

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012424\
 Data File : VL041022.D
 Acq On : 24 Jan 2024 18:53
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024
 Supervised By :Semsettin Yesilyurt 01/25/2024

Quant Time: Jan 25 03:22:07 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL012324AIR.M

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

QLast Update : Thu Jan 25 03:13:06 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.169	49	1036295	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.629	114	2543117	10.000	ppbv	0.01
55) Chlorobenzene-d5	11.439	117	2386793m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.748 95 1924545 10.675 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 106.800%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.713	85	2137147	9.337	ppbv	98
3) Chlorodifluoromethane	2.658	51	1638583	9.401	ppbv	100
4) Chloromethane	2.796	50	614400	9.404	ppbv	96
5) Vinyl Chloride	2.902	62	650721	10.159	ppbv	99
6) Bromomethane	3.102	94	182405	6.540	ppbv	99
7) Chloroethane	3.179	64	220428	9.557	ppbv	99
8) Dichlorotetrafluoroethane	2.841	85	1617007	9.457	ppbv	98
9) Propene	2.677	41	527225	9.222	ppbv	96
10) Heptane	7.555	43	1357338	9.647	ppbv	100
11) Trichlorofluoromethane	3.542	101	1757552	9.530	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.044	101	1263170	9.450	ppbv	98
13) Ethanol	3.224	45	94014	6.900	ppbv	98
14) Bromoethene	3.349	108	493941	9.625	ppbv	97
15) Acetone	3.449	43	1195081	9.018	ppbv	97
16) 1,3-Butadiene	2.967	39	621751	9.808	ppbv	99
17) tert-Butyl alcohol	3.861	59	1010401	9.296	ppbv	99
18) 1,1-Dichloroethene	3.861	96	540208	9.440	ppbv	97
19) Isopropyl Alcohol	3.558	45	727866	9.488	ppbv	100
20) Methylene Chloride	3.912	84	442917	8.686	ppbv	99
21) Allyl Chloride	3.976	41	709129	8.807	ppbv	99
22) trans-1,2-Dichloroethene	4.423	96	574136	9.743	ppbv	98
23) Vinyl Acetate	4.607	43	1275962	9.341	ppbv	98
24) 1,1-Dichloroethane	4.542	63	1133986	9.358	ppbv	99
25) Ethyl Acetate	5.182	43	2246996	9.351	ppbv	99
26) Hexane	5.192	57	956134	9.335	ppbv	98
27) Carbon Disulfide	4.102	76	1361609	10.216	ppbv	99
28) Methyl tert-Butyl Ether	4.565	73	748222	8.802	ppbv	97
29) Chloroform	5.253	83	1704232	9.381	ppbv	98
30) Cyclohexane	6.578	84	834911	9.729	ppbv	99
31) cis-1,2-Dichloroethene	5.057	61	993816	10.338	ppbv	97
32) 1,1,1-Trichloroethane	5.979	97	1678700	9.668	ppbv	98
34) 2-Butanone	4.764	43	1228058	10.136	ppbv	100
35) Carbon Tetrachloride	6.471	117	1768901	10.431	ppbv	99
36) Benzene	6.349	78	2088737	9.945	ppbv	99
37) 1,2-Dichloroethane	5.783	62	1297914	10.126	ppbv	98
38) Trichloroethene	7.266	130	827664	9.829	ppbv	98
39) 1,2-Dichloropropane	7.050	63	810484	9.796	ppbv	94
40) 1,4-Dioxane	7.262	88	328765	9.567	ppbv	88
41) Tetrahydrofuran	5.533	42	829673	10.086	ppbv	99
42) Bromodichloromethane	7.227	83	1897154	10.345	ppbv	98
43) Methyl Methacrylate	7.449	69	854947	10.549	ppbv	97
44) 2,2,4-Trimethylpentane	7.301	57	3516684	9.951	ppbv	98
45) t-1,3-Dichloropropene	8.684	75	370329	6.687	ppbv	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012424\
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Instrument :
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 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
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Reviewed By :Mahesh Dadoda 01/25/2024
 Supervised By :Semsettin Yesilyurt 01/25/2024

Quant Time: Jan 25 03:22:07 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL012324AIR.M

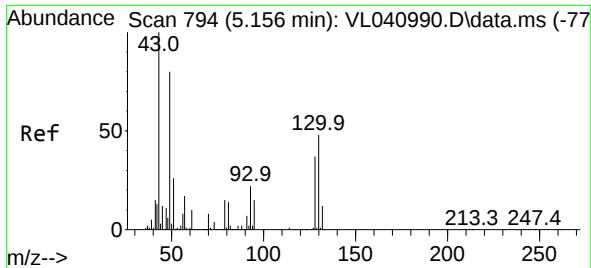
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2

QLast Update : Thu Jan 25 03:13:06 2024

Response via : Initial Calibration

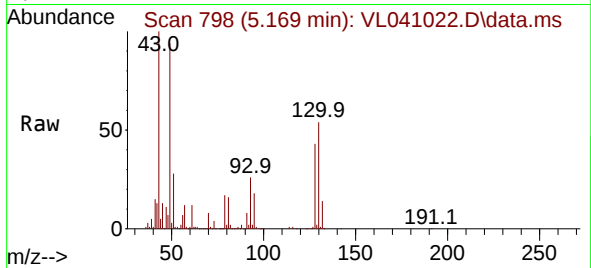
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.121	75	512020	7.414	ppbv	99
47) 1,1,2-Trichloroethane	8.873	97	891088	9.992	ppbv	99
48) Dibromochloromethane	9.687	129	1595569	10.582	ppbv	99
49) Bromoform	12.378	173	1292679	10.930	ppbv	99
50) 4-Methyl-2-Pentanone	8.156	43	2280222	10.687	ppbv	98
51) 2-Hexanone	9.526	43	1635465	10.634	ppbv #	100
52) Tetrachloroethene	10.590	164	696340	9.983	ppbv	97
53) Toluene	9.195	91	2393489	10.403	ppbv	100
54) 1,2-Dibromoethane	9.983	107	1151915	9.537	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.481	131	1159221	10.123	ppbv	97
57) Chlorobenzene	11.500	112	1865254	9.715	ppbv	98
58) Ethyl Benzene	12.060	91	3278220	10.228	ppbv	100
59) m/p-Xylene	12.339	91	5678488m	20.320	ppbv	
60) o-Xylene	13.031	91	2746425	10.243	ppbv	100
61) Styrene	12.870	104	1332627	10.824	ppbv	99
62) Isopropylbenzene	13.998	105	3974499	10.024	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.018	83	2067674	9.923	ppbv	98
64) n-propylbenzene	14.889	120	1028138	10.264	ppbv	98
65) tert-Butylbenzene	16.063	119	3486733	10.065	ppbv	98
66) Benzyl Chloride	16.301	91	120884m	5.325	ppbv	
67) sec-Butylbenzene	16.606	105	4969355	9.851	ppbv	99
69) p-Isopropyltoluene	16.966	119	3912466	10.013	ppbv	99
70) n-Butylbenzene	17.857	91	4245735	10.055	ppbv	99
71) 2-Chlorotoluene	14.770	91	3063506	10.013	ppbv	100
72) 4-Ethyltoluene	15.162	105	3098076	10.346	ppbv	98
73) 1,3,5-Trimethylbenzene	15.320	105	2709315	10.195	ppbv	99
74) 1,2,4-Trimethylbenzene	16.076	105	2981713	9.897	ppbv	94
75) 1,3-Dichlorobenzene	16.301	146	1664564	9.709	ppbv	99
76) 1,4-Dichlorobenzene	16.445	146	1593712	9.420	ppbv	99
77) 1,2-Dichlorobenzene	17.117	146	1623916m	9.529	ppbv	
78) Hexachloro-1,3-Butadiene	22.603	225	915895	8.334	ppbv	99
79) Naphthalene	21.352	128	1977898	11.509	ppbv	99
80) Naphthalene,2-methyl-	24.355	142	316909	10.499	ppbv	97
81) 1,2,4-Trichlorobenzene	21.111	180	974089	9.715	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.169 min Scan# 794
Delta R.T. 0.013 min
Lab File: VL041022.D
Acq: 24 Jan 2024 18:53

