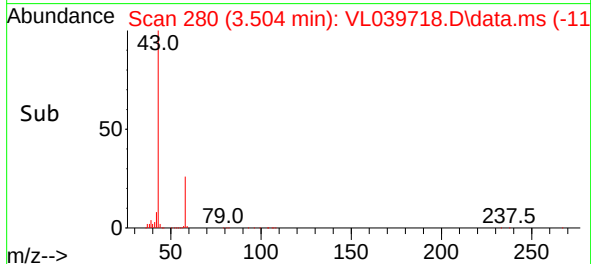
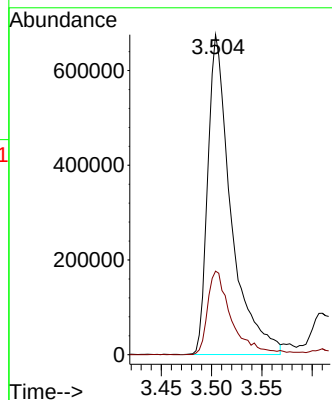
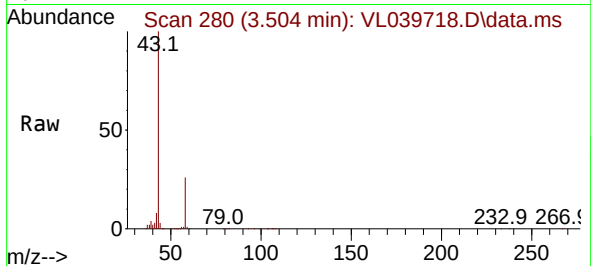
#15
Acetone
Concen: 8.952 ppbv
RT: 3.504 min Scan# 21
Delta R.T. 0.020 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 108417
Ion Ratio Lower Upper
43 100
58 27.2 21.0 31.6

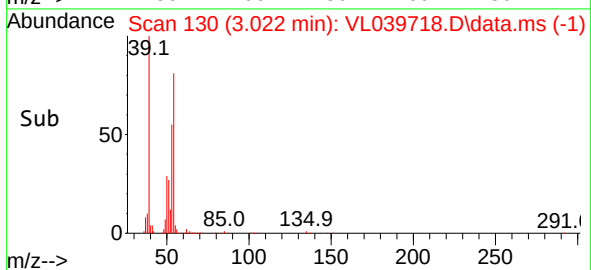
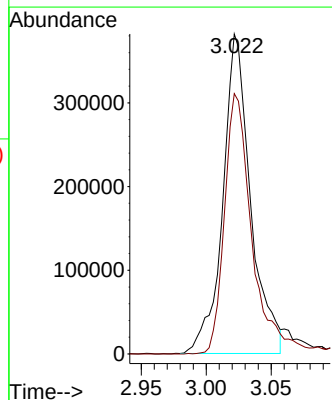
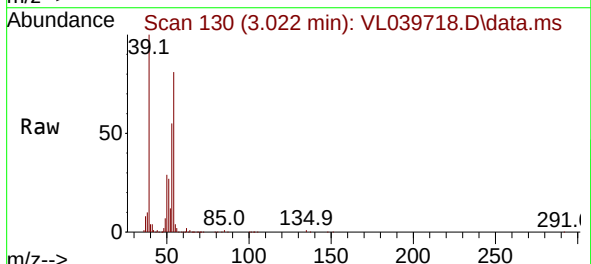
Manual Integrations
APPROVED

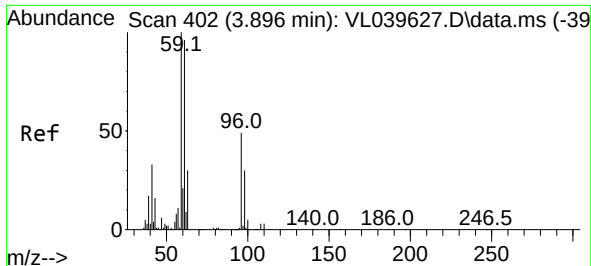
Reviewed By :Semsettin Yesilyurt 10/19/2022
Supervised By :Mahesh Dadoda 10/19/2022



#16
1,3-Butadiene
Concen: 9.239 ppbv
RT: 3.022 min Scan# 130
Delta R.T. 0.017 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

Tgt Ion: 39 Resp: 567652
Ion Ratio Lower Upper
39 100
54 83.2 63.7 95.5





#17

tert-Butyl alcohol

Concen: 9.002 ppbv

RT: 3.915 min Scan# 408

Delta R.T. 0.023 min

Lab File: VL039718.D

Acq: 17 Oct 2022 13:20

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 59 Resp: 97845

Ion Ratio Lower Upper

59 100

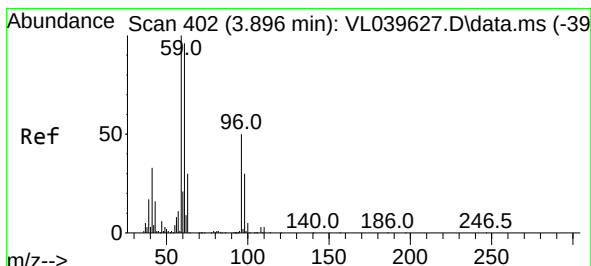
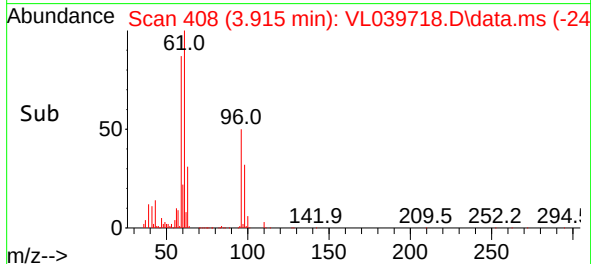
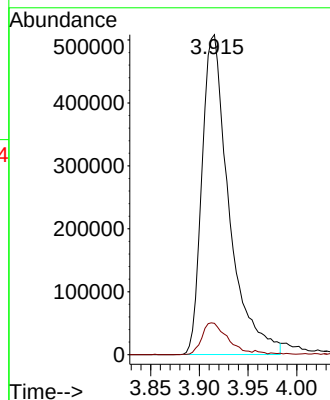
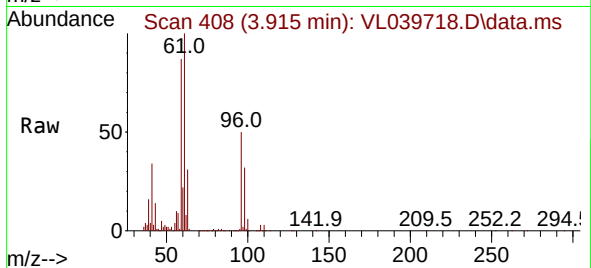
57 10.3 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/19/2022

Supervised By :Mahesh Dadoda 10/19/2022



#18

1,1-Dichloroethene

Concen: 9.498 ppbv

RT: 3.915 min Scan# 408

Delta R.T. 0.017 min

Lab File: VL039718.D

Acq: 17 Oct 2022 13:20

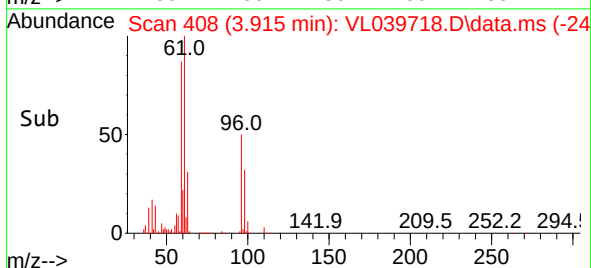
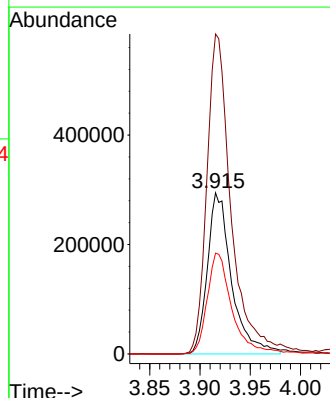
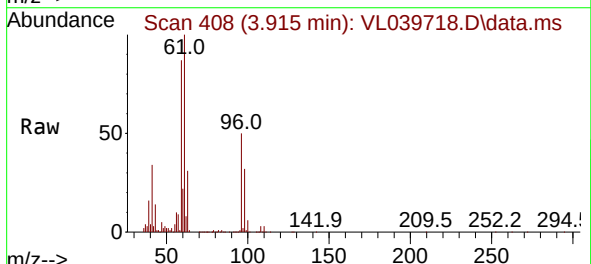
Tgt Ion: 96 Resp: 493244

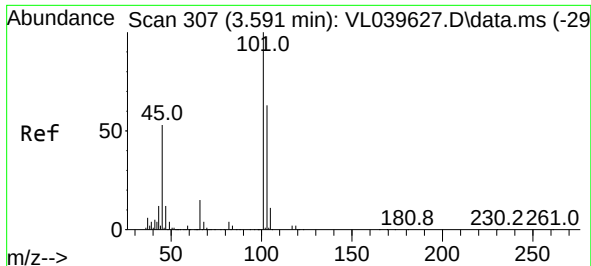
Ion Ratio Lower Upper

96 100

61 198.5 152.2 228.4

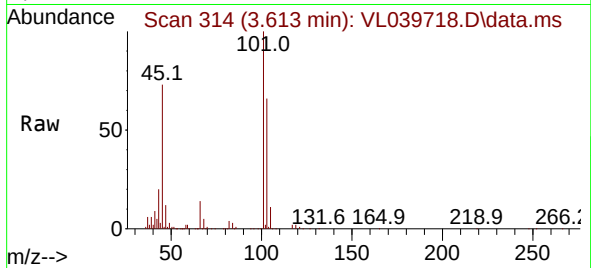
98 62.6 51.8 77.6





#19
Isopropyl Alcohol
Concen: 9.157 ppbv m
RT: 3.613 min Scan# 314
Delta R.T. 0.023 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

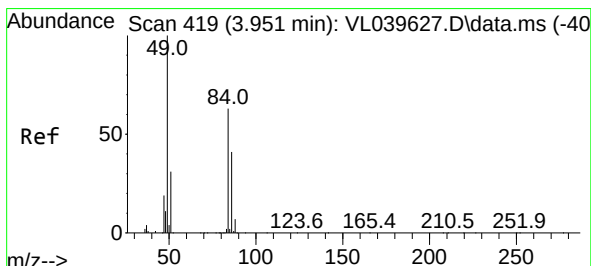
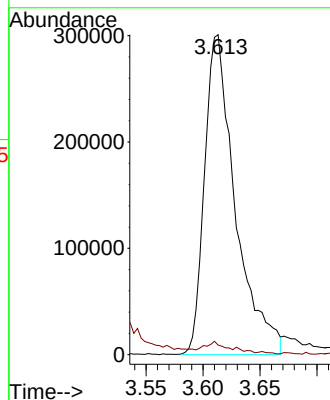
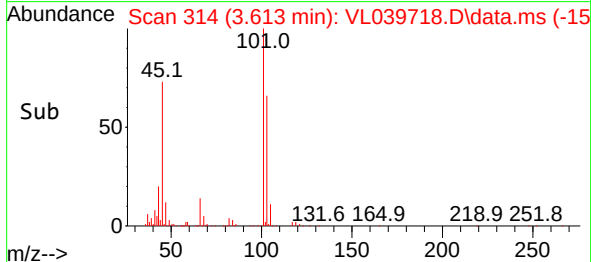
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



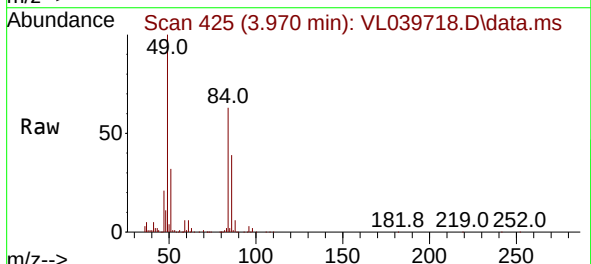
Tgt Ion: 45 Resp: 565300
Ion Ratio Lower Upper
45 100
58 4.6 3.2 4.8

Manual Integrations
APPROVED

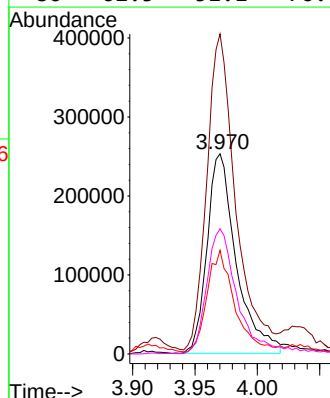
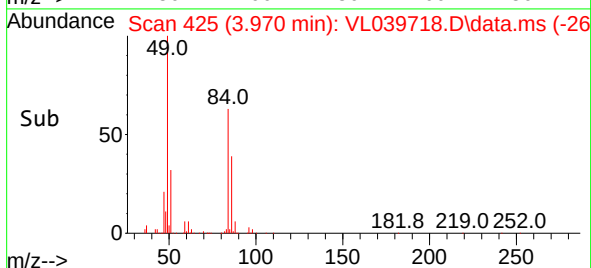
Reviewed By :Semsettin Yesilyurt 10/19/2022
Supervised By :Mahesh Dadoda 10/19/2022

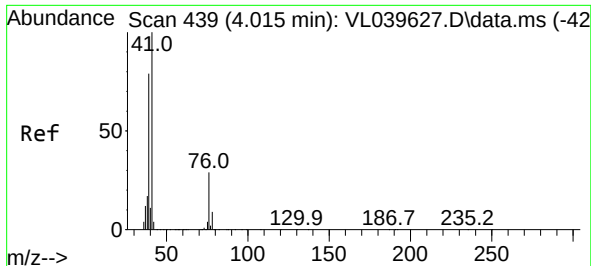


#20
Methylene Chloride
Concen: 7.366 ppbv
RT: 3.970 min Scan# 425
Delta R.T. 0.023 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20



Tgt Ion: 84 Resp: 412463
Ion Ratio Lower Upper
84 100
49 158.1 123.1 184.7
51 50.8 34.4 51.6
86 62.5 51.1 76.7





#21

Allyl Chloride

Concen: 9.767 ppbv

RT: 4.034 min Scan# 445

Delta R.T. 0.020 min

Lab File: VL039718.D

Acq: 17 Oct 2022 13:20

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

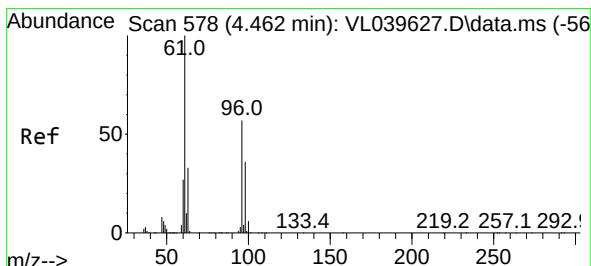
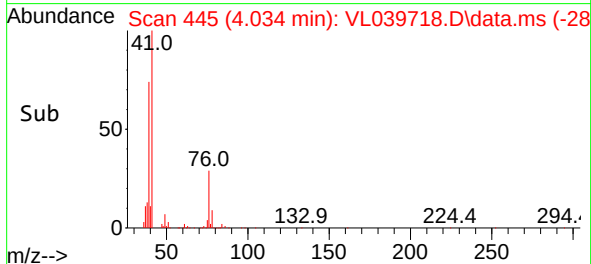
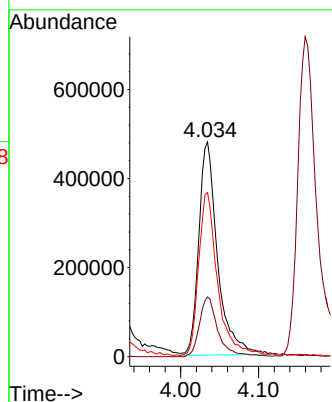
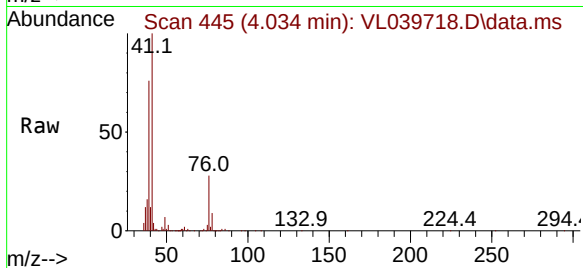
Tgt Ion: 41 Resp: 80550

Ion	Ratio	Lower	Upper
41	100		
76	27.6	24.4	36.6
39	77.2	63.5	95.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/19/2022
Supervised By :Mahesh Dadoda 10/19/2022



#22

trans-1,2-Dichloroethene

Concen: 10.094 ppbv

RT: 4.481 min Scan# 584

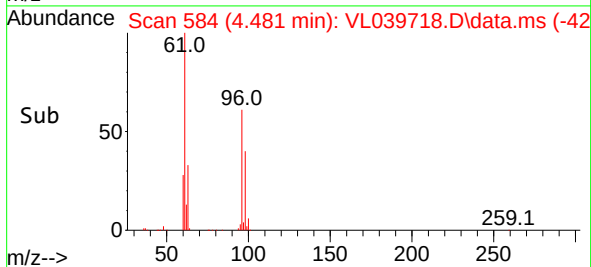
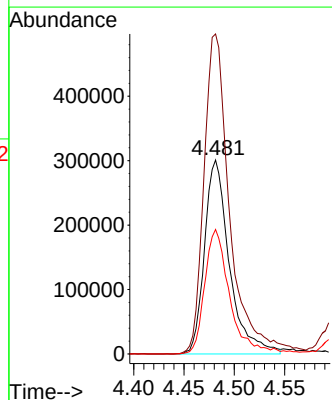
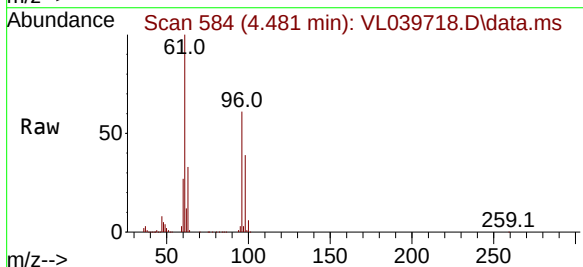
Delta R.T. 0.023 min

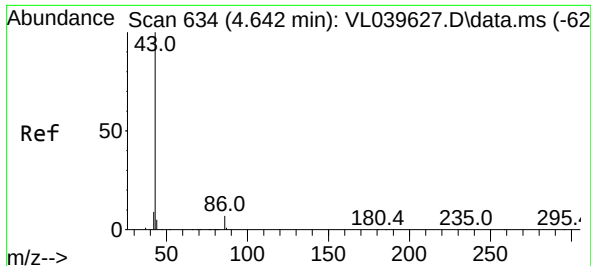
Lab File: VL039718.D

Acq: 17 Oct 2022 13:20

Tgt Ion: 96 Resp: 518541

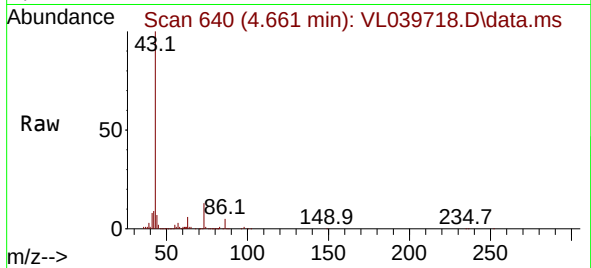
Ion	Ratio	Lower	Upper
96	100		
61	164.7	130.6	195.8
98	64.0	53.4	80.0





#23
 Vinyl Acetate
 Concen: 9.440 ppbv m
 RT: 4.661 min Scan# 640
 Delta R.T. 0.023 min
 Lab File: VL039718.D
 Acq: 17 Oct 2022 13:20