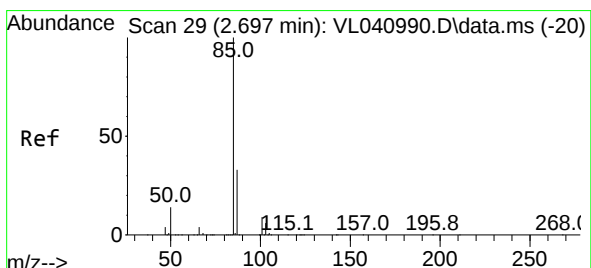
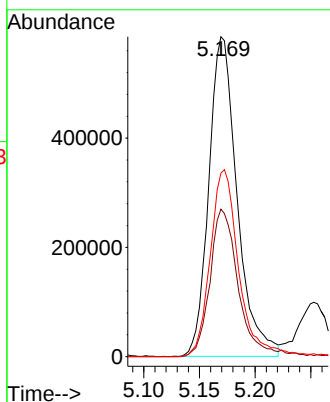
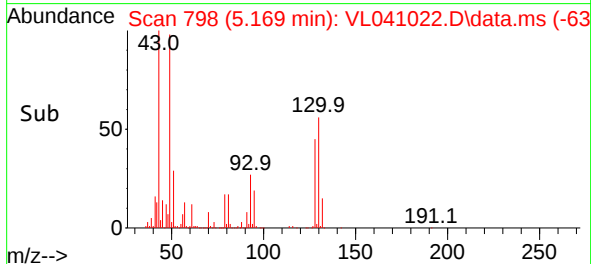
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



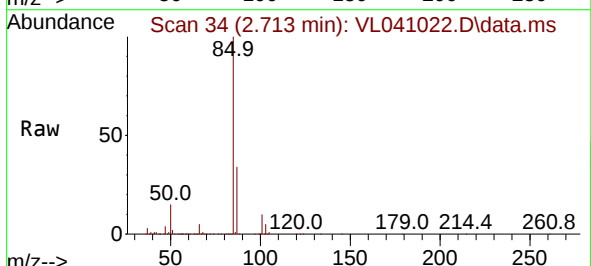
Tgt Ion: 49 Resp: 103629
Ion Ratio Lower Upper
49 100
128 47.2 23.9 71.7
130 59.6 31.1 93.5

Manual Integrations
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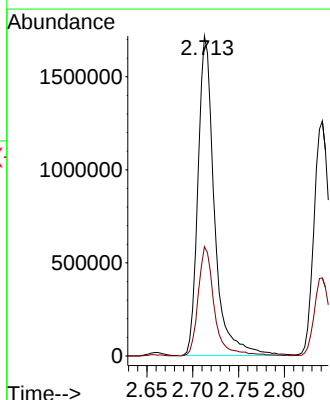
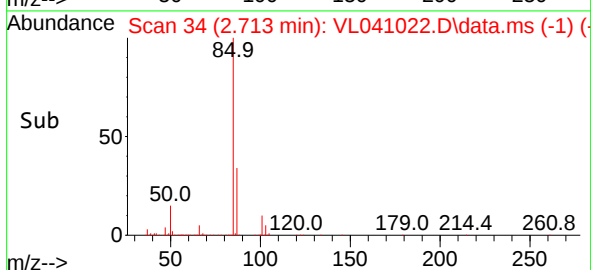
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

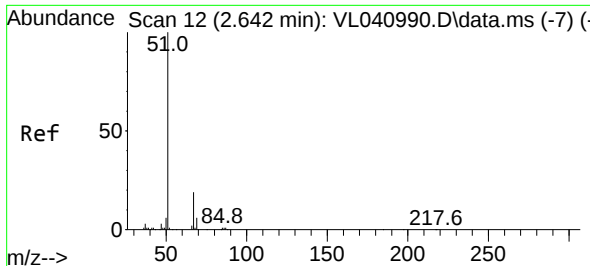


#2
Dichlorodifluoromethane
Concen: 9.337 ppbv
RT: 2.713 min Scan# 34
Delta R.T. 0.013 min
Lab File: VL041022.D
Acq: 24 Jan 2024 18:53



Tgt Ion: 85 Resp: 2137147
Ion Ratio Lower Upper
85 100
87 34.1 26.3 39.5





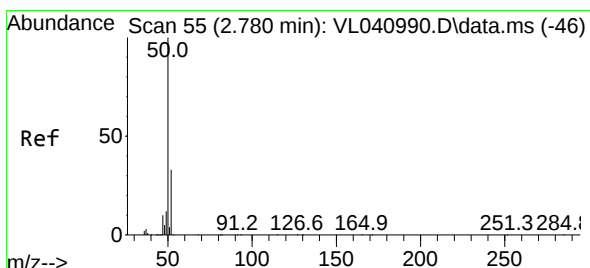
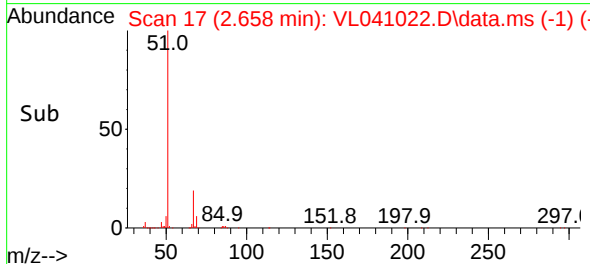
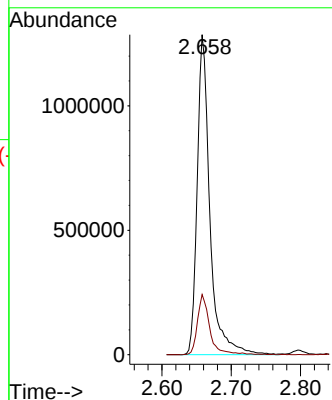
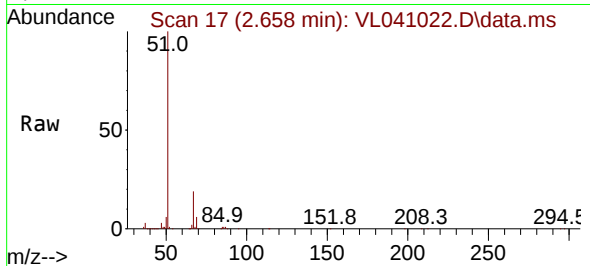
#3
Chlorodifluoromethane
Concen: 9.401 ppbv
RT: 2.658 min Scan# 11
Delta R.T. 0.013 min
Lab File: VL041022.D
Acq: 24 Jan 2024 18:53

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 51 Resp: 163858
Ion Ratio Lower Upper
51 100
67 18.5 14.8 22.2

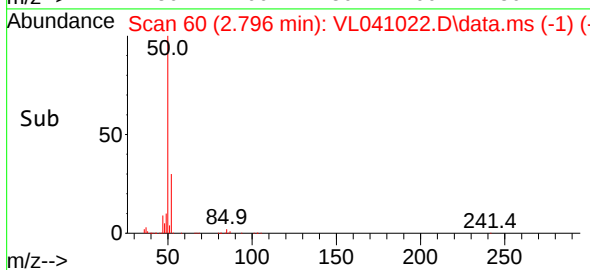
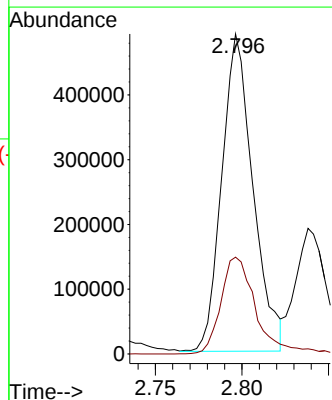
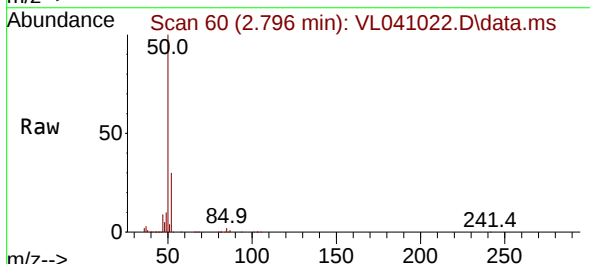
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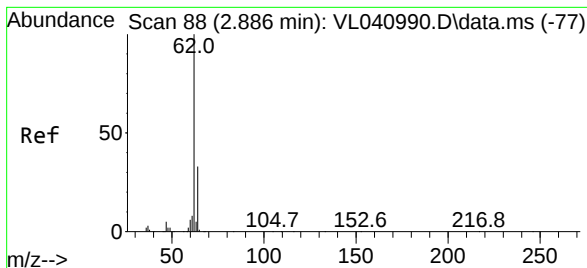
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#4
Chloromethane
Concen: 9.404 ppbv
RT: 2.796 min Scan# 60
Delta R.T. 0.013 min
Lab File: VL041022.D
Acq: 24 Jan 2024 18:53

Tgt Ion: 50 Resp: 614400
Ion Ratio Lower Upper
50 100
52 30.5 26.2 39.4





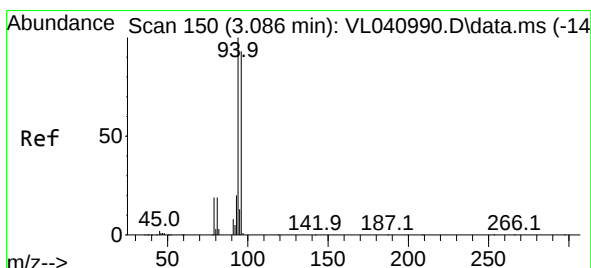
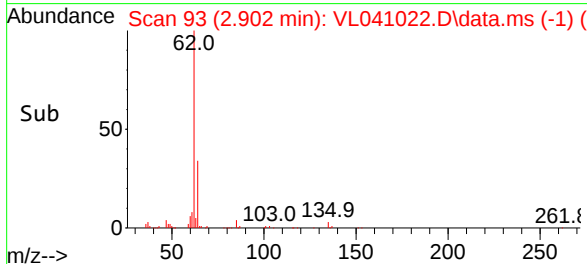
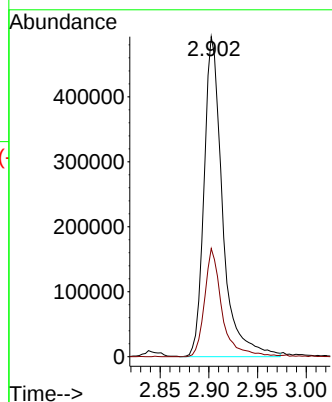
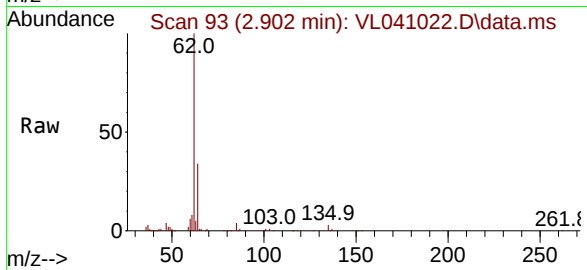
#5
 Vinyl Chloride
 Concen: 10.159 ppbv
 RT: 2.902 min Scan# 91
 Delta R.T. 0.013 min
 Lab File: VL041022.D
 Acq: 24 Jan 2024 18:53

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 62 Resp: 65072
 Ion Ratio Lower Upper
 62 100
 64 33.8 26.6 40.0

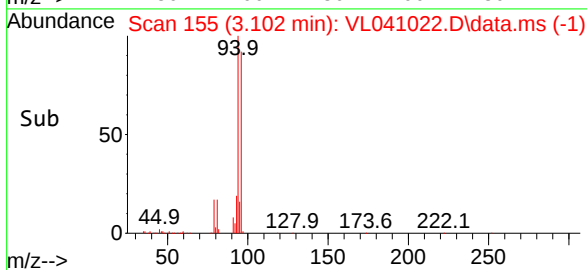
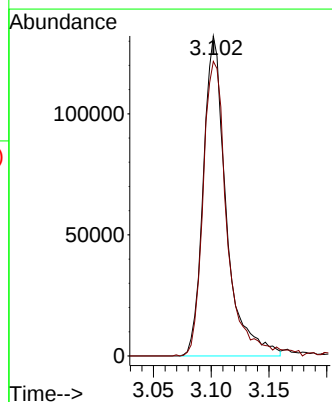
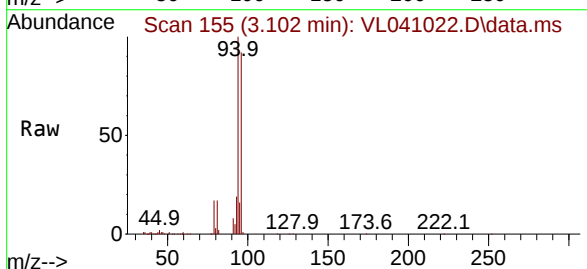
Manual Integrations
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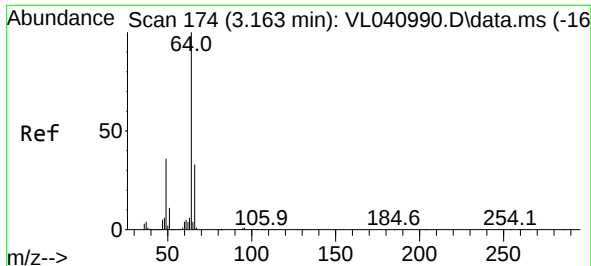
Reviewed By :Mahesh Dadoda 01/25/2024
 Supervised By :Semsettin Yesilyurt 01/25/2024



#6
 Bromomethane
 Concen: 6.540 ppbv
 RT: 3.102 min Scan# 155
 Delta R.T. 0.013 min
 Lab File: VL041022.D
 Acq: 24 Jan 2024 18:53

Tgt Ion: 94 Resp: 182405
 Ion Ratio Lower Upper
 94 100
 96 92.1 74.2 111.4





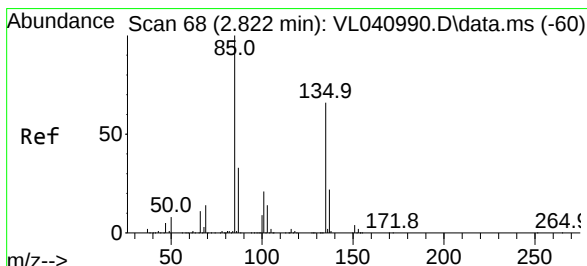
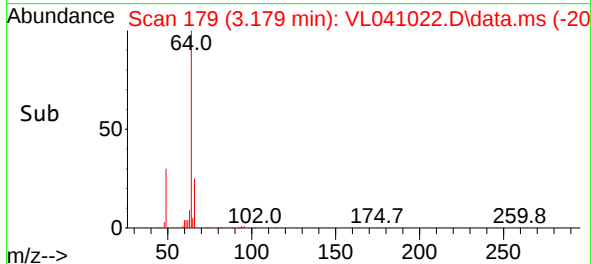
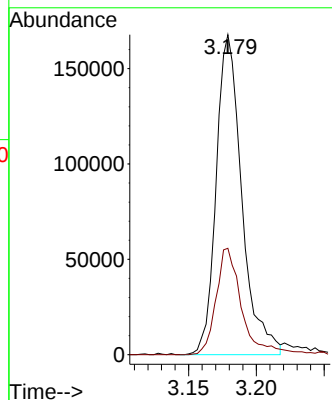
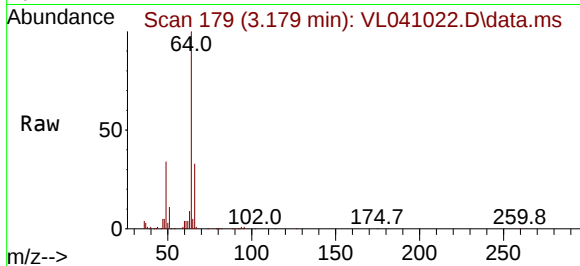
#7
Chloroethane
Concen: 9.557 ppbv
RT: 3.179 min Scan# 11
Delta R.T. 0.013 min
Lab File: VL041022.D
Acq: 24 Jan 2024 18:53

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 64 Resp: 220428
Ion Ratio Lower Upper
64 100
66 33.2 26.0 39.0