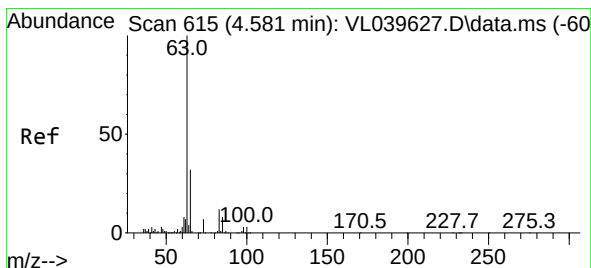
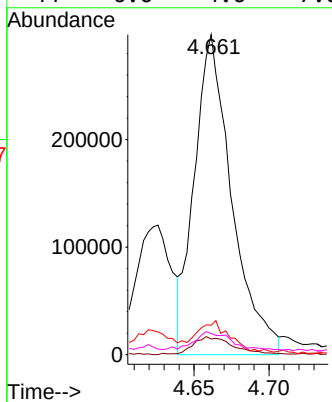
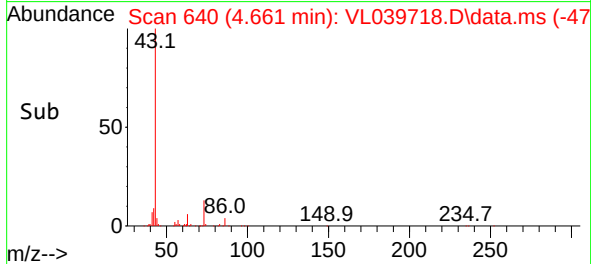
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



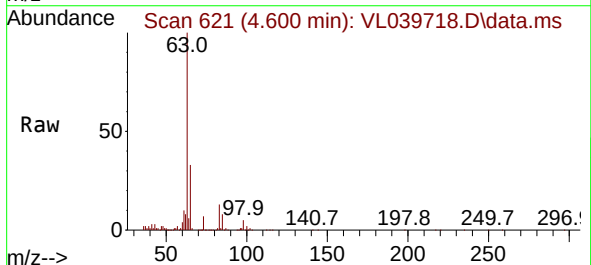
Tgt Ion: 43 Resp: 51684
 Ion Ratio Lower Upper
 43 100
 86 4.9 5.0 7.6
 42 9.2 7.7 11.5
 44 6.6 4.6 7.0

Manual Integrations
 APPROVED

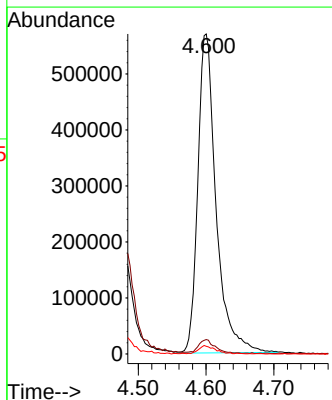
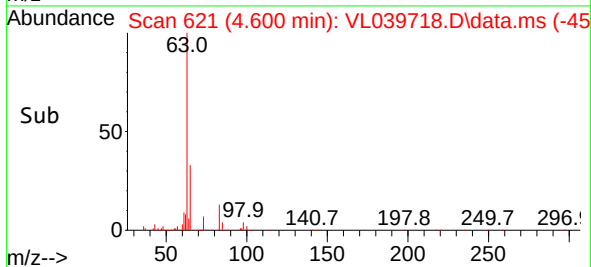
Reviewed By :Semsettin Yesilyurt 10/19/2022
 Supervised By :Mahesh Dadoda 10/19/2022

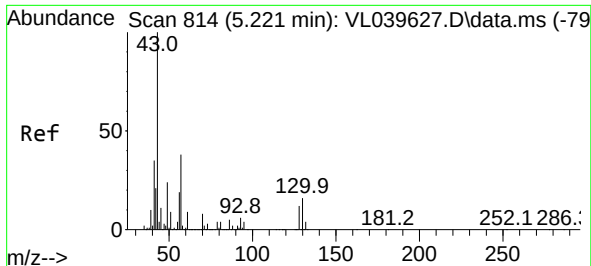


#24
 1,1-Dichloroethane
 Concen: 9.779 ppbv
 RT: 4.600 min Scan# 621
 Delta R.T. 0.020 min
 Lab File: VL039718.D
 Acq: 17 Oct 2022 13:20



Tgt Ion: 63 Resp: 1066184
 Ion Ratio Lower Upper
 63 100
 98 4.3 1.8 5.3
 100 2.4 1.5 4.4





#25

Ethyl Acetate

Concen: 9.120 ppbv

RT: 5.240 min Scan# 81

Delta R.T. 0.023 min

Lab File: VL039718.D

Acq: 17 Oct 2022 13:20

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 43 Resp: 240856

Ion Ratio Lower Upper

43 100

45 10.4 8.2 12.4

61 9.4 8.3 12.5

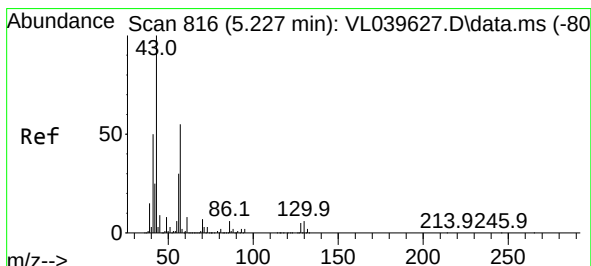
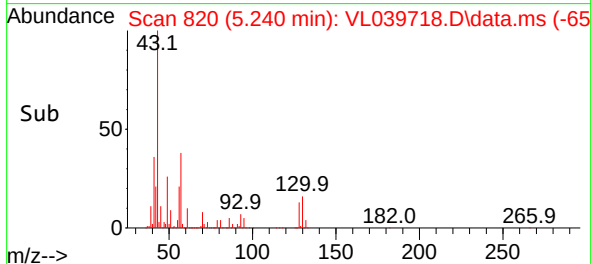
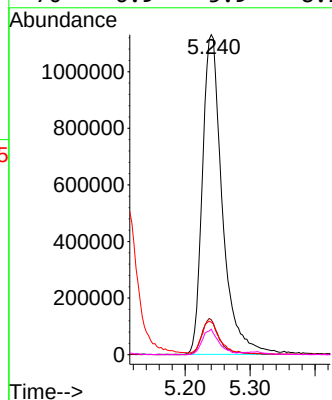
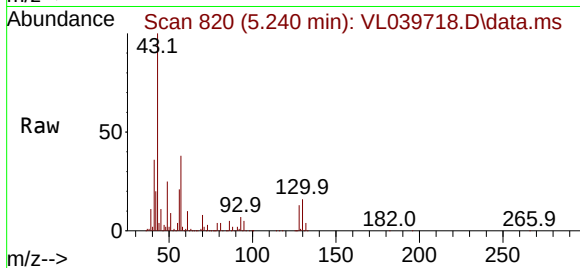
70 6.9 5.9 8.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/19/2022

Supervised By :Mahesh Dadoda 10/19/2022



#26

Hexane

Concen: 8.800 ppbv

RT: 5.247 min Scan# 822

Delta R.T. 0.023 min

Lab File: VL039718.D

Acq: 17 Oct 2022 13:20

Tgt Ion: 57 Resp: 986238

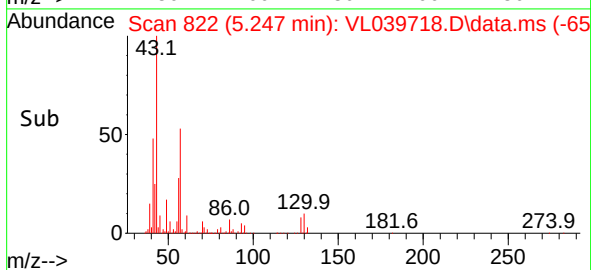
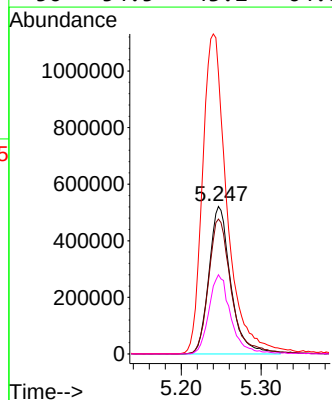
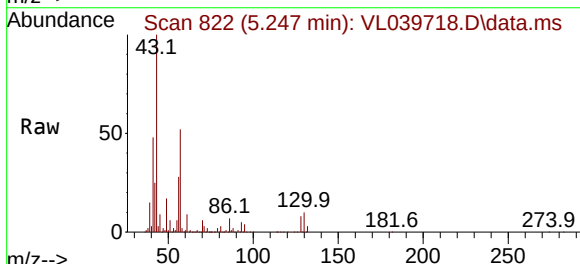
Ion Ratio Lower Upper

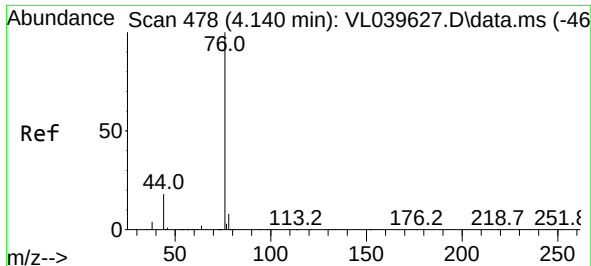
57 100

41 96.5 76.9 115.3

43 246.4 191.0 286.6

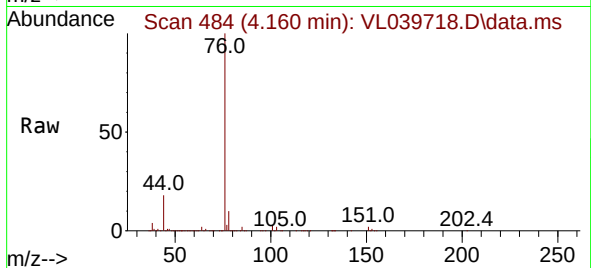
56 54.5 43.2 64.8





#27
Carbon Disulfide
Concen: 10.649 ppbv
RT: 4.160 min Scan# 41
Delta R.T. 0.020 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

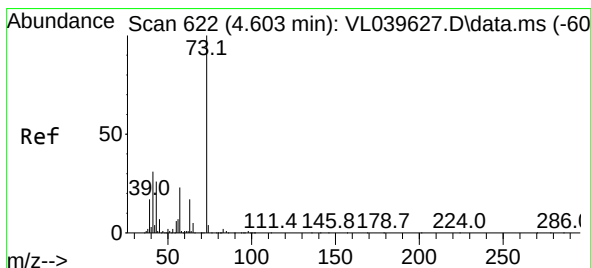
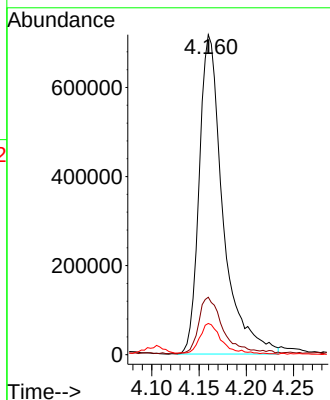
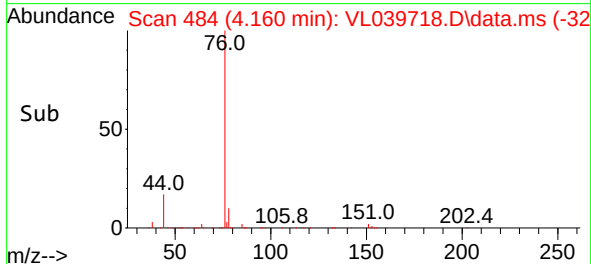
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



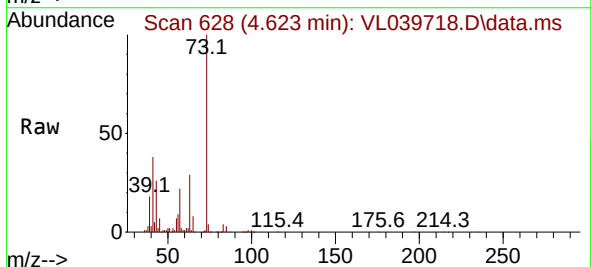
Tgt Ion: 76 Resp: 125418
Ion Ratio Lower Upper
76 100
44 18.8 14.6 21.8
78 10.0 7.8 11.6

Manual Integrations
APPROVED

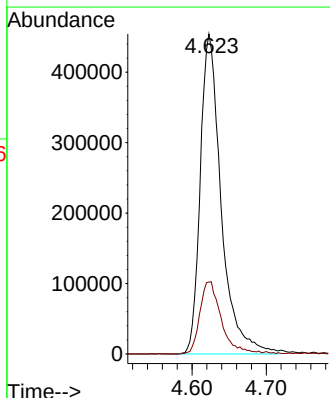
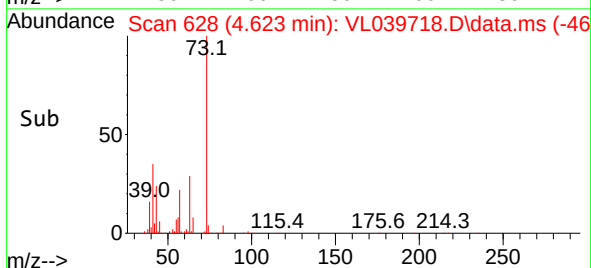
Reviewed By :Semsettin Yesilyurt 10/19/2022
Supervised By :Mahesh Dadoda 10/19/2022

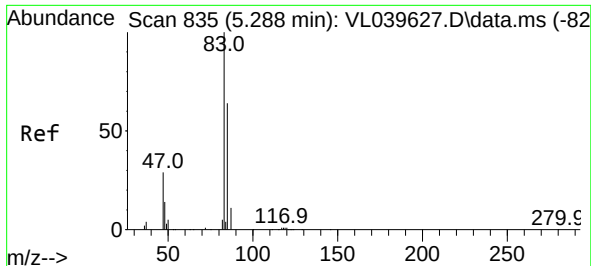


#28
Methyl tert-Butyl Ether
Concen: 9.440 ppbv
RT: 4.623 min Scan# 628
Delta R.T. 0.020 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20



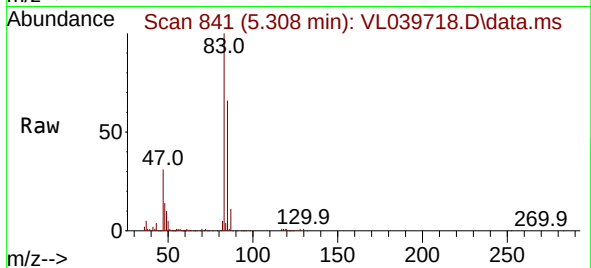
Tgt Ion: 73 Resp: 888815
Ion Ratio Lower Upper
73 100
57 23.5 19.8 29.8





#29
Chloroform
Concen: 9.430 ppbv
RT: 5.308 min Scan# 841
Delta R.T. 0.023 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

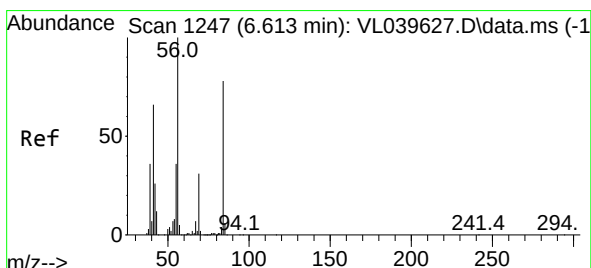
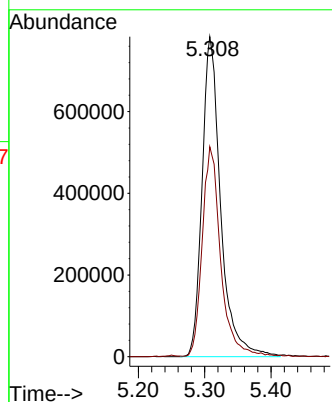
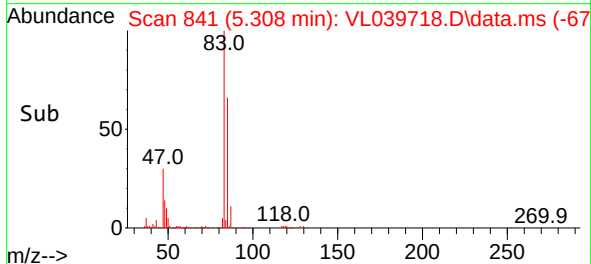
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 83 Resp: 152567
Ion Ratio Lower Upper
83 100
85 65.4 52.8 79.2

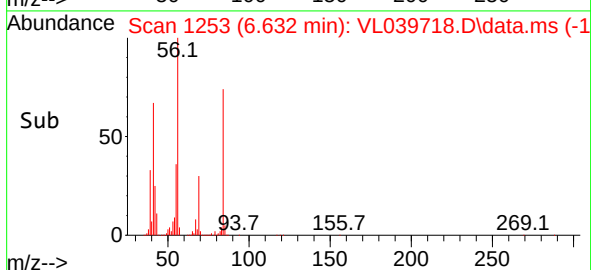
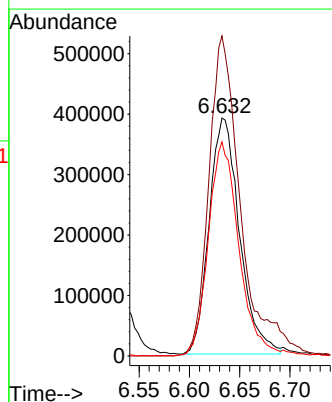
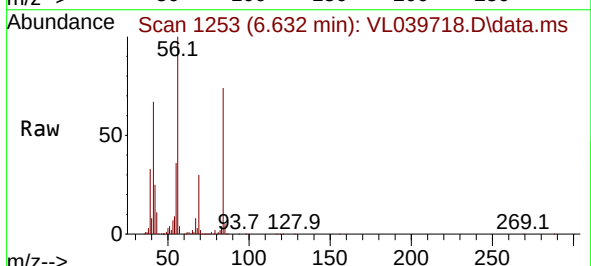
Manual Integrations
APPROVED

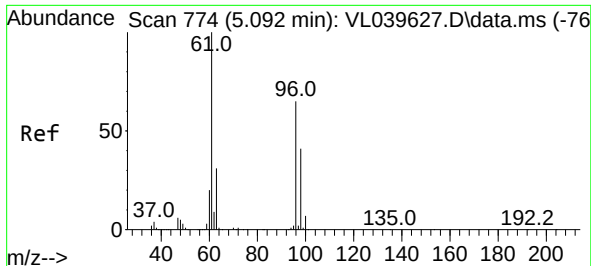
Reviewed By :Semsettin Yesilyurt 10/19/2022
Supervised By :Mahesh Dadoda 10/19/2022



#30
Cyclohexane
Concen: 9.462 ppbv
RT: 6.632 min Scan# 1253
Delta R.T. 0.026 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

Tgt Ion: 84 Resp: 821152
Ion Ratio Lower Upper
84 100
56 143.0 107.7 161.5
41 92.1 67.7 101.5





#31
 cis-1,2-Dichloroethene
 Concen: 9.407 ppbv
 RT: 5.111 min Scan# 774
 Delta R.T. 0.020 min
 Lab File: VL039718.D
 Acq: 17 Oct 2022 13:20

Instrument :

MSVOA_L

ClientSampleId :

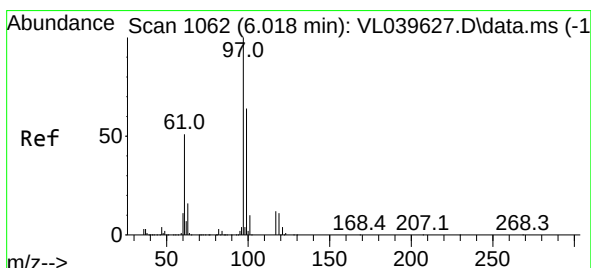
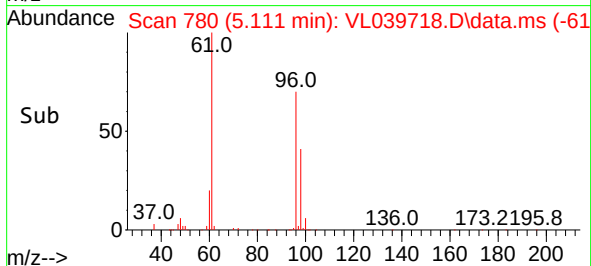
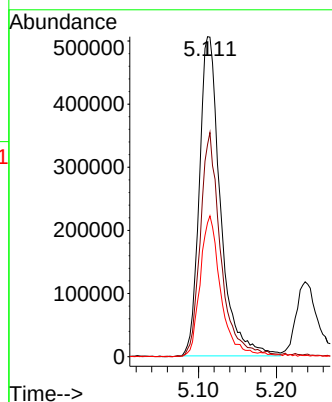
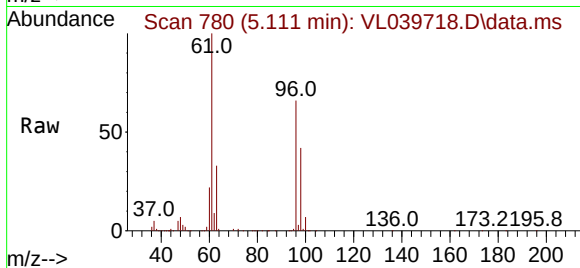
VSTDCCC010