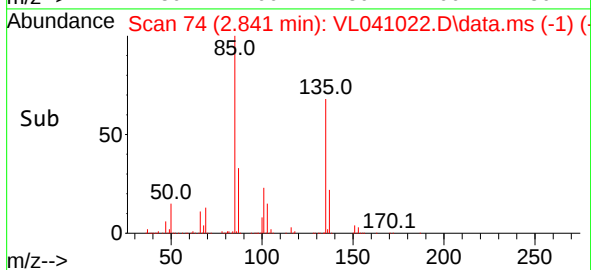
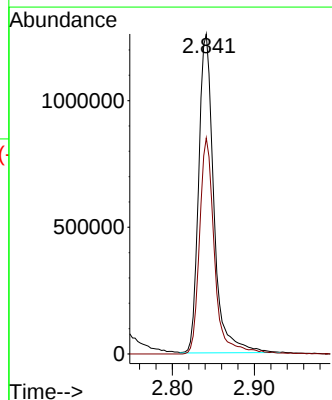
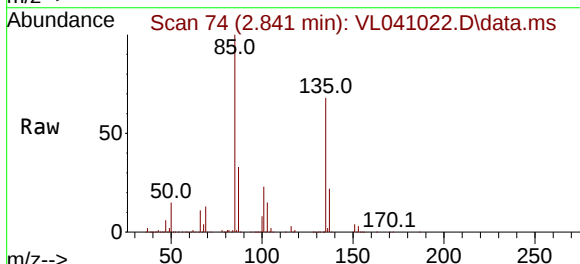
Manual Integrations
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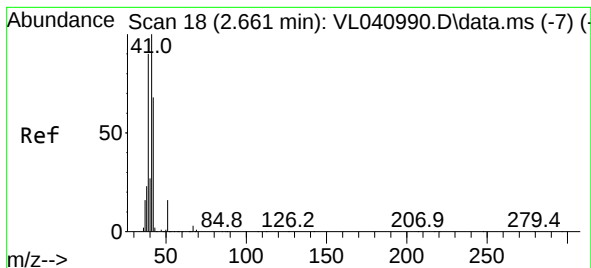
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#8
Dichlorotetrafluoroethane
Concen: 9.457 ppbv
RT: 2.841 min Scan# 74
Delta R.T. 0.016 min
Lab File: VL041022.D
Acq: 24 Jan 2024 18:53

Tgt Ion: 85 Resp: 1617007
Ion Ratio Lower Upper
85 100
135 67.2 55.0 82.6





#9

Propene

Concen: 9.222 ppbv

RT: 2.677 min Scan# 21

Delta R.T. 0.013 min

Lab File: VL041022.D

Acq: 24 Jan 2024 18:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 41 Resp: 527225

Ion Ratio Lower Upper

41 100

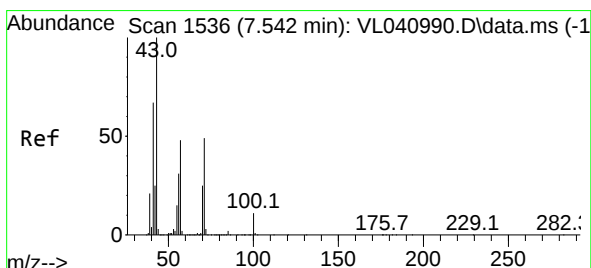
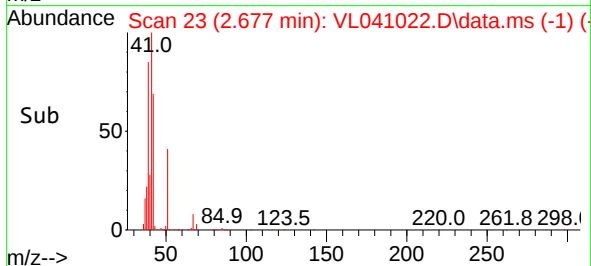
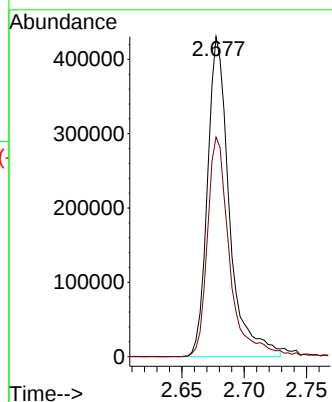
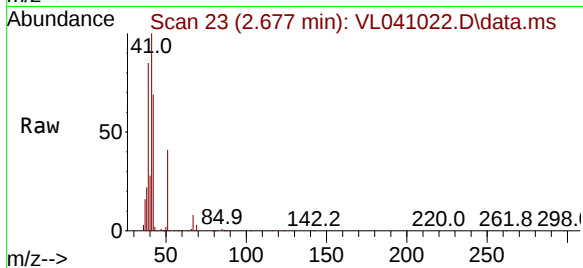
42 70.5 59.0 88.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024

Supervised By :Semsettin Yesilyurt 01/25/2024



#10

Heptane

Concen: 9.647 ppbv

RT: 7.555 min Scan# 1540

Delta R.T. 0.013 min

Lab File: VL041022.D

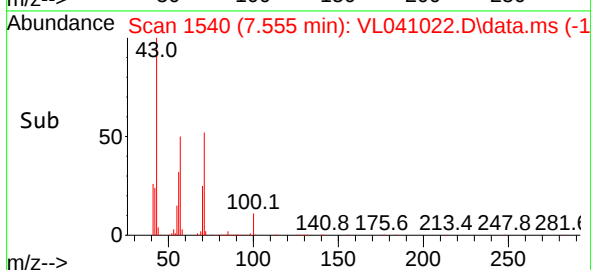
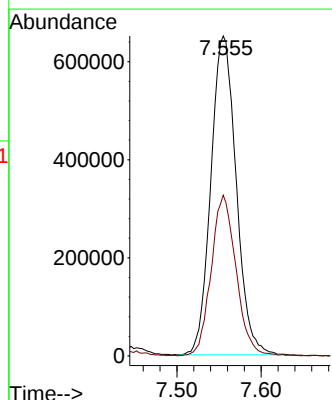
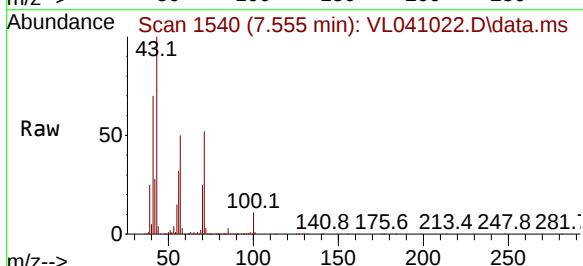
Acq: 24 Jan 2024 18:53

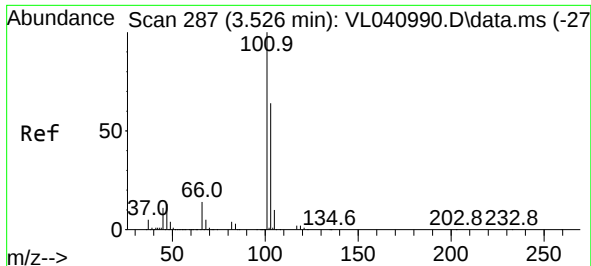
Tgt Ion: 43 Resp: 1357338

Ion Ratio Lower Upper

43 100

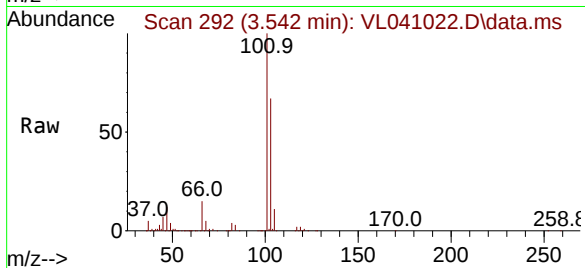
57 49.5 39.4 59.2





#11
Trichlorofluoromethane
Concen: 9.530 ppbv
RT: 3.542 min Scan# 291
Delta R.T. 0.013 min
Lab File: VL041022.D
Acq: 24 Jan 2024 18:53

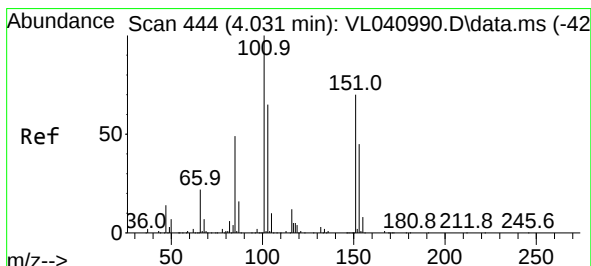
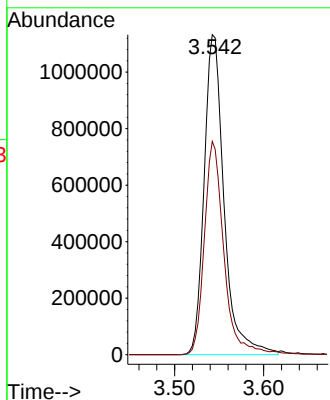
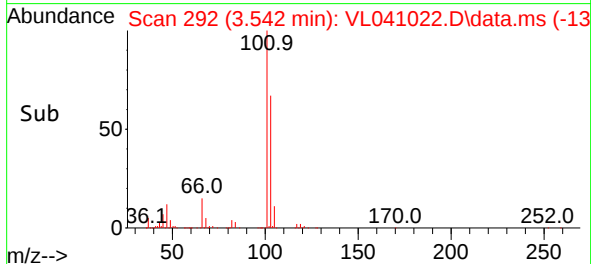
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



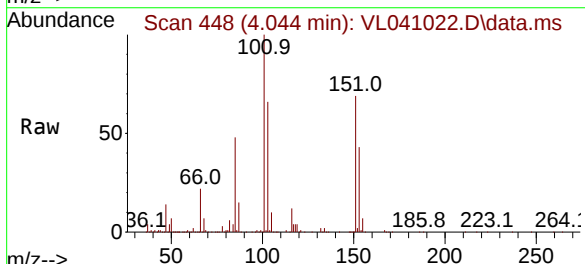
Tgt Ion:101 Resp: 175755
Ion Ratio Lower Upper
101 100
103 66.6 51.4 77.2

Manual Integrations
APPROVED

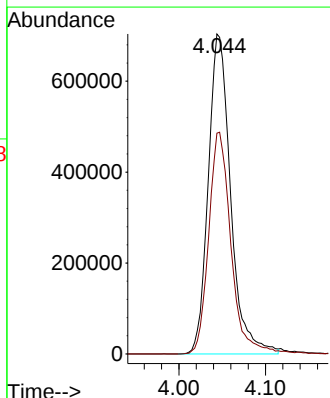
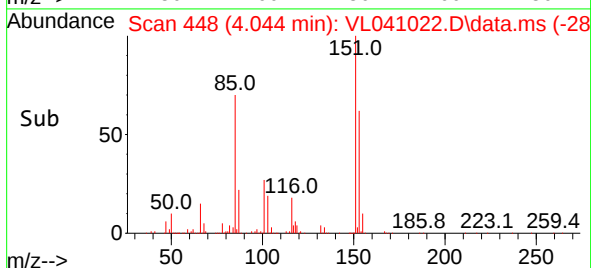
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

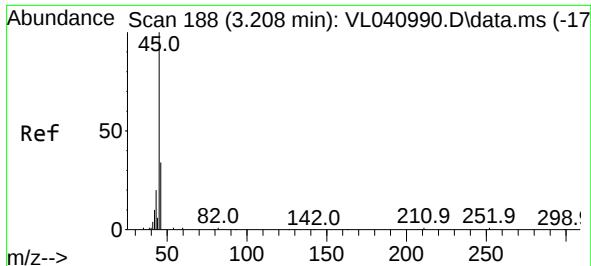


#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.450 ppbv
RT: 4.044 min Scan# 448
Delta R.T. 0.013 min
Lab File: VL041022.D
Acq: 24 Jan 2024 18:53



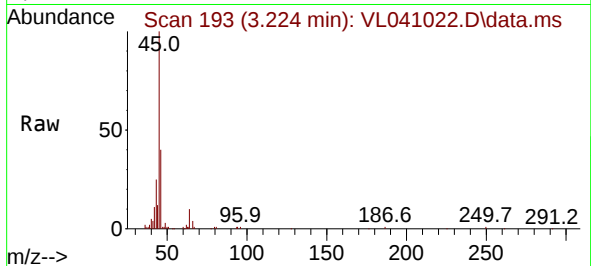
Tgt Ion:101 Resp: 1263170
Ion Ratio Lower Upper
101 100
151 69.4 56.6 85.0





#13
Ethanol
Concen: 6.900 ppbv
RT: 3.224 min Scan# 193
Delta R.T. 0.016 min
Lab File: VL041022.D
Acq: 24 Jan 2024 18:53

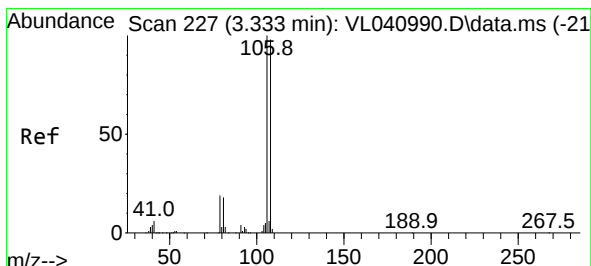
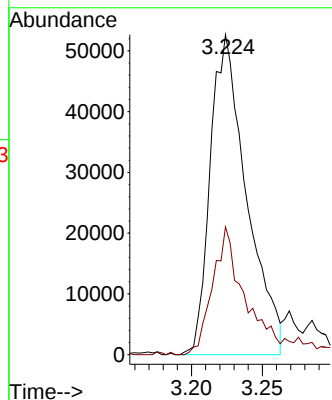
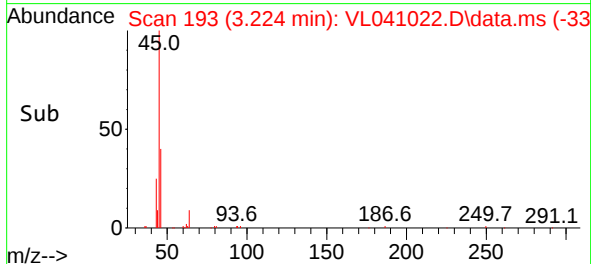
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



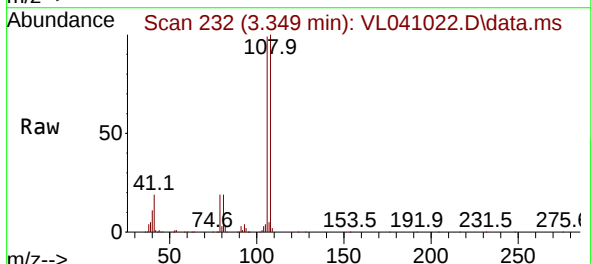
Tgt Ion: 45 Resp: 94014
Ion Ratio Lower Upper
45 100
46 41.6 16.2 64.8

Manual Integrations
APPROVED

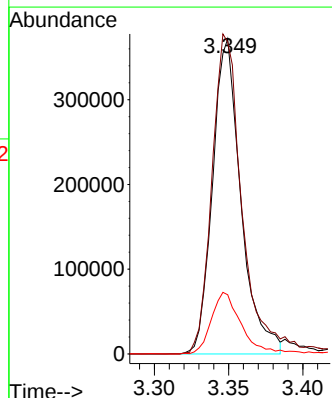
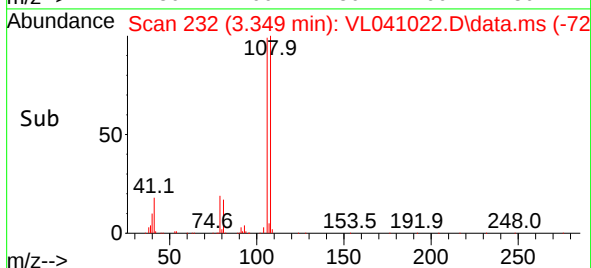
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

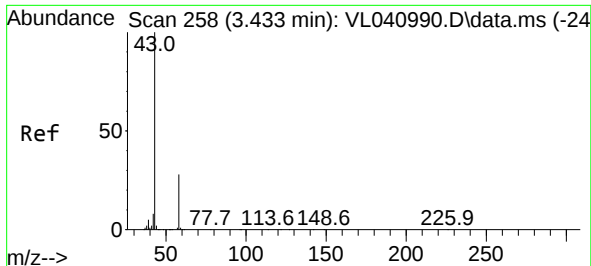


#14
Bromoethene
Concen: 9.625 ppbv
RT: 3.349 min Scan# 232
Delta R.T. 0.016 min
Lab File: VL041022.D
Acq: 24 Jan 2024 18:53