Tgt Ion: 61 Resp: 953536
 Ion Ratio Lower Upper
 61 100
 96 66.4 54.1 81.1
 98 41.8 34.6 52.0

Manual Integrations

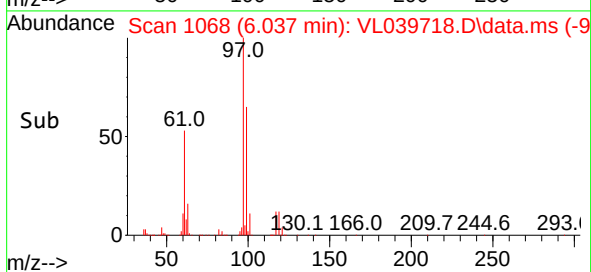
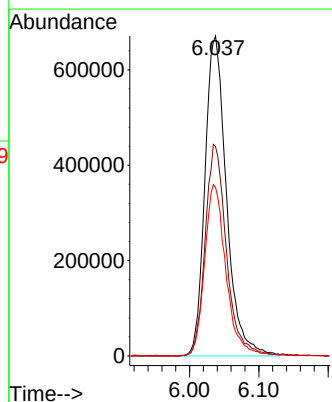
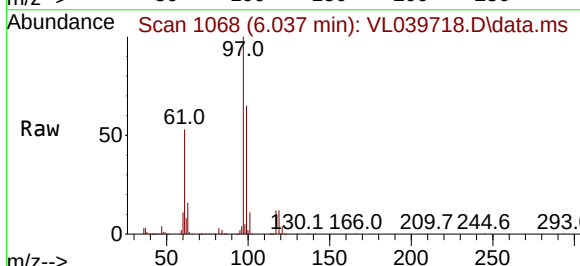
APPROVED

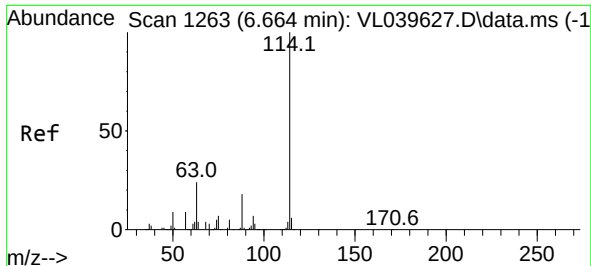
Reviewed By :Semsettin Yesilyurt 10/19/2022
 Supervised By :Mahesh Dadoda 10/19/2022



#32
 1,1,1-Trichloroethane
 Concen: 9.888 ppbv
 RT: 6.037 min Scan# 1068
 Delta R.T. 0.023 min
 Lab File: VL039718.D
 Acq: 17 Oct 2022 13:20

Tgt Ion: 97 Resp: 1448272
 Ion Ratio Lower Upper
 97 100
 99 65.5 52.3 78.5
 61 53.6 40.9 61.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.687 min Scan# 114

Delta R.T. 0.026 min

Lab File: VL039718.D

Acq: 17 Oct 2022 13:20

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:114 Resp: 2866750

Ion Ratio Lower Upper

114 100

63 24.8 20.2 30.4

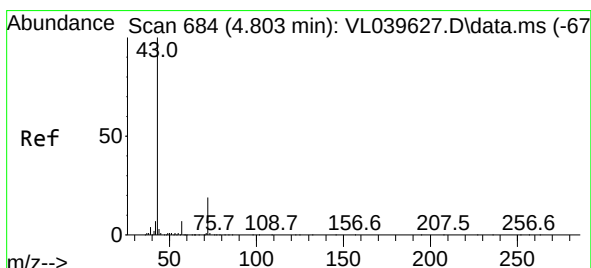
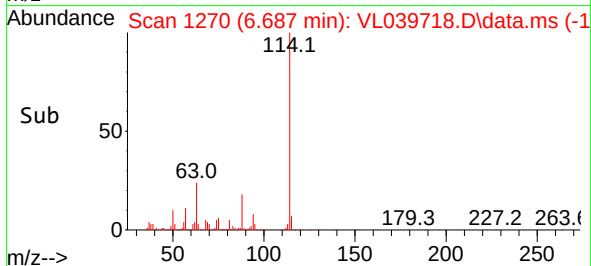
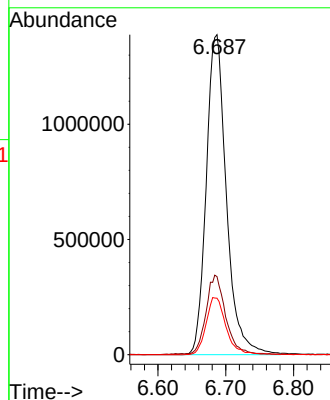
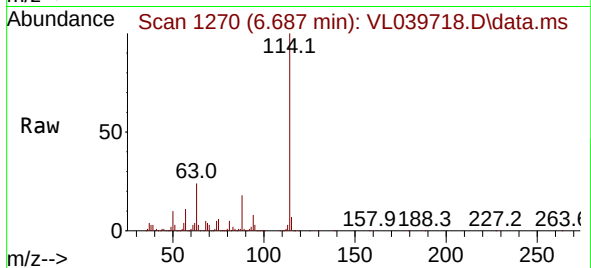
88 17.7 14.5 21.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/19/2022

Supervised By :Mahesh Dadoda 10/19/2022



#34

2-Butanone

Concen: 8.723 ppbv

RT: 4.822 min Scan# 690

Delta R.T. 0.020 min

Lab File: VL039718.D

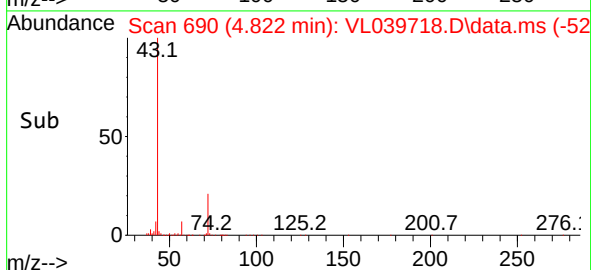
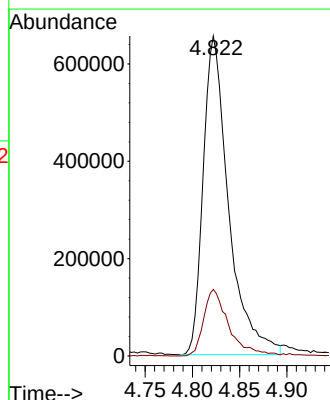
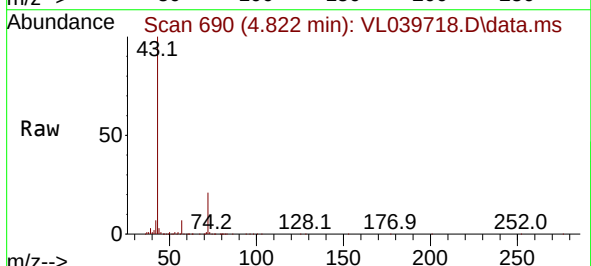
Acq: 17 Oct 2022 13:20

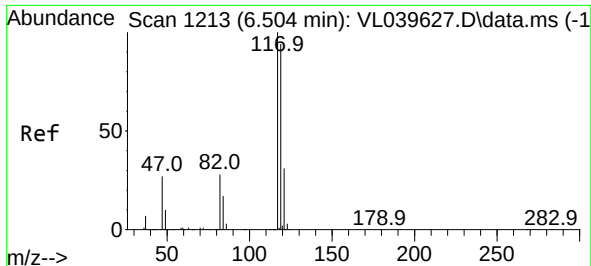
Tgt Ion: 43 Resp: 1228230

Ion Ratio Lower Upper

43 100

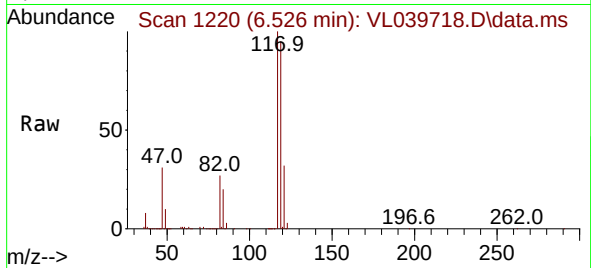
72 21.3 17.9 26.9





#35
Carbon Tetrachloride
Concen: 10.089 ppbv
RT: 6.526 min Scan# 1180
Delta R.T. 0.026 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

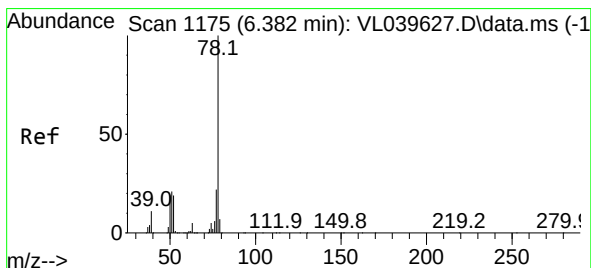
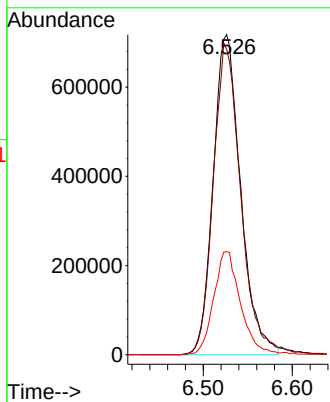
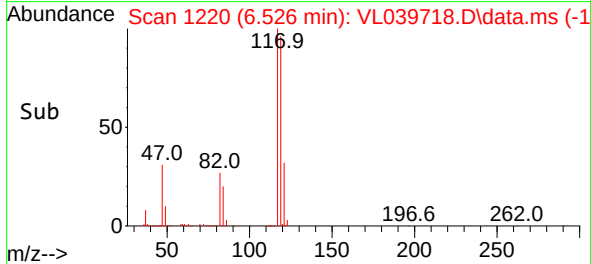
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



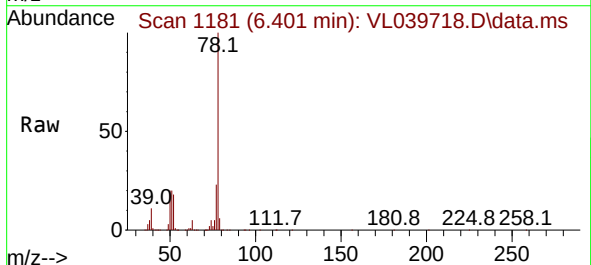
Tgt Ion:117 Resp: 153534
Ion Ratio Lower Upper
117 100
119 95.4 75.4 113.2
121 32.2 24.2 36.2

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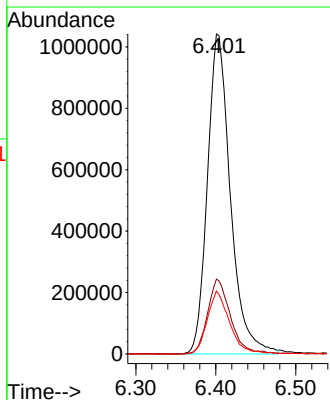
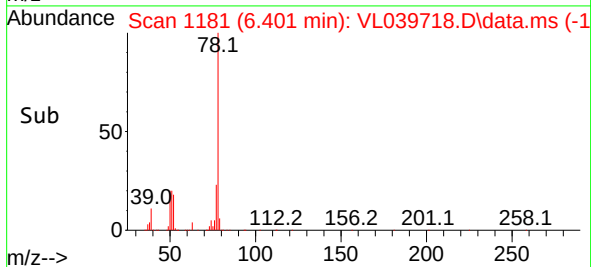
Reviewed By :Semsettin Yesilyurt 10/19/2022
Supervised By :Mahesh Dadoda 10/19/2022

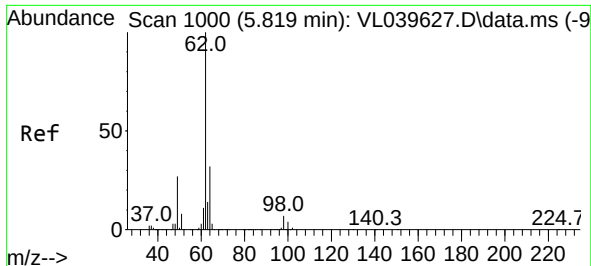


#36
Benzene
Concen: 9.494 ppbv
RT: 6.401 min Scan# 1181
Delta R.T. 0.023 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20



Tgt Ion: 78 Resp: 2080880
Ion Ratio Lower Upper
78 100
77 23.4 20.3 30.5
50 19.7 15.5 23.3





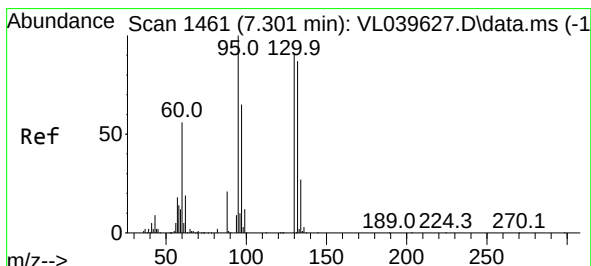
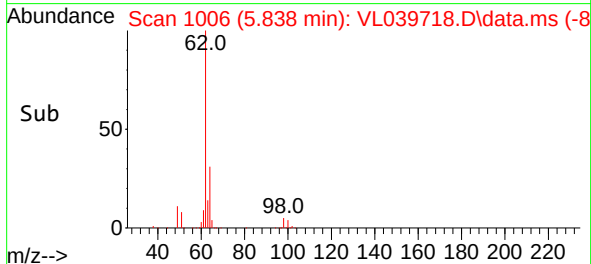
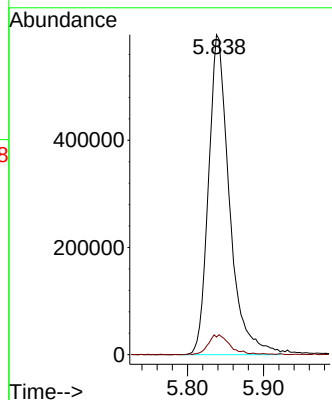
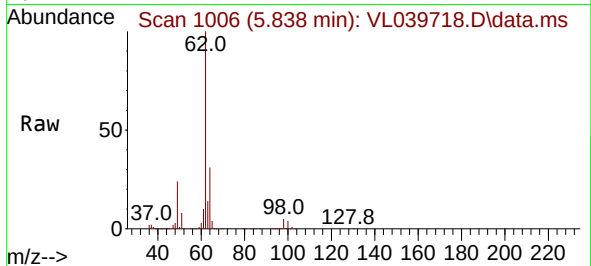
#37
1,2-Dichloroethane
Concen: 9.564 ppbv
RT: 5.838 min Scan# 1006
Delta R.T. 0.023 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 1140810
Ion Ratio Lower Upper
62 100
98 6.8 5.1 7.7

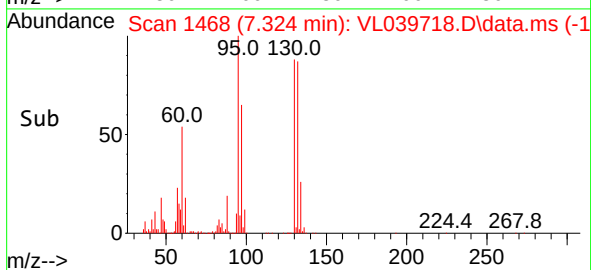
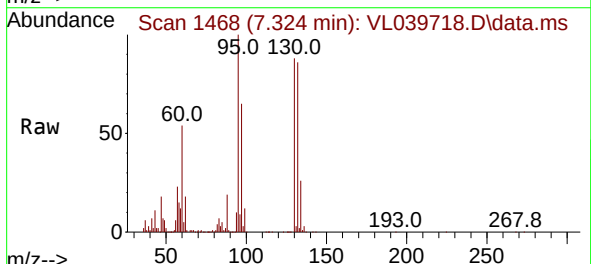
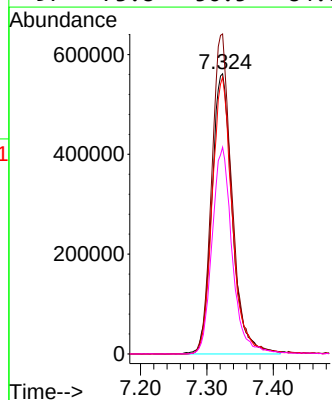
Manual Integrations
APPROVED

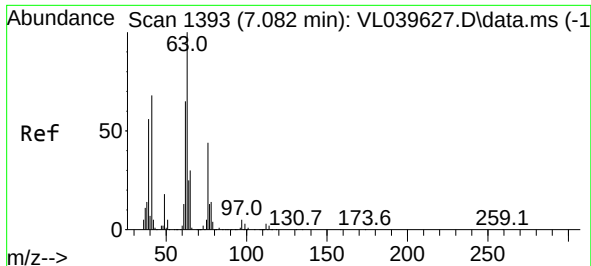
Reviewed By :Semsettin Yesilyurt 10/19/2022
Supervised By :Mahesh Dadoda 10/19/2022



#38
Trichloroethene
Concen: 10.210 ppbv
RT: 7.324 min Scan# 1468
Delta R.T. 0.023 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

Tgt Ion:130 Resp: 1209393
Ion Ratio Lower Upper
130 100
95 114.2 87.3 130.9
132 98.8 76.7 115.1
97 73.8 56.5 84.7





#39

1,2-Dichloropropane

Concen: 9.234 ppbv

RT: 7.105 min Scan# 1400

Delta R.T. 0.023 min

Lab File: VL039718.D

Acq: 17 Oct 2022 13:20

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

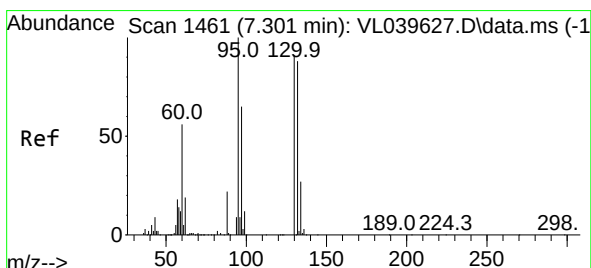
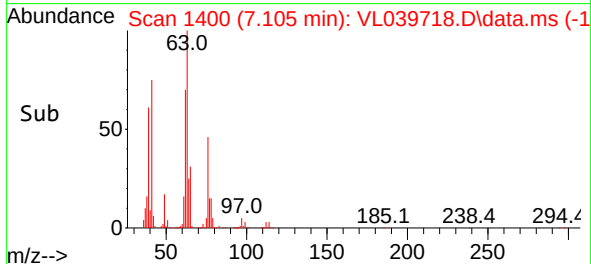
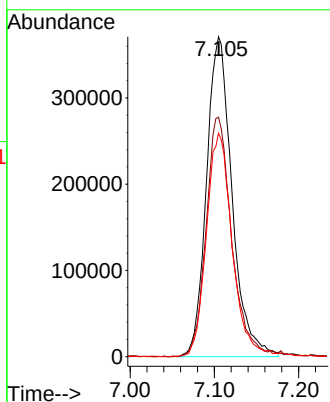
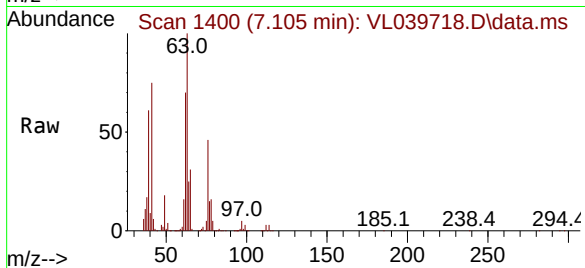
Tgt Ion: 63 Resp: 781450