Tgt Ion:108 Resp: 493941
Ion Ratio Lower Upper
108 100
106 110.7 86.4 129.6
79 21.8 16.2 24.4





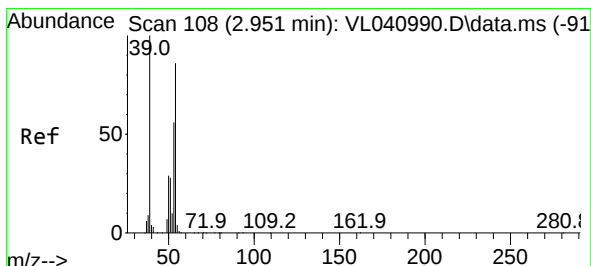
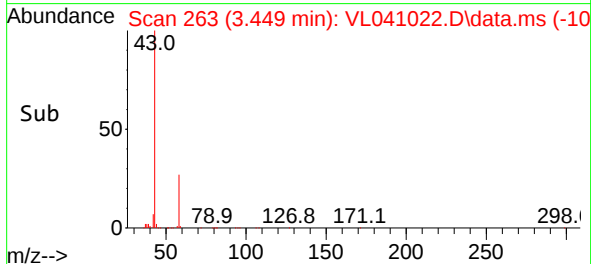
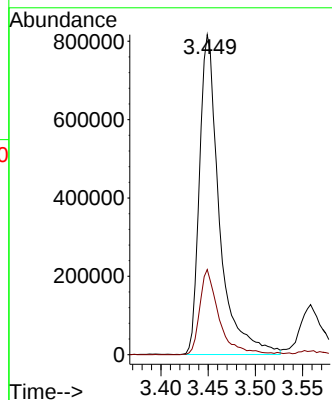
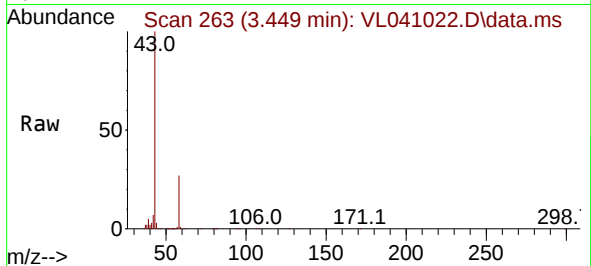
#15
Acetone
Concen: 9.018 ppbv
RT: 3.449 min Scan# 20
Delta R.T. 0.013 min
Lab File: VL041022.D
Acq: 24 Jan 2024 18:53

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 119508
Ion Ratio Lower Upper
43 100
58 26.2 22.2 33.2

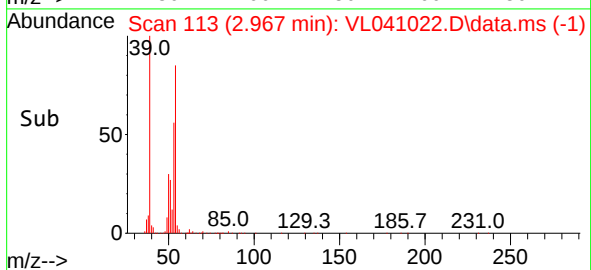
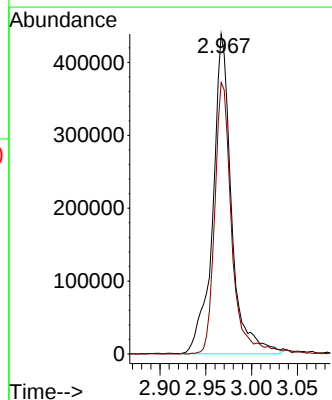
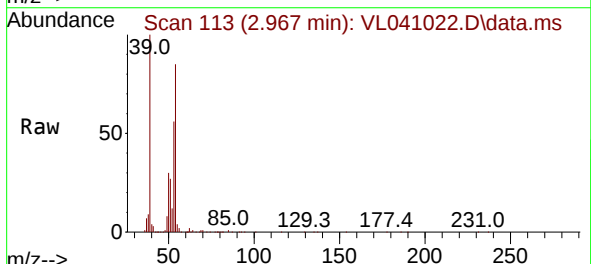
Manual Integrations
APPROVED

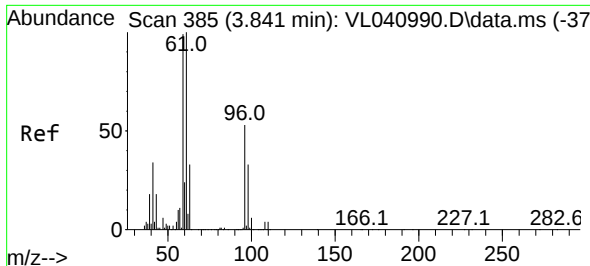
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#16
1,3-Butadiene
Concen: 9.808 ppbv
RT: 2.967 min Scan# 113
Delta R.T. 0.013 min
Lab File: VL041022.D
Acq: 24 Jan 2024 18:53

Tgt Ion: 39 Resp: 621751
Ion Ratio Lower Upper
39 100
54 77.9 62.7 94.1





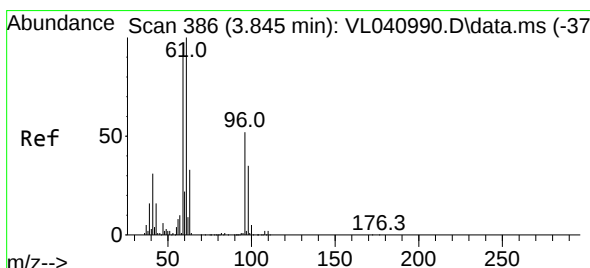
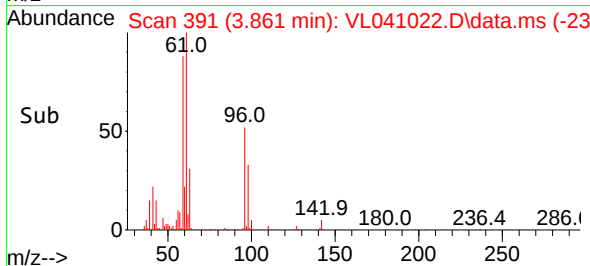
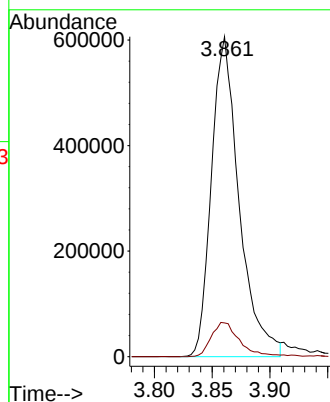
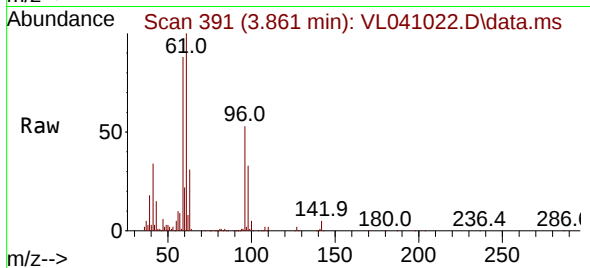
#17
tert-Butyl alcohol
Concen: 9.296 ppbv
RT: 3.861 min Scan# 391
Delta R.T. 0.016 min
Lab File: VL041022.D
Acq: 24 Jan 2024 18:53

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 59 Resp: 101040
Ion Ratio Lower Upper
59 100
57 11.4 8.7 13.1

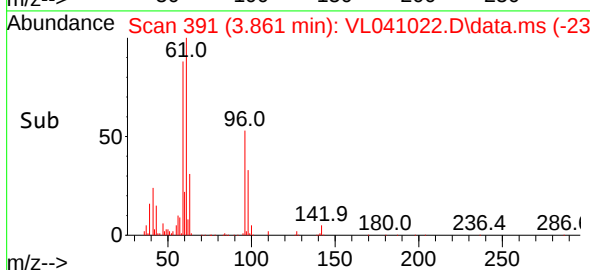
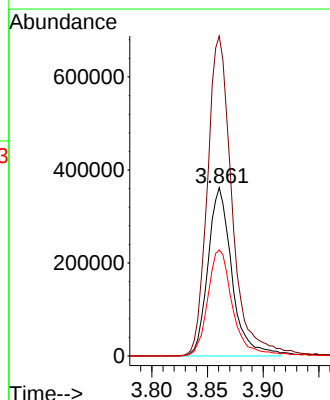
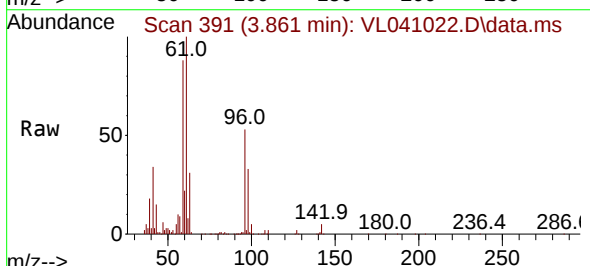
Manual Integrations
APPROVED

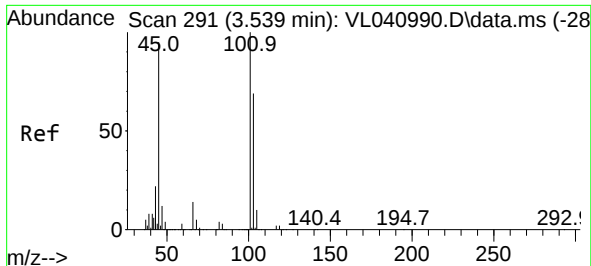
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#18
1,1-Dichloroethene
Concen: 9.440 ppbv
RT: 3.861 min Scan# 391
Delta R.T. 0.013 min
Lab File: VL041022.D
Acq: 24 Jan 2024 18:53

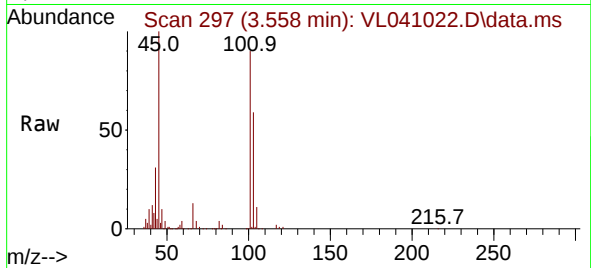
Tgt Ion: 96 Resp: 540208
Ion Ratio Lower Upper
96 100
61 189.9 153.8 230.8
98 62.9 53.7 80.5





#19
Isopropyl Alcohol
Concen: 9.488 ppbv
RT: 3.558 min Scan# 291
Delta R.T. 0.013 min
Lab File: VL041022.D
Acq: 24 Jan 2024 18:53

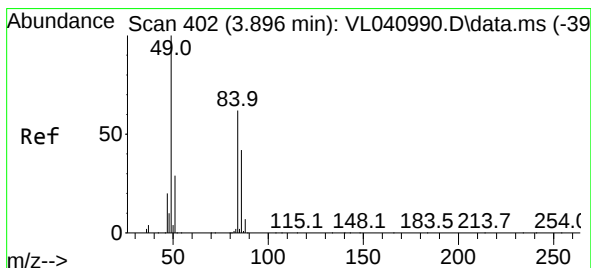
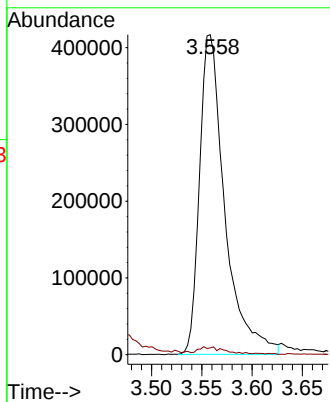
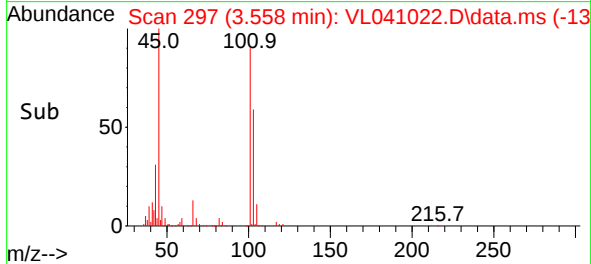
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



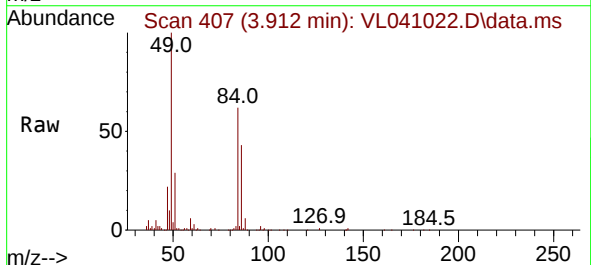
Tgt Ion: 45 Resp: 727860
Ion Ratio Lower Upper
45 100
58 2.8 2.2 3.4

Manual Integrations
APPROVED

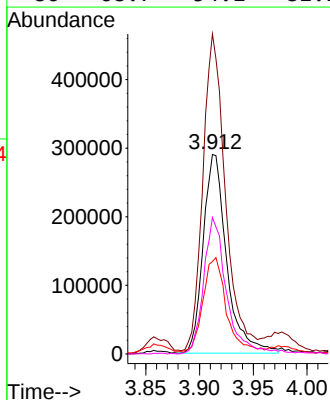
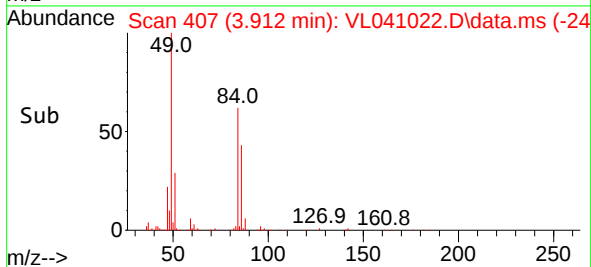
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

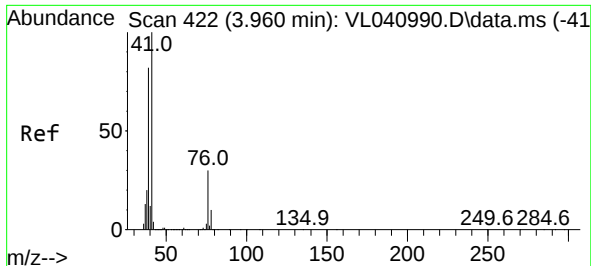


#20
Methylene Chloride
Concen: 8.686 ppbv
RT: 3.912 min Scan# 407
Delta R.T. 0.013 min
Lab File: VL041022.D
Acq: 24 Jan 2024 18:53



Tgt Ion: 84 Resp: 442917
Ion Ratio Lower Upper
84 100
49 159.1 128.1 192.1
51 45.1 36.5 54.7
86 68.7 54.1 81.1





#21

Allyl Chloride

Concen: 8.807 ppbv

RT: 3.976 min Scan# 41

Delta R.T. 0.013 min

Lab File: VL041022.D

Acq: 24 Jan 2024 18:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

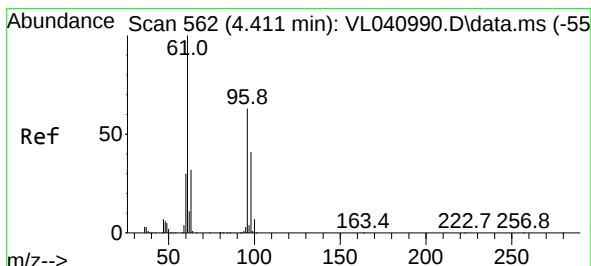
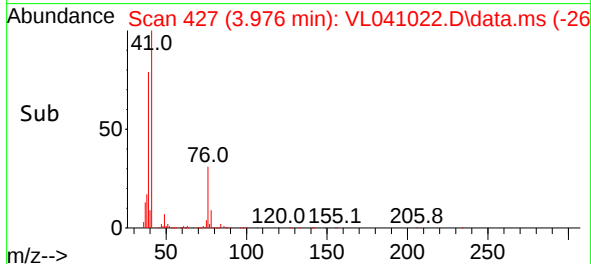
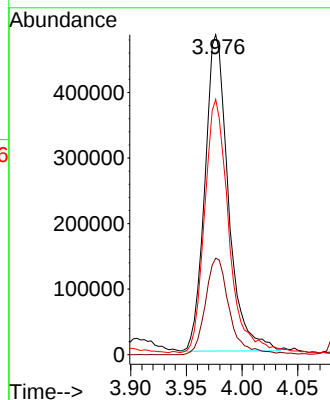
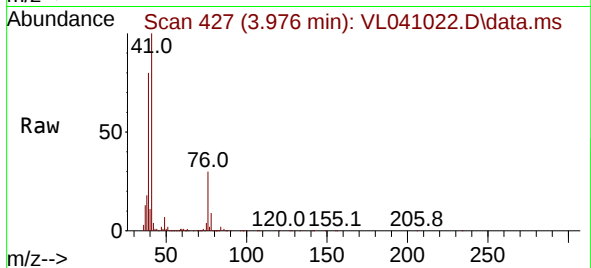
Tgt Ion: 41 Resp: 709129