Ion	Ratio	Lower	Upper
63	100		
41	74.7	59.6	89.4
62	69.7	51.4	77.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/19/2022
Supervised By :Mahesh Dadoda 10/19/2022



#40

1,4-Dioxane

Concen: 8.667 ppbv

RT: 7.320 min Scan# 1467

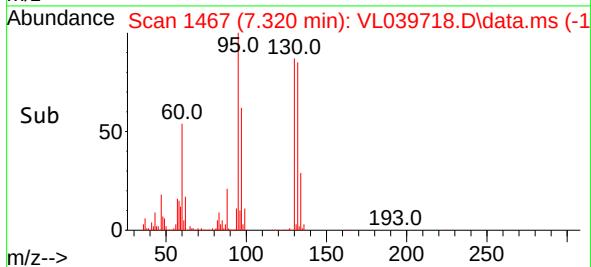
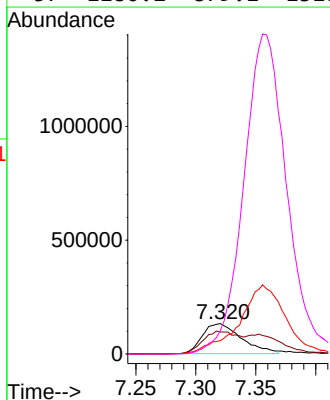
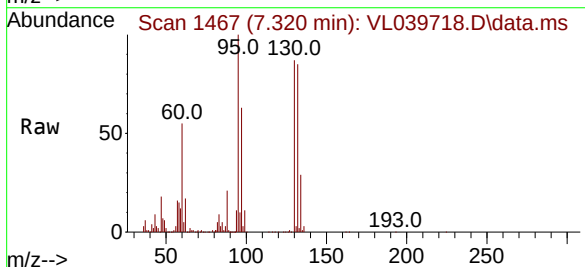
Delta R.T. 0.026 min

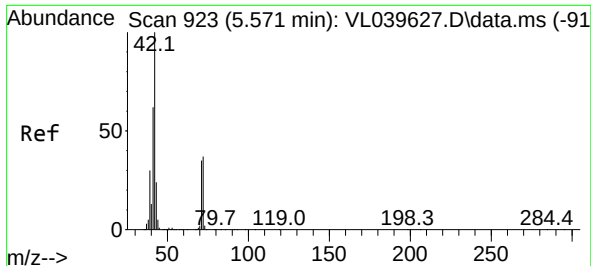
Lab File: VL039718.D

Acq: 17 Oct 2022 13:20

Tgt Ion: 88 Resp: 299502

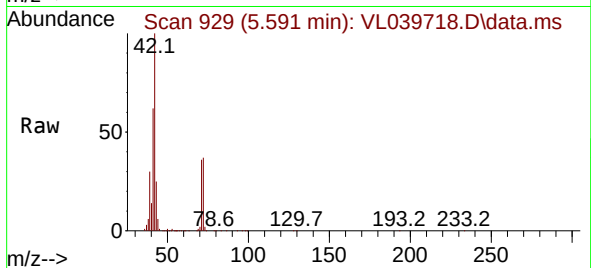
Ion	Ratio	Lower	Upper
88	100		
58	129.2	100.2	150.4
43	273.8	205.8	308.6
57	1180.2	879.1	1318.7





#41
Tetrahydrofuran
Concen: 9.697 ppbv
RT: 5.591 min Scan# 91
Delta R.T. 0.020 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

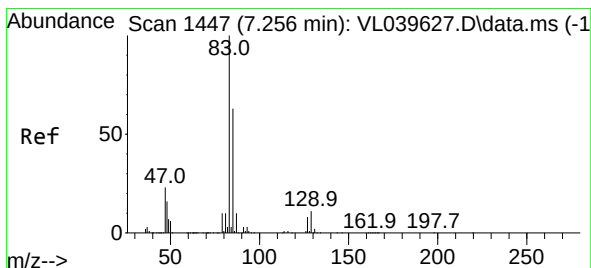
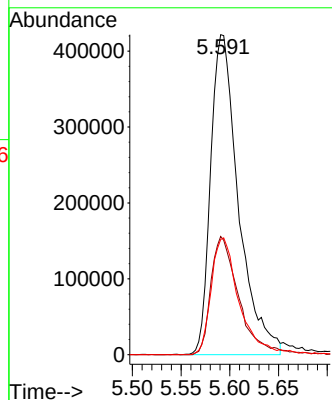
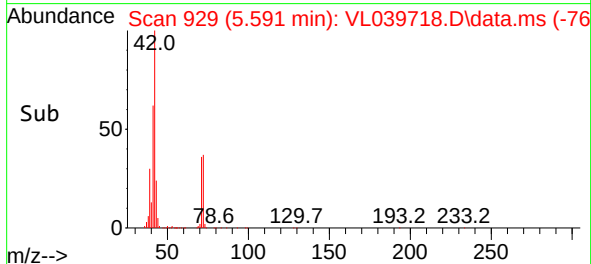
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 42 Resp: 837662
Ion Ratio Lower Upper
42 100
72 37.4 31.8 47.8
71 37.3 31.8 47.8

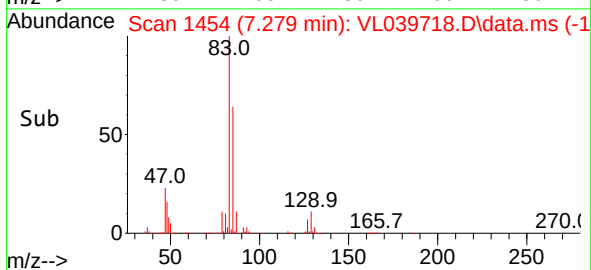
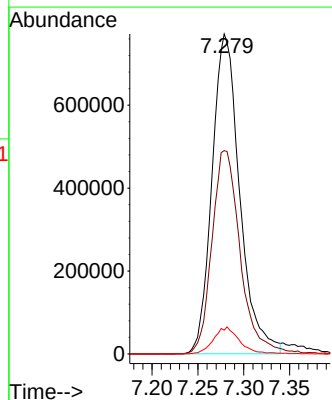
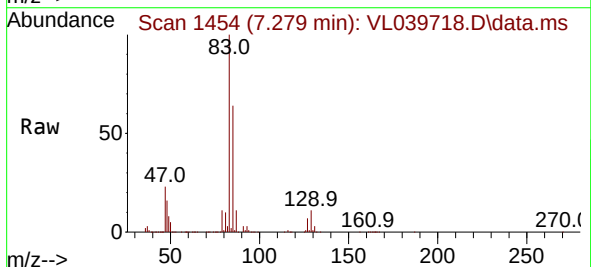
Manual Integrations
APPROVED

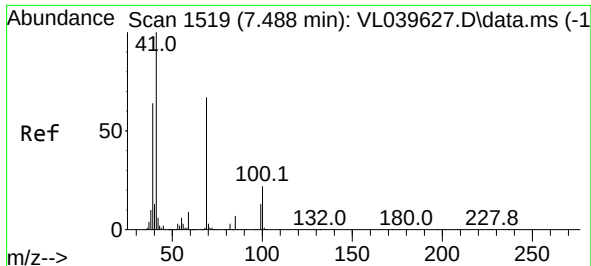
Reviewed By :Semsettin Yesilyurt 10/19/2022
Supervised By :Mahesh Dadoda 10/19/2022



#42
Bromodichloromethane
Concen: 9.756 ppbv
RT: 7.279 min Scan# 1454
Delta R.T. 0.023 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

Tgt Ion: 83 Resp: 1618728
Ion Ratio Lower Upper
83 100
85 63.6 50.7 76.1
127 7.5 6.6 9.8





#43

Methyl Methacrylate

Concen: 10.224 ppbv

RT: 7.504 min Scan# 1519

Delta R.T. 0.020 min

Lab File: VL039718.D

Acq: 17 Oct 2022 13:20

Instrument :

MSVOA_L

ClientSampleId :

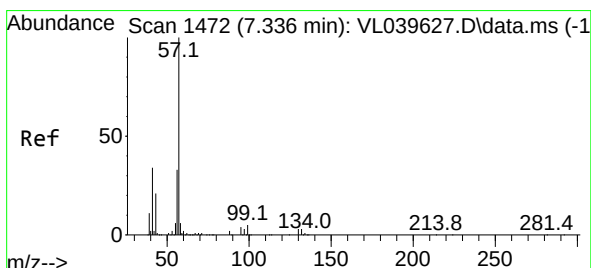
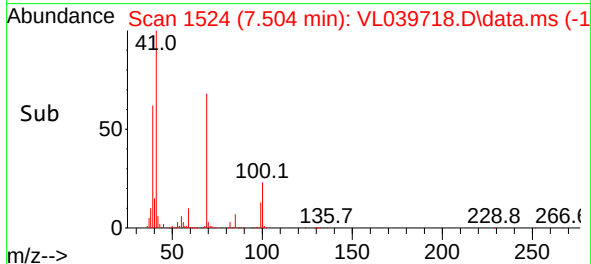
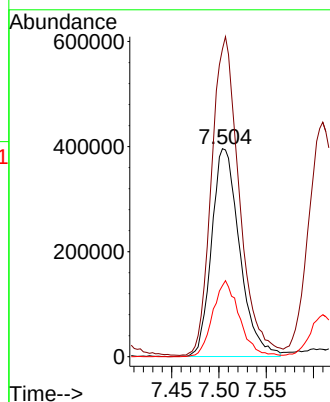
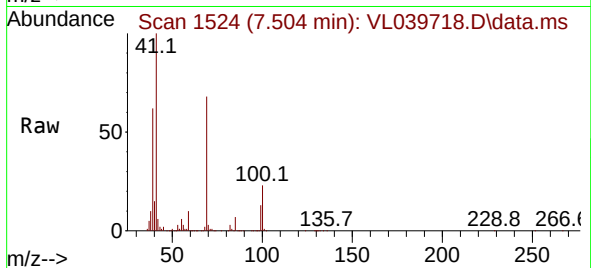
VSTDCCC010

Tgt Ion: 69 Resp: 816879
 Ion Ratio Lower Upper
 69 100
 41 152.3 120.8 181.2
 100 35.1 27.8 41.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/19/2022
 Supervised By :Mahesh Dadoda 10/19/2022



#44

2,2,4-Trimethylpentane

Concen: 9.345 ppbv

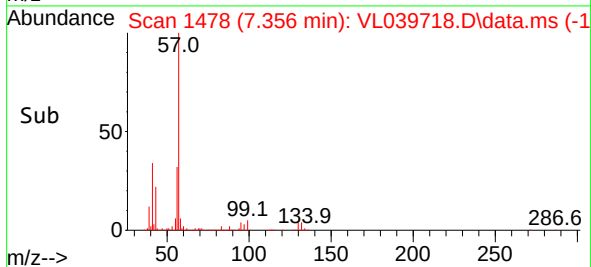
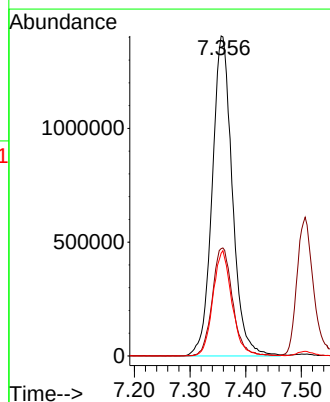
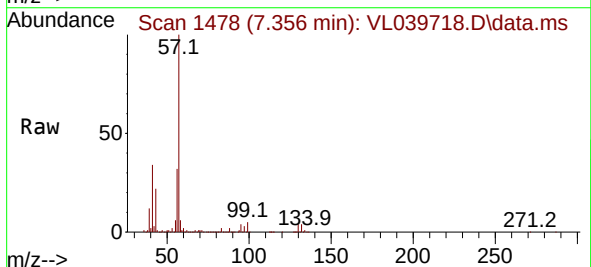
RT: 7.356 min Scan# 1478

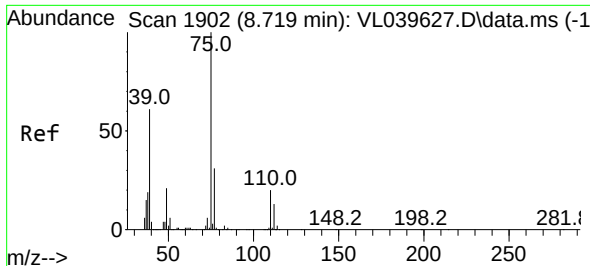
Delta R.T. 0.020 min

Lab File: VL039718.D

Acq: 17 Oct 2022 13:20

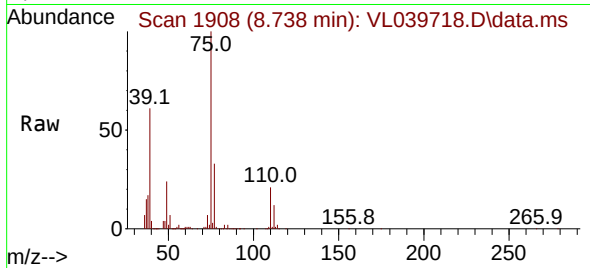
Tgt Ion: 57 Resp: 3530409
 Ion Ratio Lower Upper
 57 100
 41 33.9 27.4 41.2
 56 31.3 24.5 36.7





#45
t-1,3-Dichloropropene
Concen: 11.256 ppbv
RT: 8.738 min Scan# 1902
Delta R.T. 0.020 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

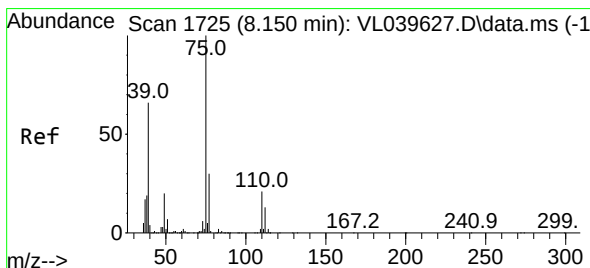
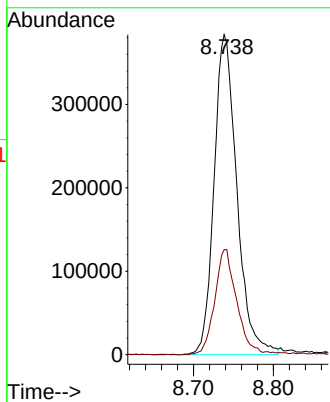
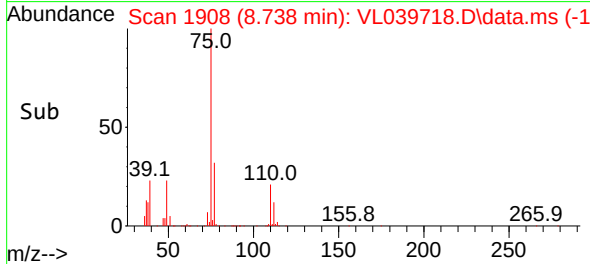
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 75 Resp: 759940
Ion Ratio Lower Upper
75 100
77 32.8 24.6 36.8

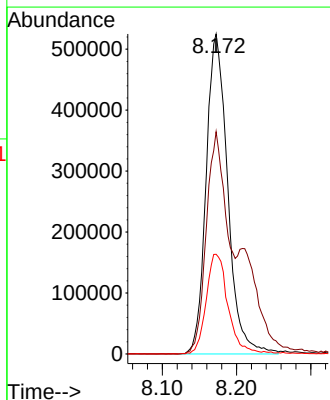
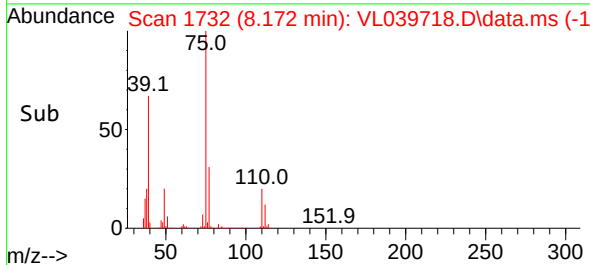
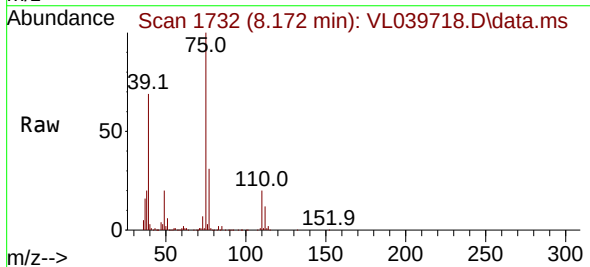
Manual Integrations
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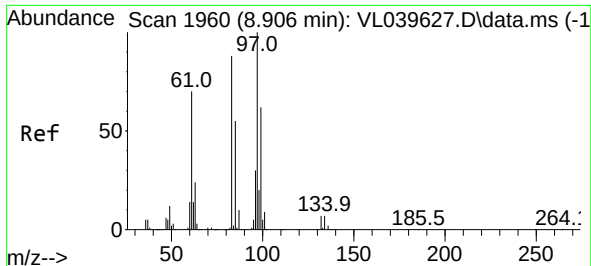
Reviewed By :Semsettin Yesilyurt 10/19/2022
Supervised By :Mahesh Dadoda 10/19/2022



#46
cis-1,3-Dichloropropene
Concen: 10.992 ppbv
RT: 8.172 min Scan# 1732
Delta R.T. 0.023 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

Tgt Ion: 75 Resp: 1056419
Ion Ratio Lower Upper
75 100
39 69.5 55.0 82.4
77 31.2 25.7 38.5





#47

1,1,2-Trichloroethane

Concen: 9.213 ppbv

RT: 8.928 min Scan# 1967

Delta R.T. 0.023 min

Lab File: VL039718.D

Acq: 17 Oct 2022 13:20

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 97 Resp: 85229

Ion Ratio Lower Upper

97 100

83 90.2 67.4 101.0

85 55.3 45.1 67.7

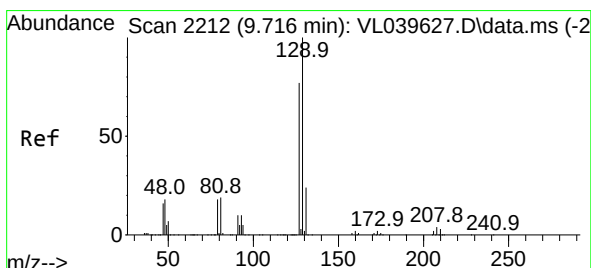
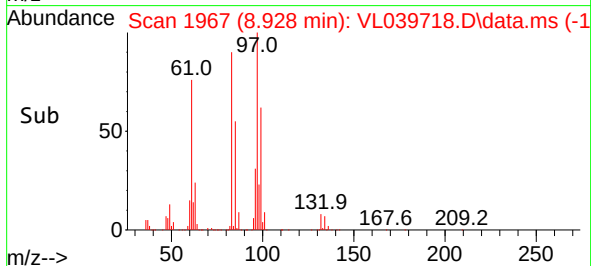
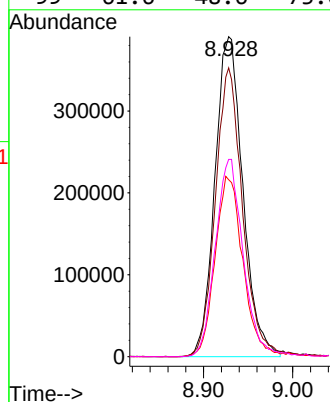
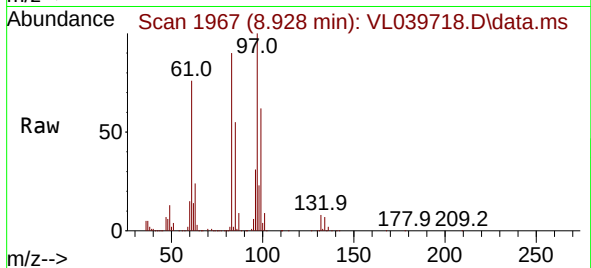
99 61.6 48.6 73.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/19/2022

Supervised By :Mahesh Dadoda 10/19/2022



#48

Dibromochloromethane

Concen: 10.055 ppbv

RT: 9.738 min Scan# 2219

Delta R.T. 0.026 min

Lab File: VL039718.D

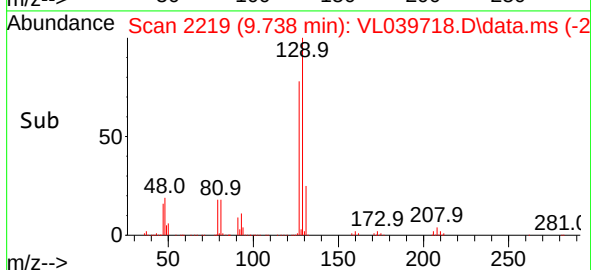
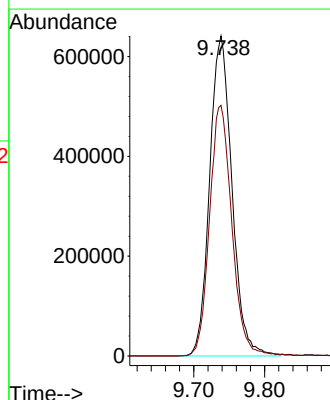
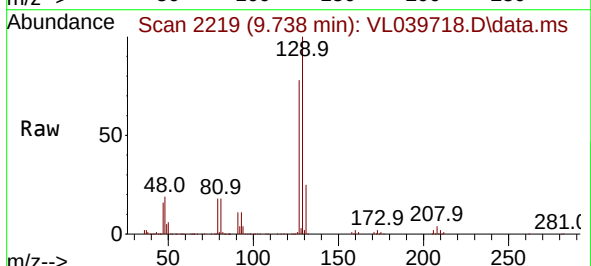
Acq: 17 Oct 2022 13:20

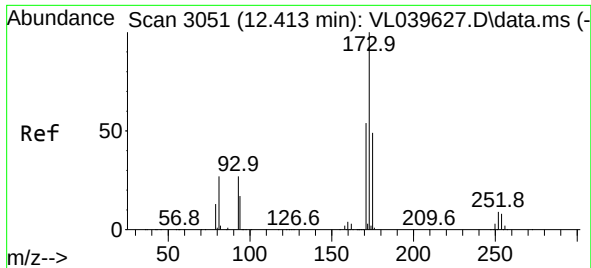
Tgt Ion:129 Resp: 1400653

Ion Ratio Lower Upper

129 100

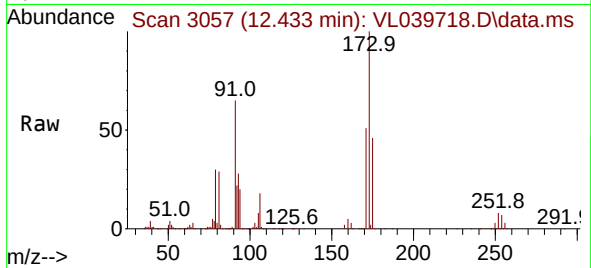
127 78.7 39.3 117.9





#49
Bromoform
Concen: 9.797 ppbv
RT: 12.433 min Scan# 3051
Delta R.T. 0.023 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

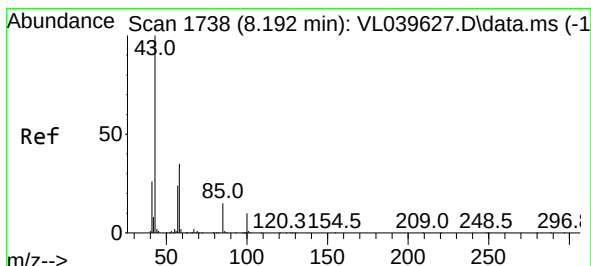
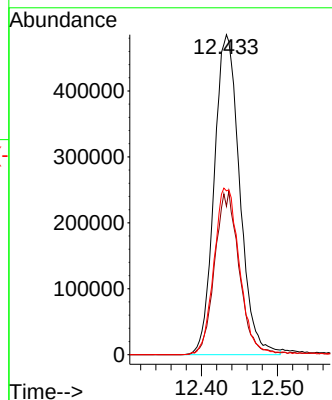
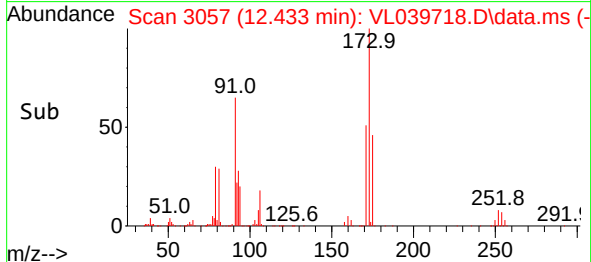
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010



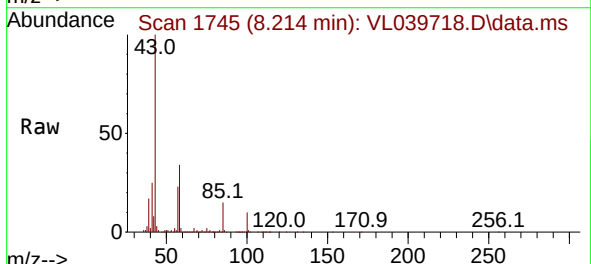
Tgt Ion:173 Resp: 1128804
Ion Ratio Lower Upper
173 100
175 50.2 40.3 60.5
171 53.2 42.9 64.3

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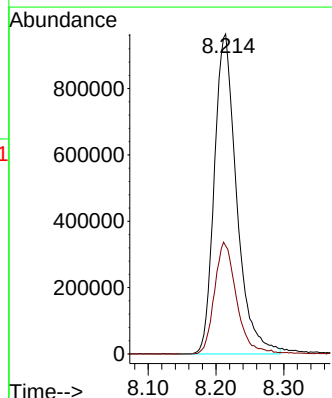
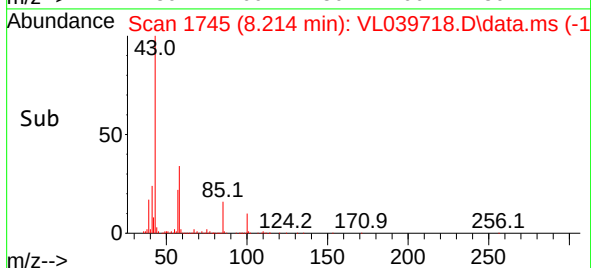
Reviewed By :Semsettin Yesilyurt 10/19/2022
Supervised By :Mahesh Dadoda 10/19/2022

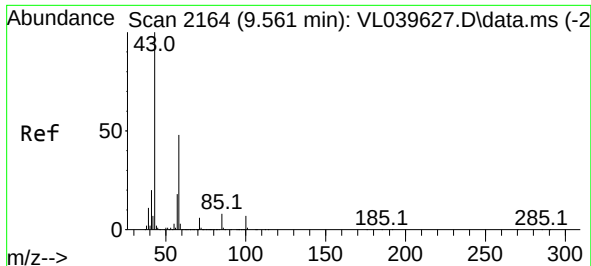


#50
4-Methyl-2-Pentanone
Concen: 9.978 ppbv
RT: 8.214 min Scan# 1745
Delta R.T. 0.026 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20



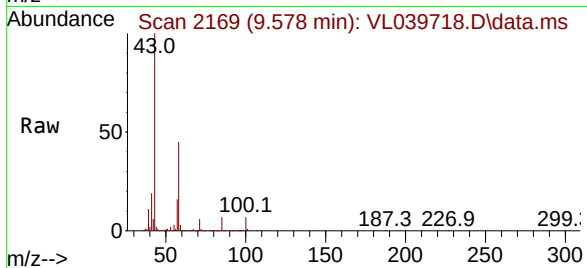
Tgt Ion: 43 Resp: 2207811
Ion Ratio Lower Upper
43 100
58 34.8 28.8 43.2





#51
2-Hexanone
Concen: 10.426 ppbv
RT: 9.578 min Scan# 2164
Delta R.T. 0.020 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

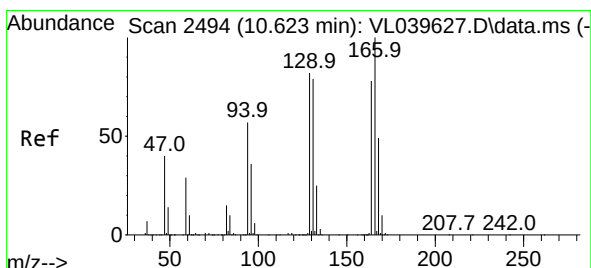
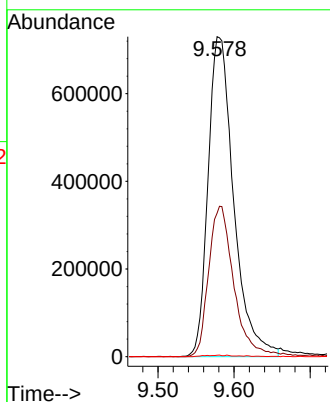
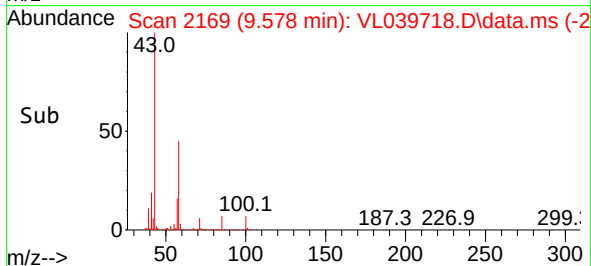
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



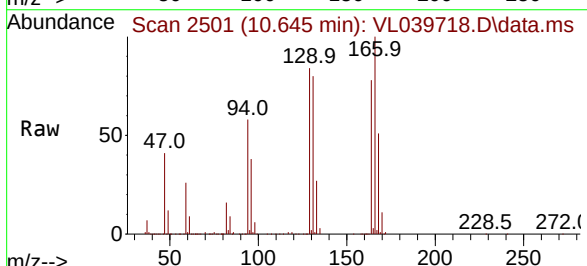
Tgt Ion: 43 Resp: 170770
Ion Ratio Lower Upper
43 100
58 47.0 38.4 57.6
98 0.7 0.3 0.5

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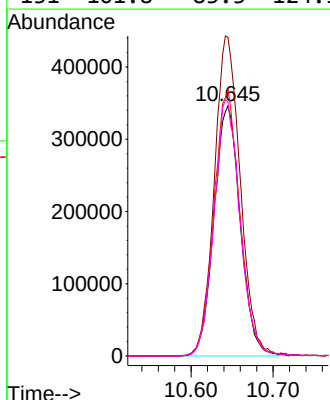
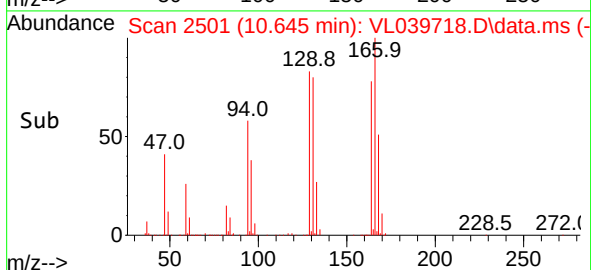
Reviewed By :Semsettin Yesilyurt 10/19/2022
Supervised By :Mahesh Dadoda 10/19/2022

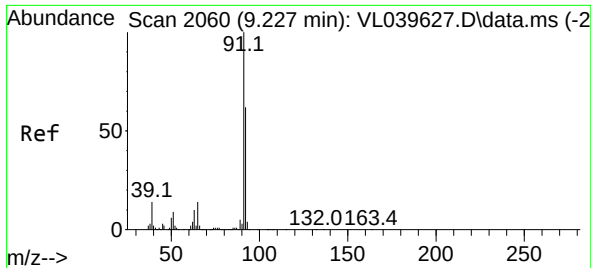


#52
Tetrachloroethene
Concen: 9.206 ppbv
RT: 10.645 min Scan# 2501
Delta R.T. 0.023 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20



Tgt Ion:164 Resp: 769791
Ion Ratio Lower Upper
164 100
166 127.5 102.2 153.2
129 106.5 85.8 128.8
131 101.8 83.3 124.9





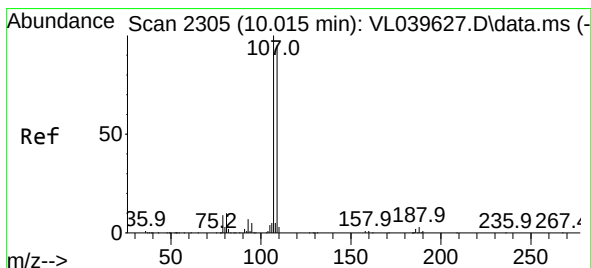
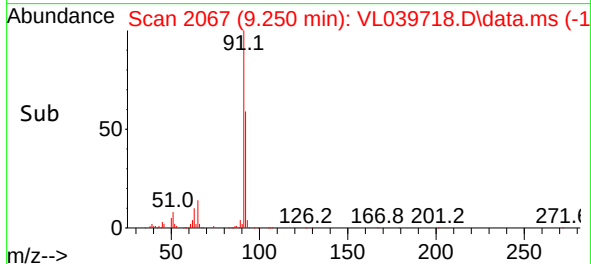
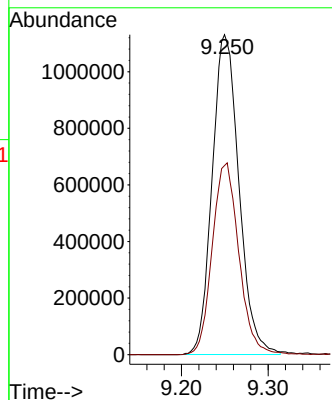
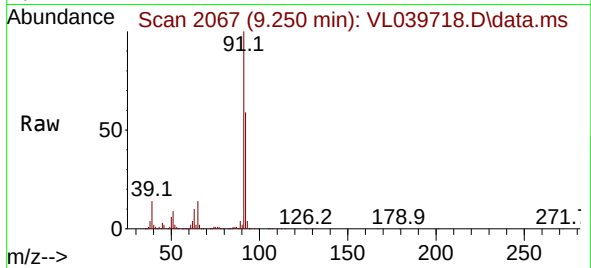
#53
Toluene
Concen: 9.949 ppbv
RT: 9.250 min Scan# 2060
Delta R.T. 0.023 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 2425128
Ion Ratio Lower Upper
91 100
92 59.9 48.2 72.2

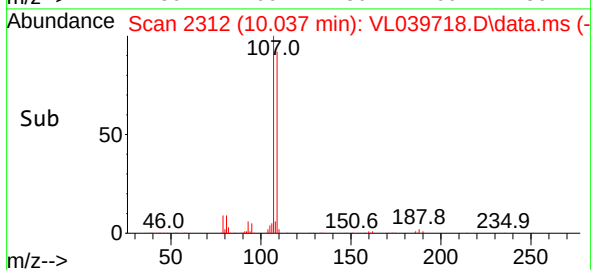
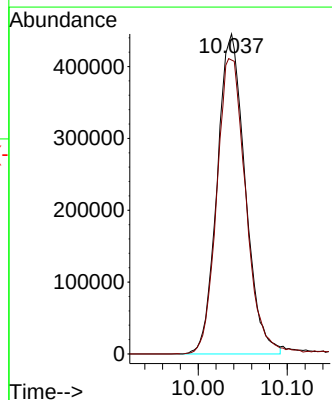
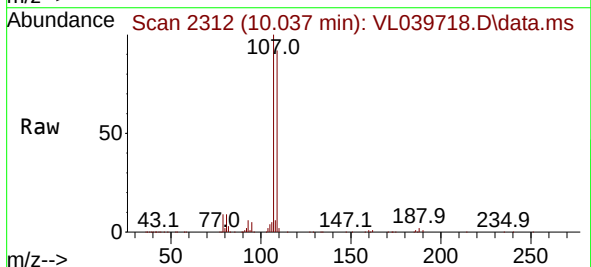
Manual Integrations
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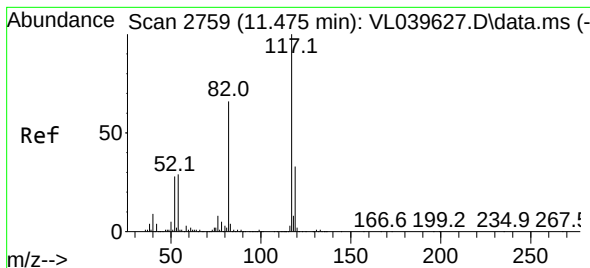
Reviewed By :Semsettin Yesilyurt 10/19/2022
Supervised By :Mahesh Dadoda 10/19/2022



#54
1,2-Dibromoethane
Concen: 9.819 ppbv
RT: 10.037 min Scan# 2312
Delta R.T. 0.023 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

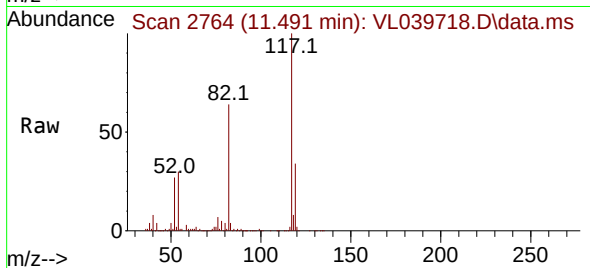
Tgt Ion:107 Resp: 971702
Ion Ratio Lower Upper
107 100
109 91.8 74.8 112.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.491 min Scan# 2759
Delta R.T. 0.020 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

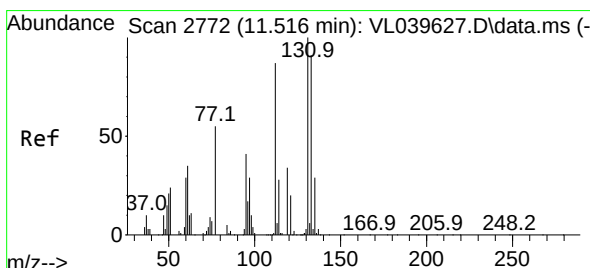
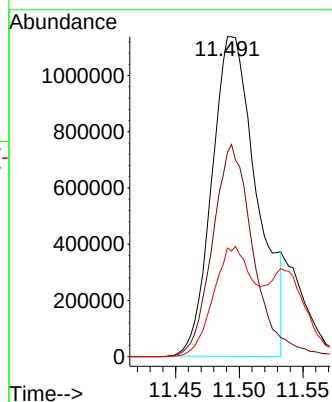
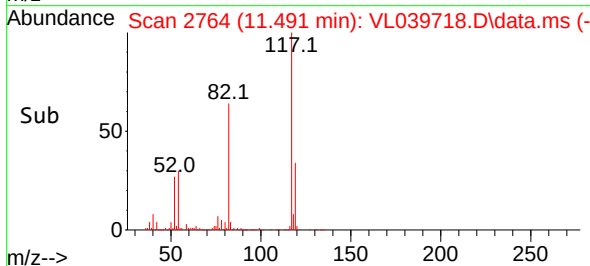
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



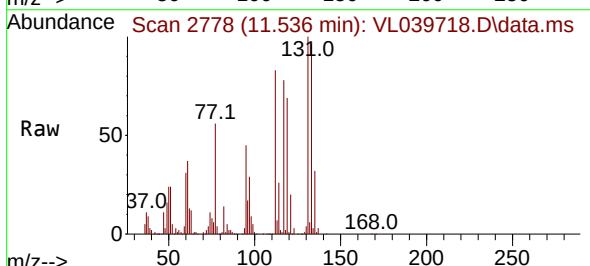
Tgt Ion:117 Resp: 279567
Ion Ratio Lower Upper
117 100
82 61.0 50.8 76.2
119 30.3 24.1 36.1

Manual Integrations
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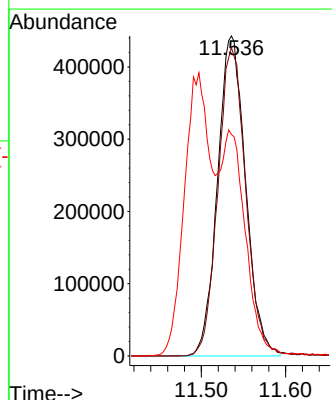
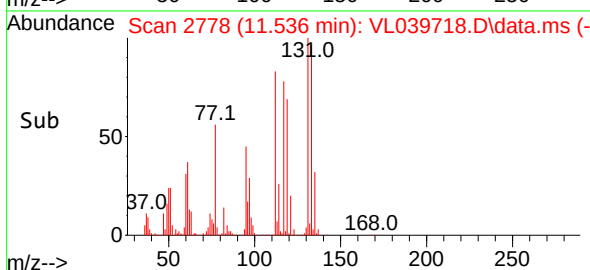
Reviewed By :Semsettin Yesilyurt 10/19/2022
Supervised By :Mahesh Dadoda 10/19/2022

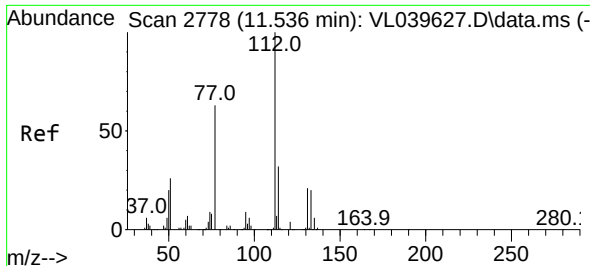


#56
1,1,1,2-Tetrachloroethane
Concen: 9.052 ppbv
RT: 11.536 min Scan# 2778
Delta R.T. 0.023 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20



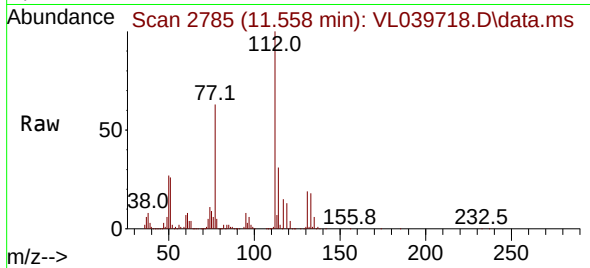
Tgt Ion:131 Resp: 1022637
Ion Ratio Lower Upper
131 100
133 96.4 76.8 115.2
119 56.2 46.2 69.4





#57
Chlorobenzene
Concen: 8.837 ppbv
RT: 11.558 min Scan# 21
Delta R.T. 0.026 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

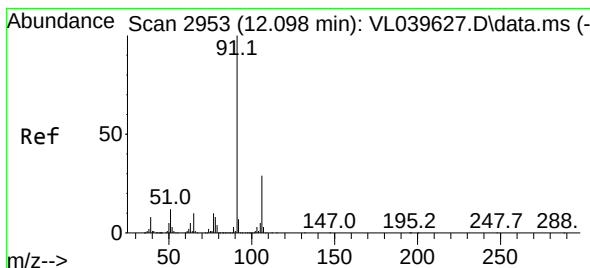
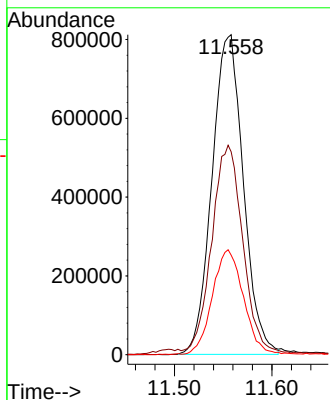
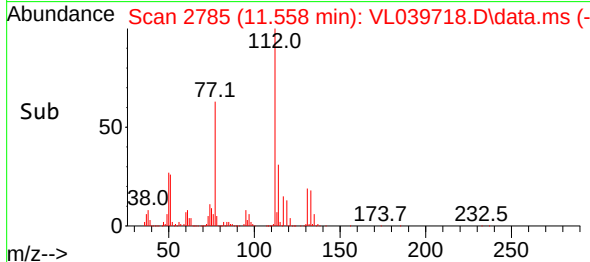
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:112 Resp: 1816810
Ion Ratio Lower Upper
112 100
77 62.1 51.0 76.4
114 30.8 27.5 33.6

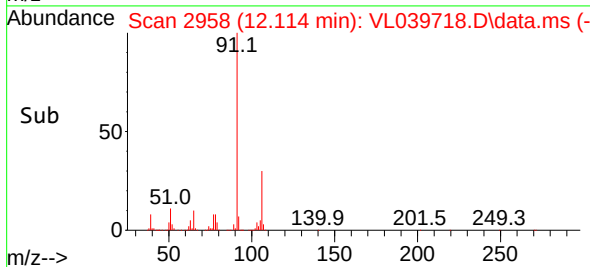
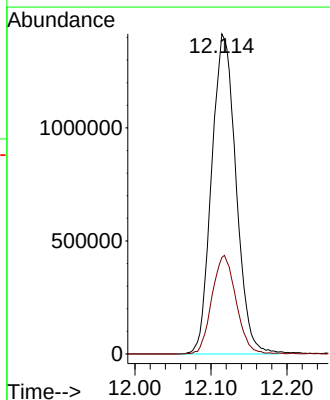
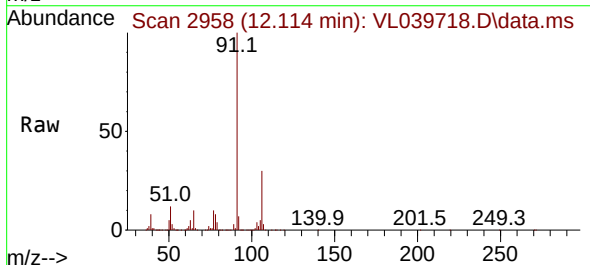
Manual Integrations
APPROVED

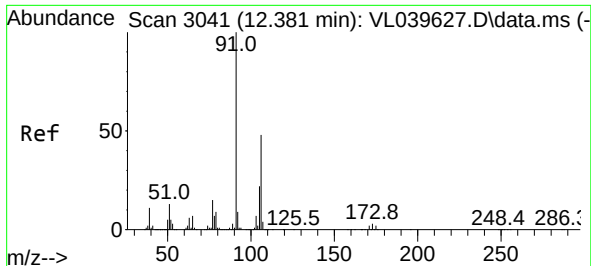
Reviewed By :Semsettin Yesilyurt 10/19/2022
Supervised By :Mahesh Dadoda 10/19/2022



#58
Ethyl Benzene
Concen: 9.784 ppbv
RT: 12.114 min Scan# 2958
Delta R.T. 0.020 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

Tgt Ion: 91 Resp: 3153814
Ion Ratio Lower Upper
91 100
106 30.2 25.4 38.0





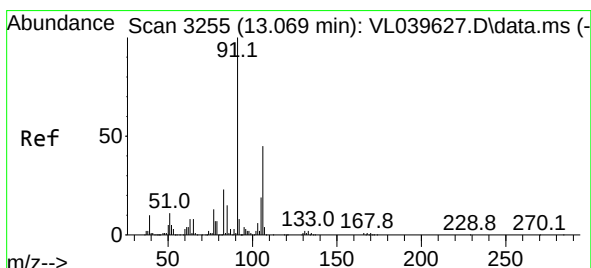
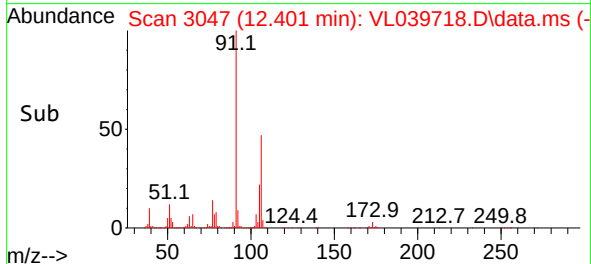
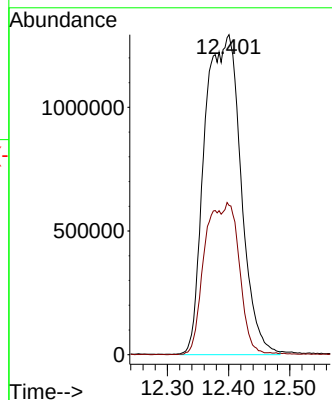
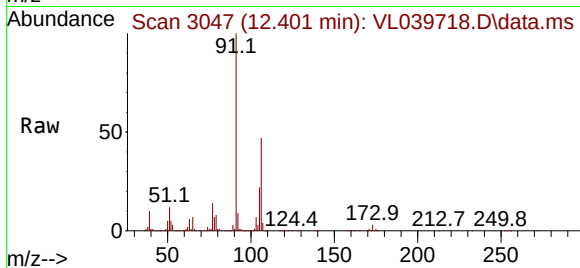
#59
m/p-Xylene
Concen: 18.499 ppbv m
RT: 12.401 min Scan# 3041
Delta R.T. 0.026 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 530679
Ion Ratio Lower Upper
91 100
106 45.3 35.4 53.2

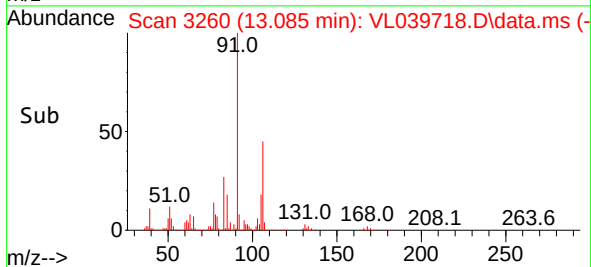
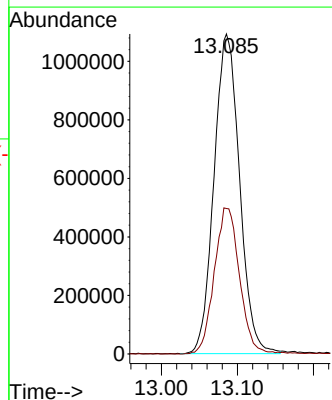
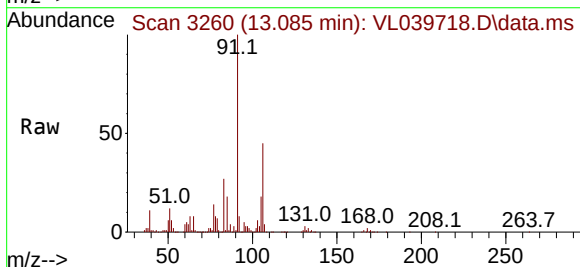
Manual Integrations
APPROVED

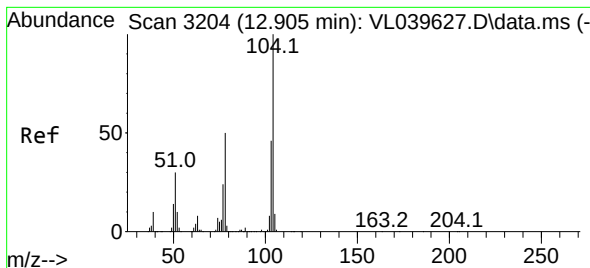
Reviewed By :Semsettin Yesilyurt 10/19/2022
Supervised By :Mahesh Dadoda 10/19/2022



#60
o-Xylene
Concen: 9.301 ppbv
RT: 13.085 min Scan# 3260
Delta R.T. 0.023 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

Tgt Ion: 91 Resp: 2548013
Ion Ratio Lower Upper
91 100
106 45.7 22.4 67.3





#61

Styrene

Concen: 10.168 ppbv

RT: 12.925 min Scan# 31

Delta R.T. 0.023 min

Lab File: VL039718.D

Acq: 17 Oct 2022 13:20

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:104 Resp: 1500079

Ion Ratio Lower Upper

104 100

78 49.8 41.2 61.8

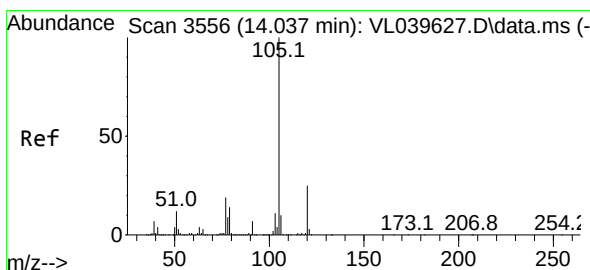
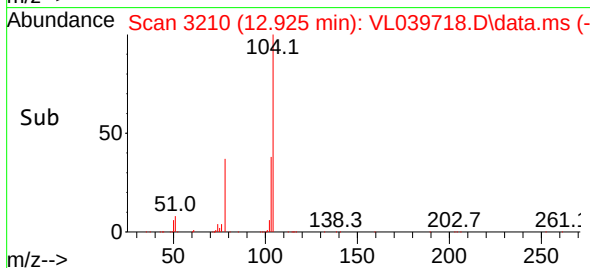
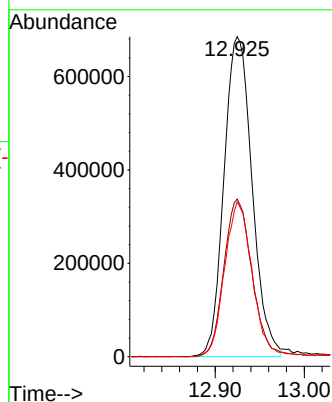
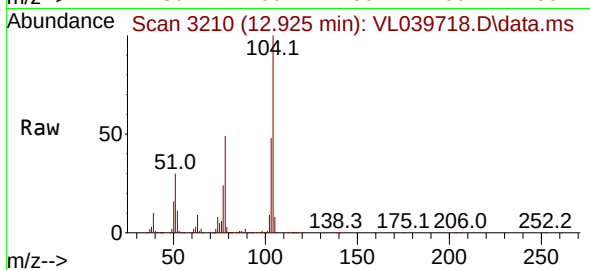
103 47.9 38.7 58.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/19/2022

Supervised By :Mahesh Dadoda 10/19/2022



#62

Isopropylbenzene

Concen: 8.917 ppbv

RT: 14.056 min Scan# 3562

Delta R.T. 0.020 min

Lab File: VL039718.D

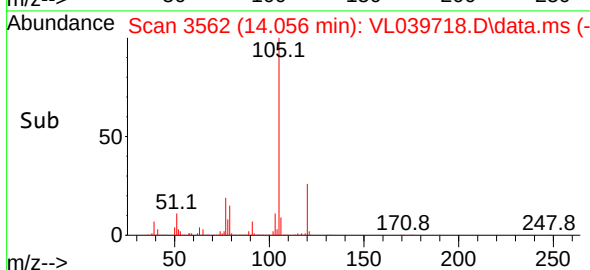
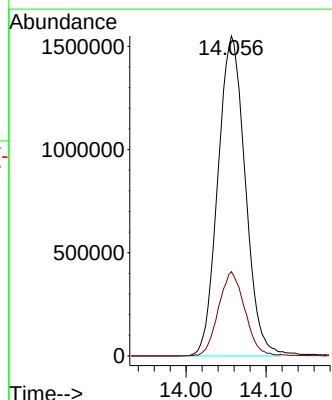
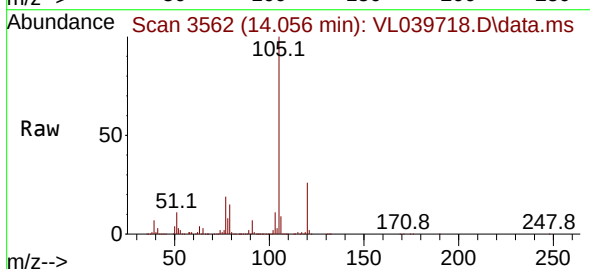
Acq: 17 Oct 2022 13:20

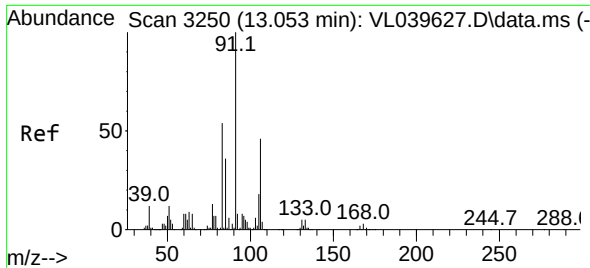
Tgt Ion:105 Resp: 3675660

Ion Ratio Lower Upper

105 100

120 25.6 20.7 31.1





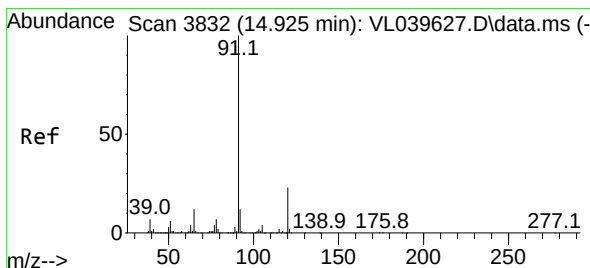
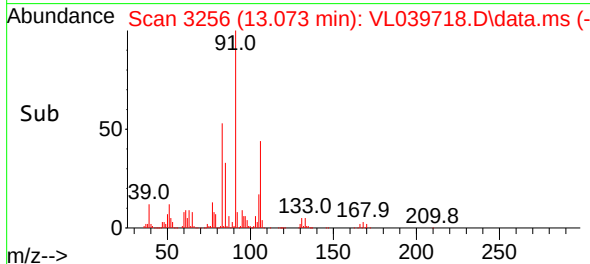
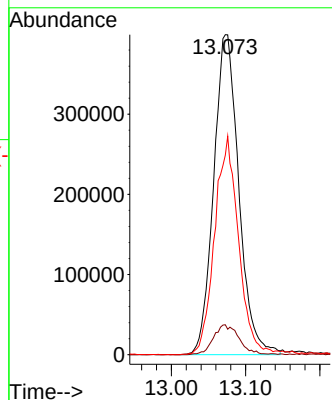
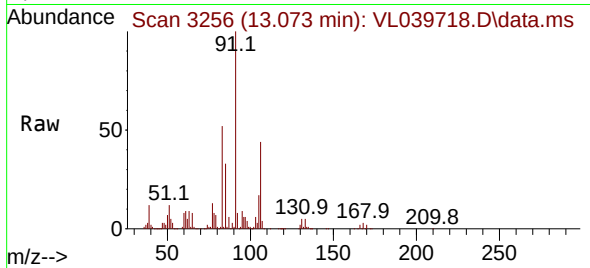
#63
1,1,2,2-Tetrachloroethane
Concen: 8.611 ppbv
RT: 13.073 min Scan# 31
Delta R.T. 0.020 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 940934
Ion Ratio Lower Upper
83 100
131 9.7 5.3 15.8
85 65.9 33.1 99.5

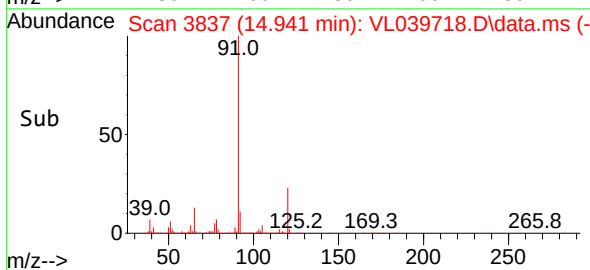
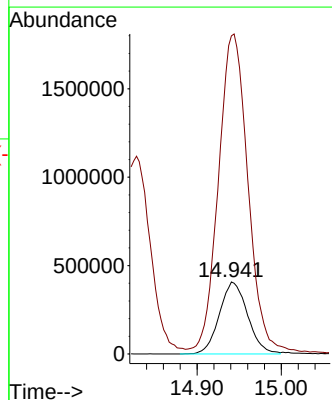
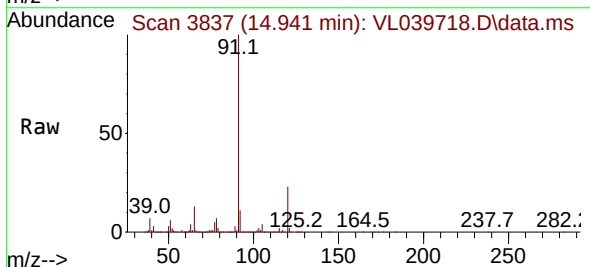
Manual Integrations
APPROVED

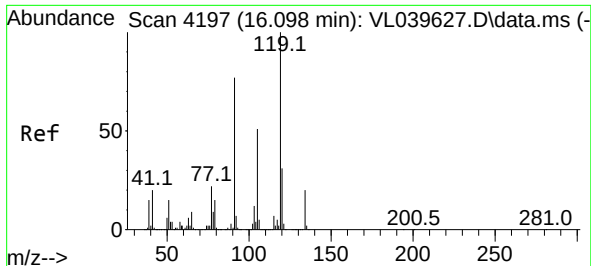
Reviewed By :Semsettin Yesilyurt 10/19/2022
Supervised By :Mahesh Dadoda 10/19/2022



#64
n-propylbenzene
Concen: 8.962 ppbv
RT: 14.941 min Scan# 3837
Delta R.T. 0.023 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

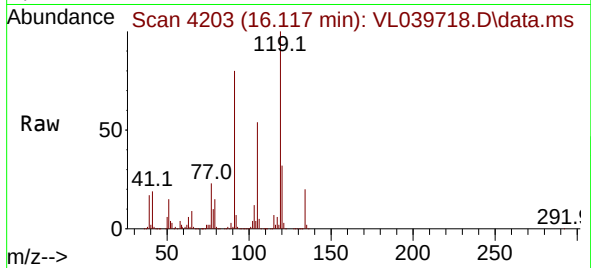
Tgt Ion:120 Resp: 946047
Ion Ratio Lower Upper
120 100
91 471.8 367.2 550.8





#65
tert-Butylbenzene
Concen: 8.870 ppbv
RT: 16.117 min Scan# 4197
Delta R.T. 0.023 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

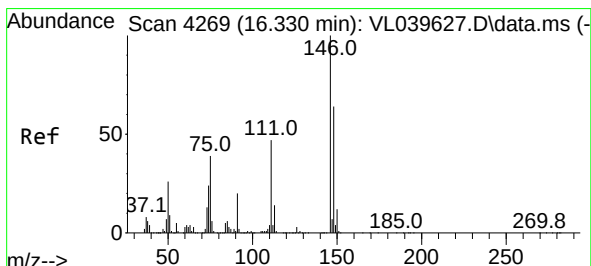
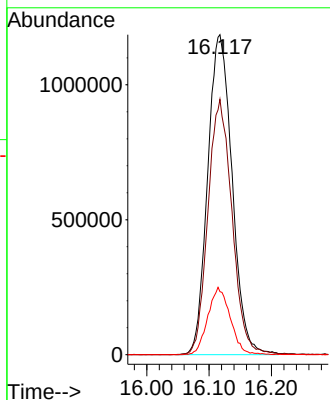
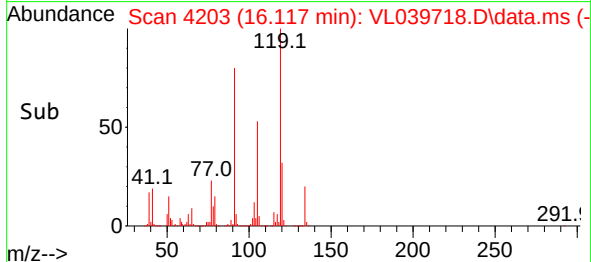
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



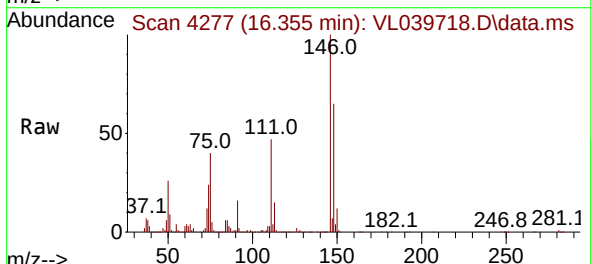
Tgt Ion: 119 Resp: 323022
Ion Ratio Lower Upper
119 100
91 78.5 63.4 95.2
134 19.4 15.9 23.9

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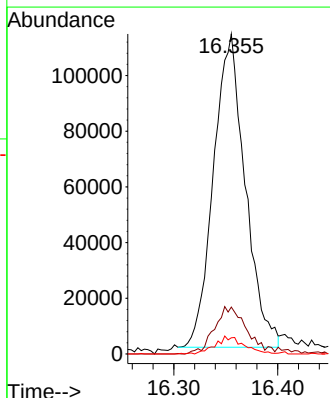
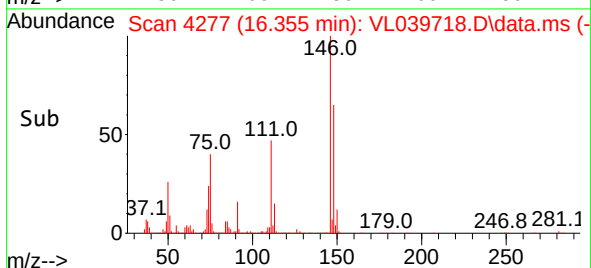
Reviewed By :Semsettin Yesilyurt 10/19/2022
Supervised By :Mahesh Dadoda 10/19/2022

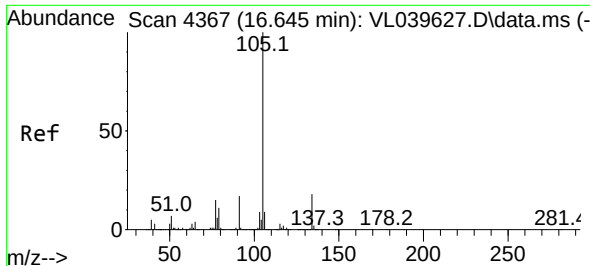


#66
Benzyl Chloride
Concen: 8.210 ppbv
RT: 16.355 min Scan# 4277
Delta R.T. 0.020 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20



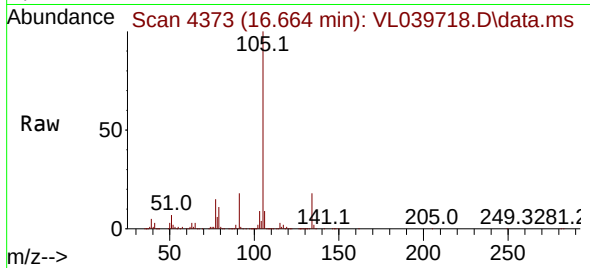
Tgt Ion: 91 Resp: 238060
Ion Ratio Lower Upper
91 100
126 16.8 13.1 19.7
128 5.2 4.4 6.6





#67
 sec-Butylbenzene
 Concen: 8.762 ppbv
 RT: 16.664 min Scan# 41
 Delta R.T. 0.026 min
 Lab File: VL039718.D
 Acq: 17 Oct 2022 13:20

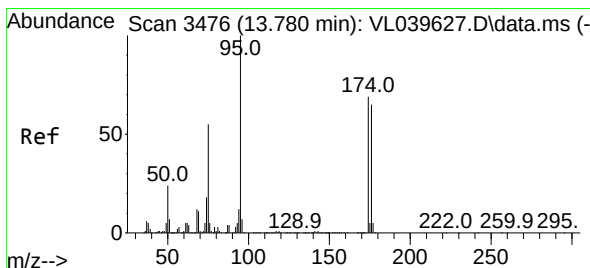
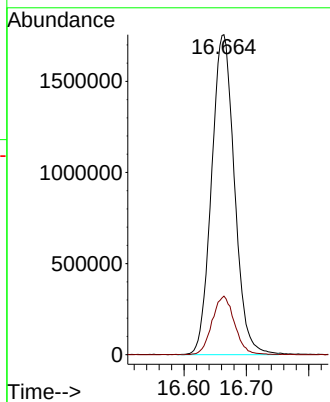
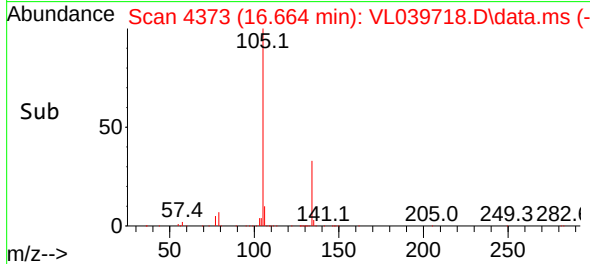
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 105 Resp: 447591
 Ion Ratio Lower Upper
 105 100
 134 18.0 14.8 22.2

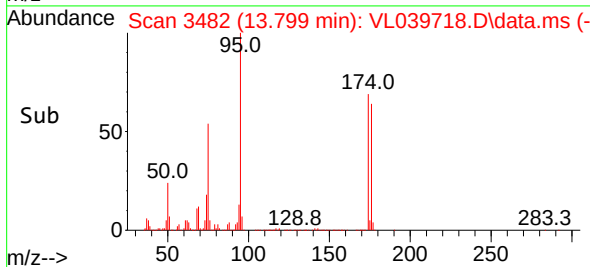
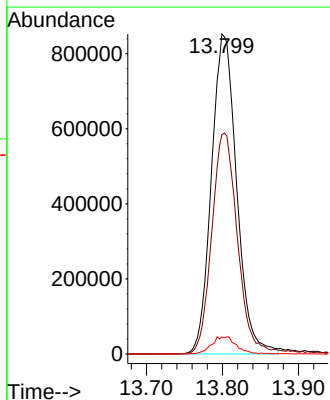
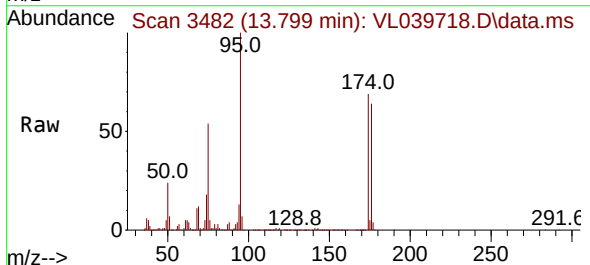
Manual Integrations
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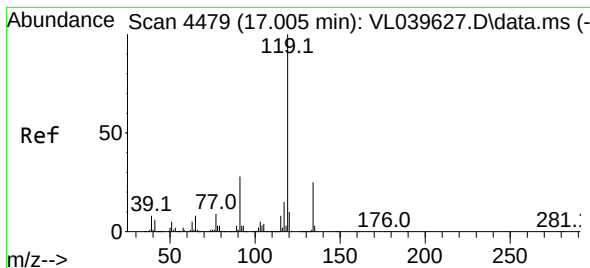
Reviewed By :Semsettin Yesilyurt 10/19/2022
 Supervised By :Mahesh Dadoda 10/19/2022



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.428 ppbv
 RT: 13.799 min Scan# 3482
 Delta R.T. 0.023 min
 Lab File: VL039718.D
 Acq: 17 Oct 2022 13:20

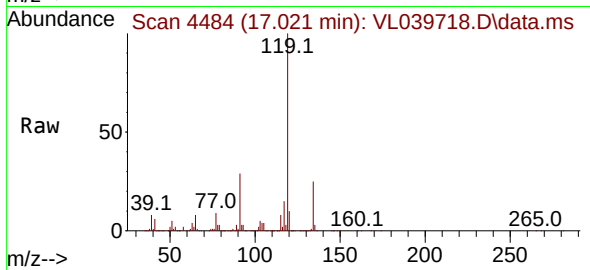
Tgt Ion: 95 Resp: 1967689
 Ion Ratio Lower Upper
 95 100
 174 71.4 55.9 83.9
 175 5.3 4.2 6.4





#69
p-Isopropyltoluene
Concen: 8.952 ppbv
RT: 17.021 min Scan# 4479
Delta R.T. 0.020 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

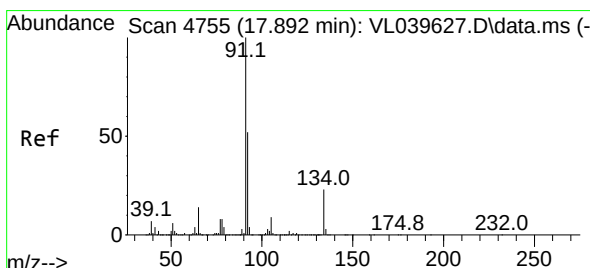
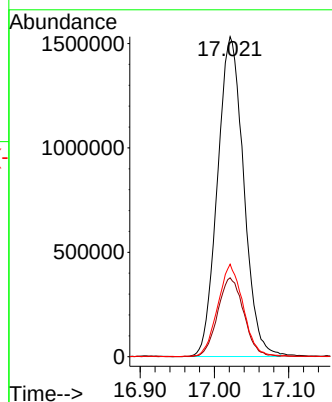
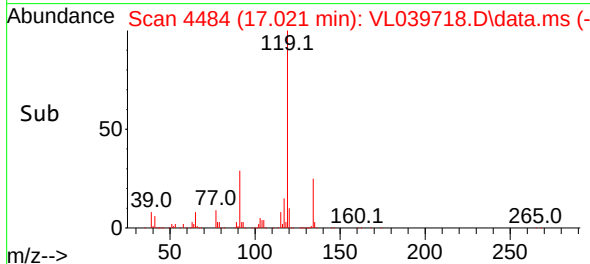
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



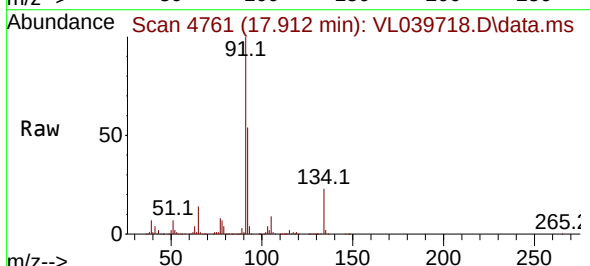
Tgt Ion:119 Resp: 3757349
Ion Ratio Lower Upper
119 100
134 24.8 20.3 30.5
91 28.1 22.9 34.3

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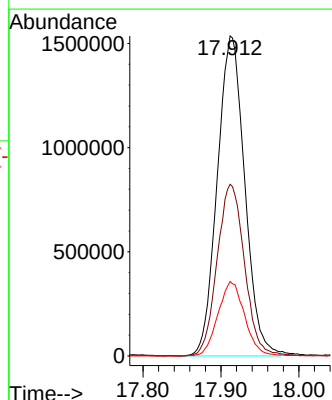
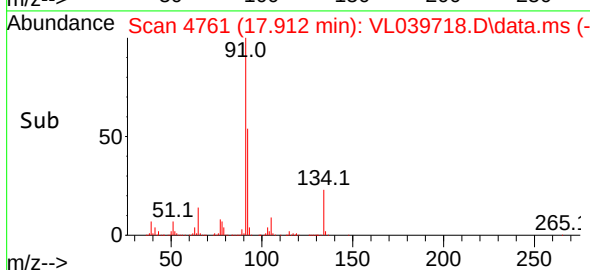
Reviewed By :Semsettin Yesilyurt 10/19/2022
Supervised By :Mahesh Dadoda 10/19/2022

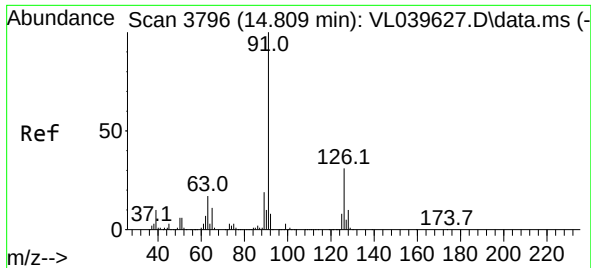


#70
n-Butylbenzene
Concen: 9.143 ppbv
RT: 17.912 min Scan# 4761
Delta R.T. 0.020 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20



Tgt Ion: 91 Resp: 3762150
Ion Ratio Lower Upper
91 100
92 53.6 43.4 65.2
134 22.7 18.9 28.3





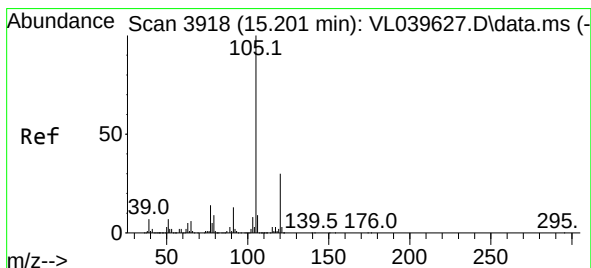
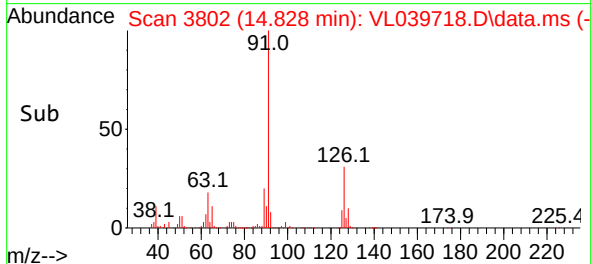
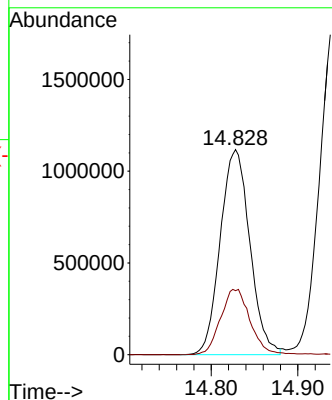
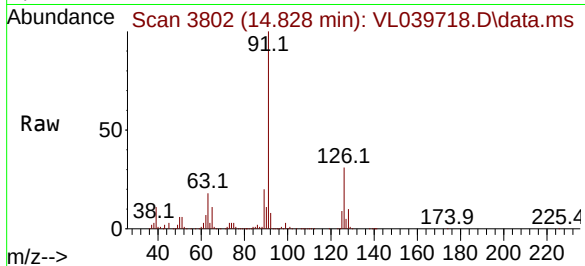
#71
2-Chlorotoluene
Concen: 8.919 ppbv
RT: 14.828 min Scan# 3796
Delta R.T. 0.023 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 265444
Ion Ratio Lower Upper
91 100
126 32.4 13.0 51.8

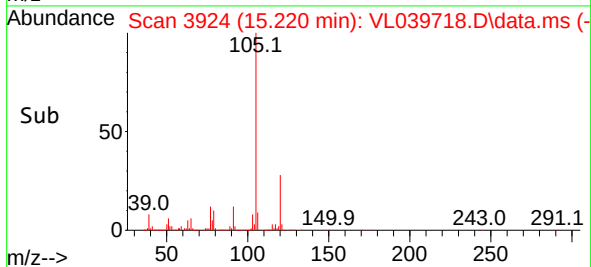
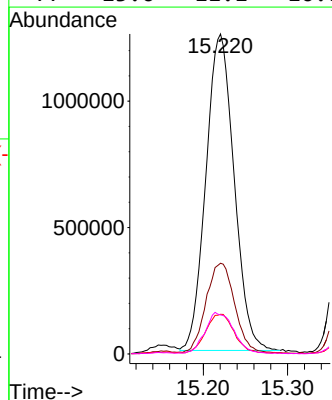
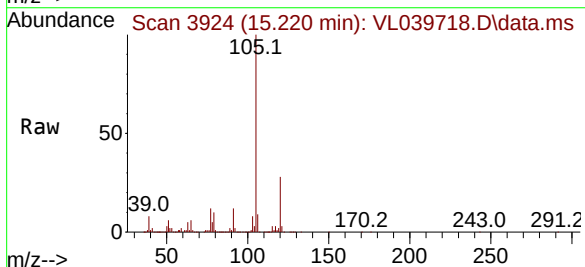
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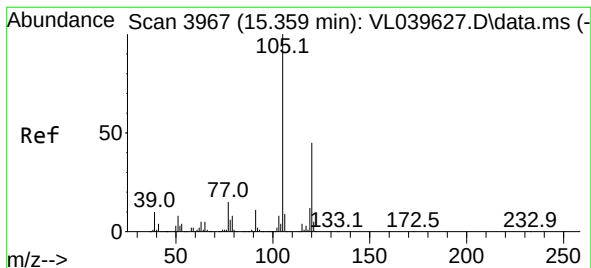
Reviewed By :Semsettin Yesilyurt 10/19/2022
Supervised By :Mahesh Dadoda 10/19/2022



#72
4-Ethyltoluene
Concen: 9.311 ppbv
RT: 15.220 min Scan# 3924
Delta R.T. 0.023 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

Tgt Ion:105 Resp: 2911850
Ion Ratio Lower Upper
105 100
120 29.7 24.2 36.2
91 12.7 10.2 15.4
77 13.6 11.1 16.7





#73

1,3,5-Trimethylbenzene

Concen: 9.203 ppbv

RT: 15.378 min Scan# 3967

Delta R.T. 0.026 min

Lab File: VL039718.D

Acq: 17 Oct 2022 13:20

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 2633579

Ion Ratio Lower Upper

105 100

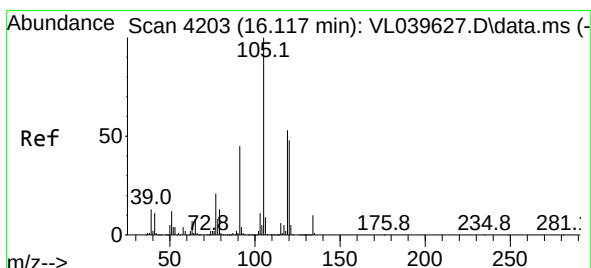
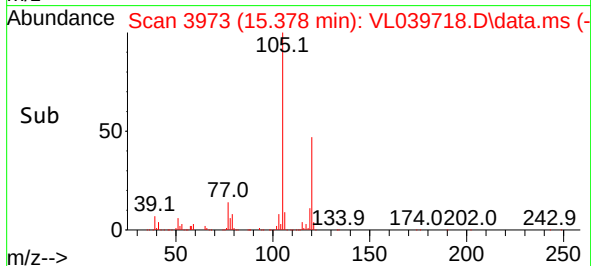
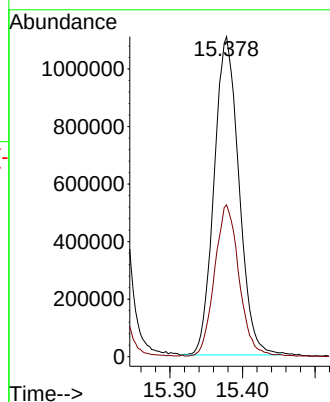
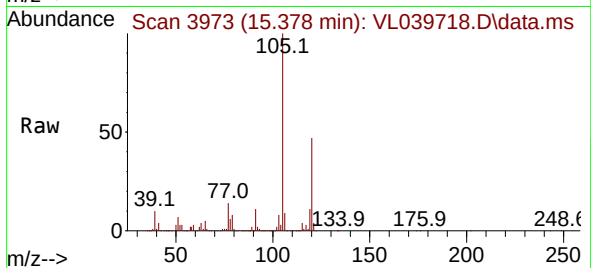
120 47.4 38.2 57.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/19/2022

Supervised By :Mahesh Dadoda 10/19/2022



#74

1,2,4-Trimethylbenzene

Concen: 8.839 ppbv

RT: 16.134 min Scan# 4208

Delta R.T. 0.023 min

Lab File: VL039718.D

Acq: 17 Oct 2022 13:20

Tgt Ion:105 Resp: 2835413

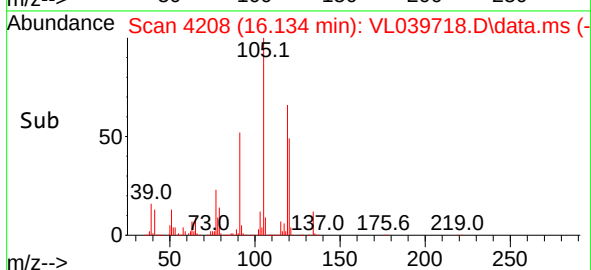
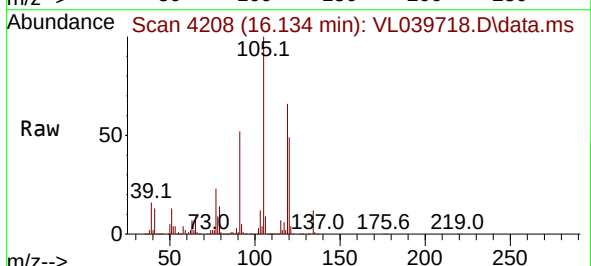
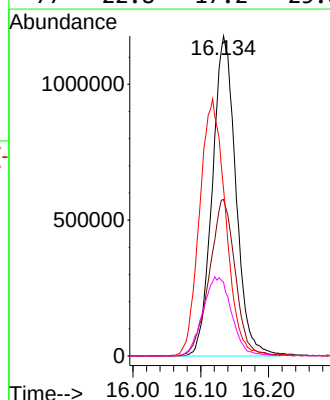
Ion Ratio Lower Upper

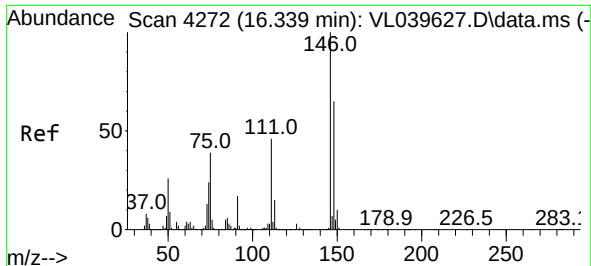
105 100

120 48.7 39.5 59.3

91 51.9 39.2 58.8

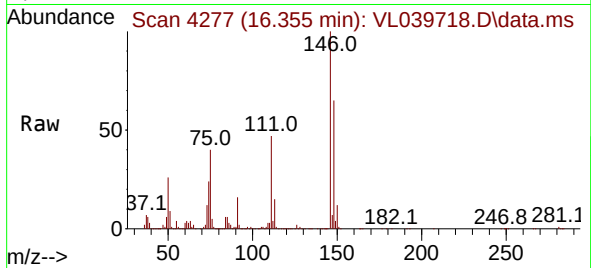
77 22.8 17.2 25.8





#75
1,3-Dichlorobenzene
Concen: 8.864 ppbv
RT: 16.355 min Scan# 41
Delta R.T. 0.026 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

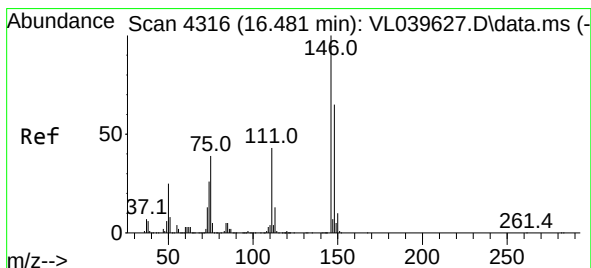
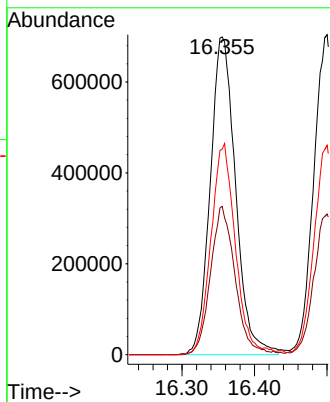
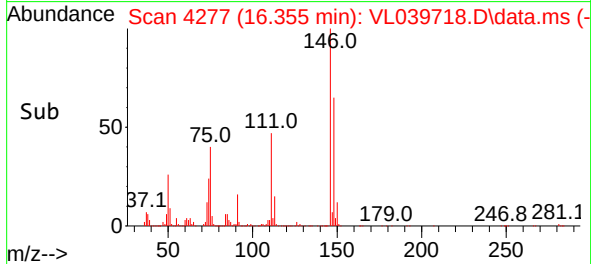
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



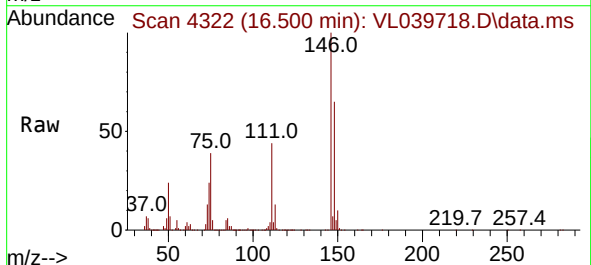
Tgt Ion:146 Resp: 1696470
Ion Ratio Lower Upper
146 100
111 45.5 22.9 68.7
148 64.6 32.1 96.5

Manual Integrations
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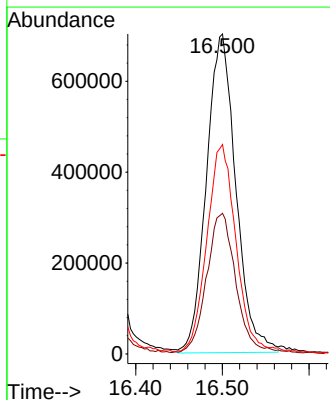
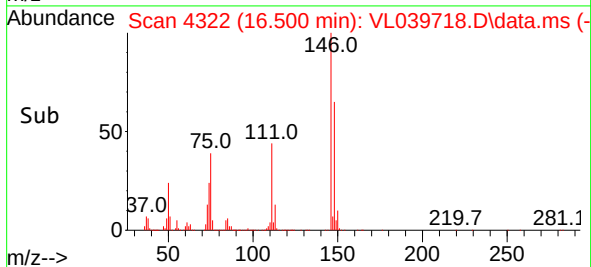
Reviewed By :Semsettin Yesilyurt 10/19/2022
Supervised By :Mahesh Dadoda 10/19/2022

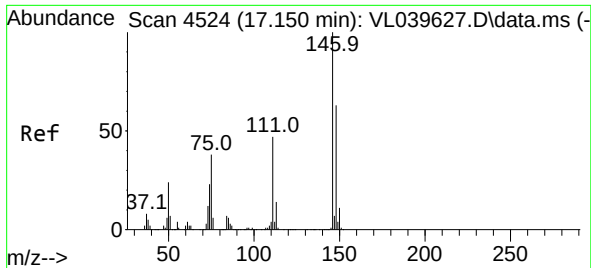


#76
1,4-Dichlorobenzene
Concen: 8.656 ppbv
RT: 16.500 min Scan# 4322
Delta R.T. 0.026 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20



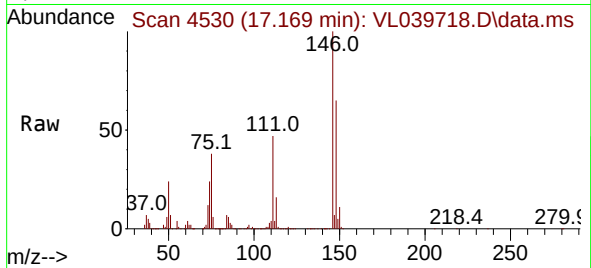
Tgt Ion:146 Resp: 1657303
Ion Ratio Lower Upper
146 100
111 44.5 22.9 68.8
148 67.0 33.6 100.8





#77
1,2-Dichlorobenzene
Concen: 8.723 ppbv
RT: 17.169 min Scan# 4524
Delta R.T. 0.023 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

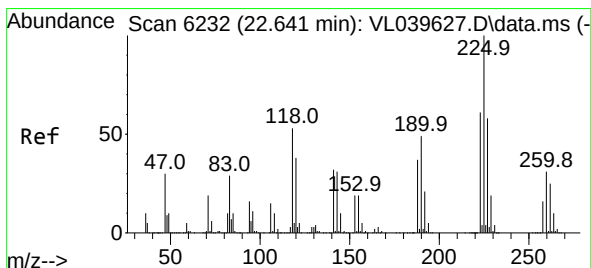
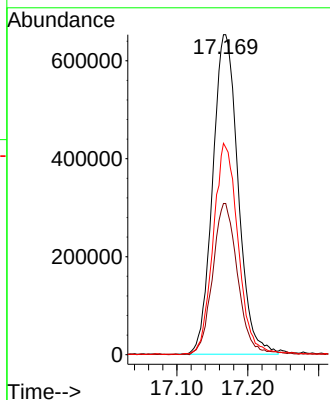
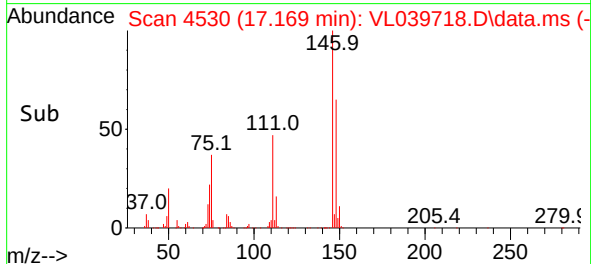
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:146 Resp: 162817
Ion Ratio Lower Upper
146 100
111 46.9 23.8 71.5
148 64.8 32.3 96.8

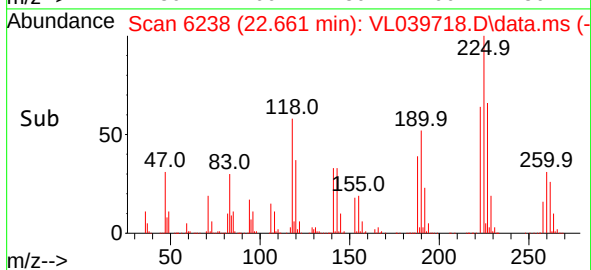
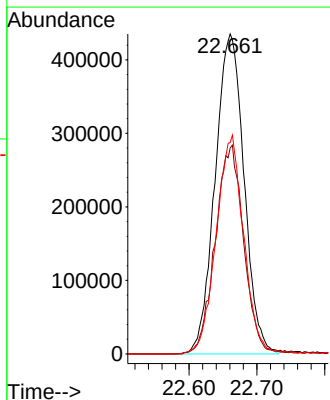
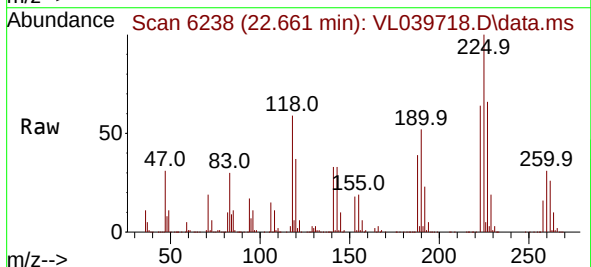
Manual Integrations
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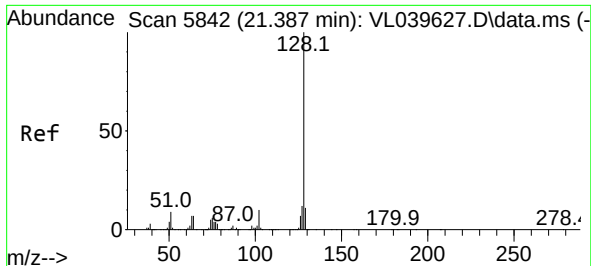
Reviewed By :Semsettin Yesilyurt 10/19/2022
Supervised By :Mahesh Dadoda 10/19/2022



#78
Hexachloro-1,3-Butadiene
Concen: 9.049 ppbv
RT: 22.661 min Scan# 6238
Delta R.T. 0.023 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

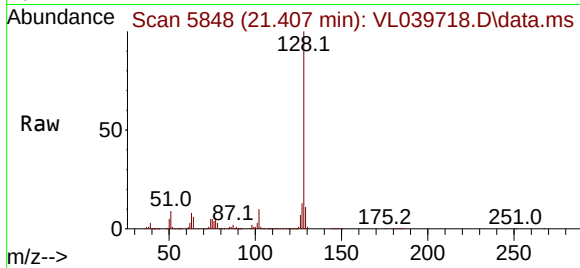
Tgt Ion:225 Resp: 1290487
Ion Ratio Lower Upper
225 100
223 64.0 51.8 77.6
227 65.3 51.4 77.2





#79
Naphthalene
Concen: 12.986 ppbv m
RT: 21.407 min Scan# 5848
Delta R.T. 0.026 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

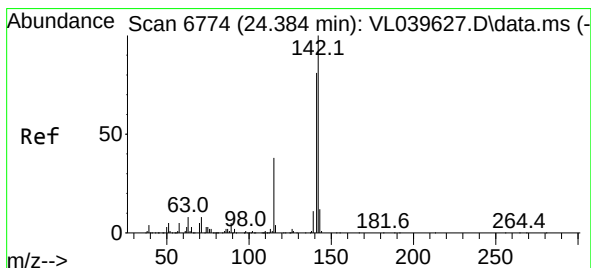
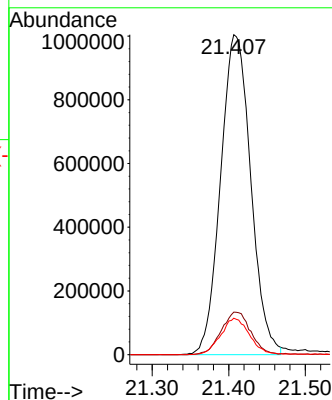
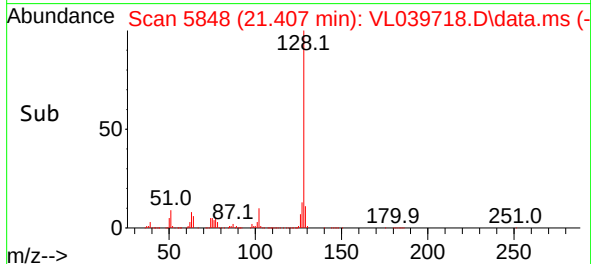
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



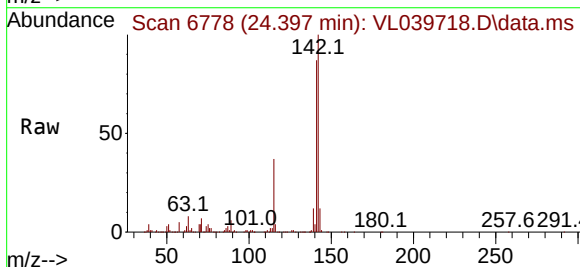
Tgt Ion:128 Resp: 274906
Ion Ratio Lower Upper
128 100
127 13.3 10.6 15.8
129 11.4 8.8 13.2

Manual Integrations
APPROVED

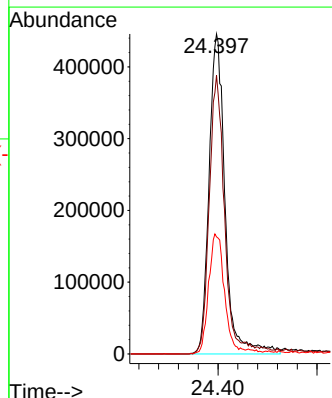
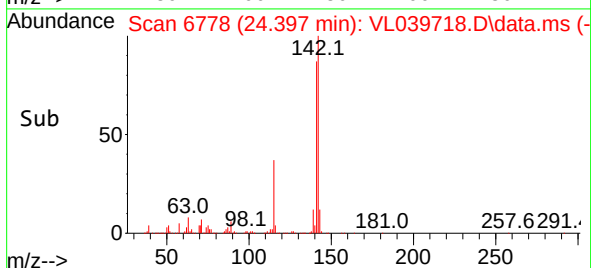
Reviewed By :Semsettin Yesilyurt 10/19/2022
Supervised By :Mahesh Dadoda 10/19/2022

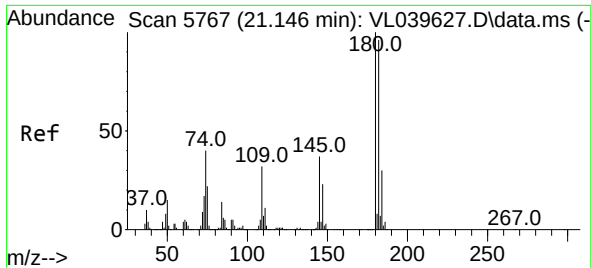


#80
Naphthalene,2-methyl-
Concen: 12.542 ppbv
RT: 24.397 min Scan# 6778
Delta R.T. 0.020 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20



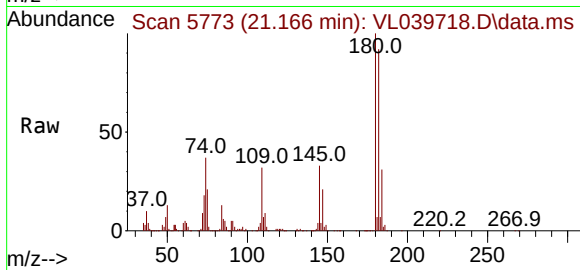
Tgt Ion:142 Resp: 998297
Ion Ratio Lower Upper
142 100
141 84.1 68.9 103.3
115 39.0 30.0 45.0





#81
 1,2,4-Trichlorobenzene
 Concen: 11.095 ppbv
 RT: 21.166 min Scan# 51
 Delta R.T. 0.026 min
 Lab File: VL039718.D
 Acq: 17 Oct 2022 13:20

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:180 Resp: 154267

Ion	Ratio	Lower	Upper
180	100		
182	96.9	77.1	115.7
184	30.5	24.3	36.5

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/19/2022
 Supervised By :Mahesh Dadoda 10/19/2022