Ion	Ratio	Lower	Upper
41	100		
76	31.4	25.0	37.4
39	84.5	67.0	100.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#22

trans-1,2-Dichloroethene

Concen: 9.743 ppbv

RT: 4.423 min Scan# 566

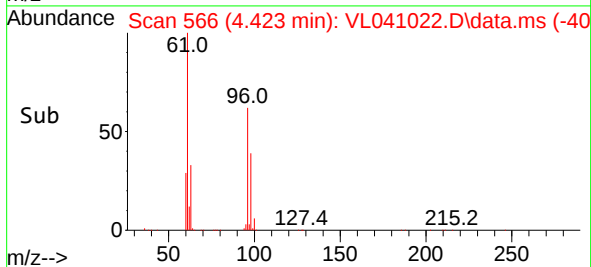
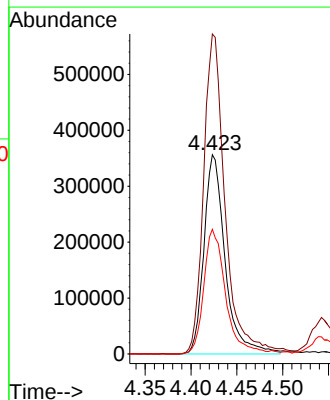
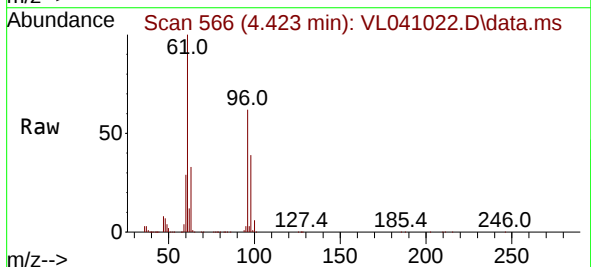
Delta R.T. 0.013 min

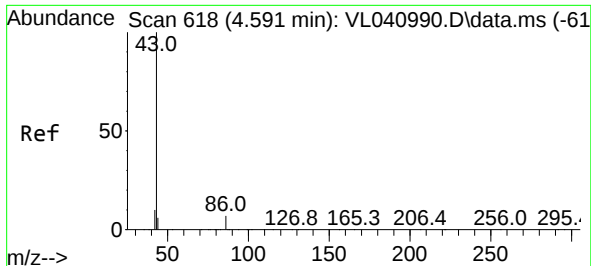
Lab File: VL041022.D

Acq: 24 Jan 2024 18:53

Tgt Ion: 96 Resp: 574136

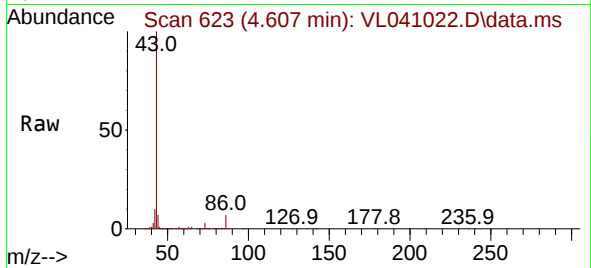
Ion	Ratio	Lower	Upper
96	100		
61	160.6	126.0	189.0
98	62.5	51.2	76.8





#23
 Vinyl Acetate
 Concen: 9.341 ppbv
 RT: 4.607 min Scan# 618
 Delta R.T. 0.013 min
 Lab File: VL041022.D
 Acq: 24 Jan 2024 18:53

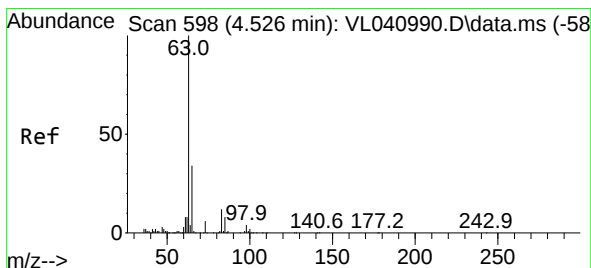
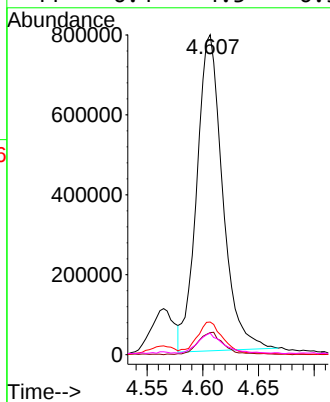
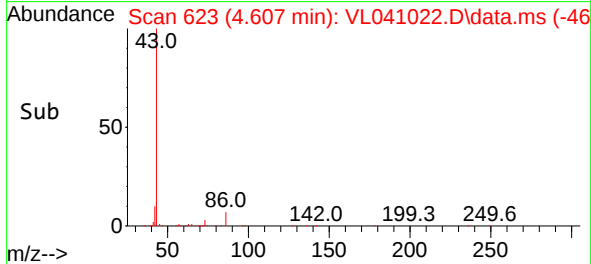
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 43 Resp: 1275962
 Ion Ratio Lower Upper
 43 100
 86 6.9 5.4 8.0
 42 10.2 8.6 13.0
 44 6.4 4.3 6.5

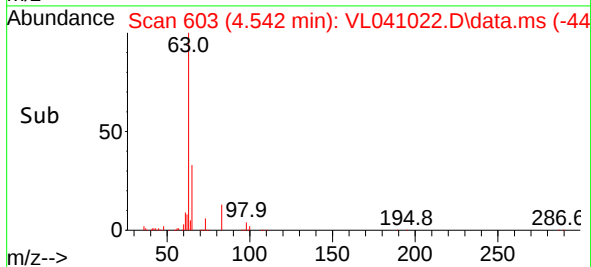
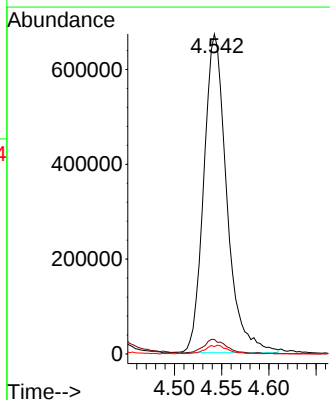
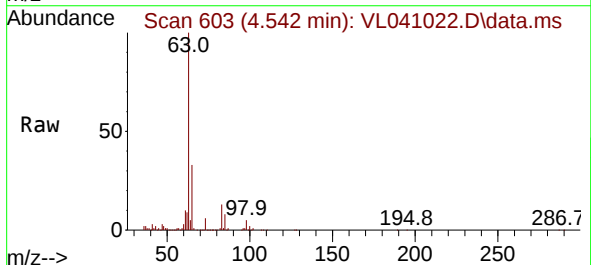
Manual Integrations
 APPROVED

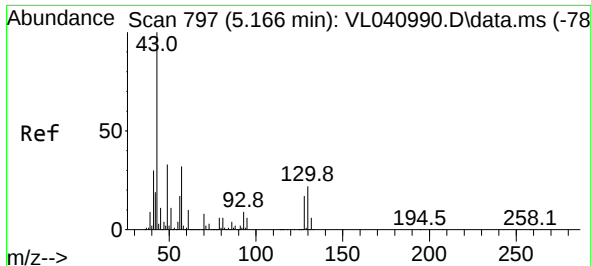
Reviewed By :Mahesh Dadoda 01/25/2024
 Supervised By :Semsettin Yesilyurt 01/25/2024



#24
 1,1-Dichloroethane
 Concen: 9.358 ppbv
 RT: 4.542 min Scan# 603
 Delta R.T. 0.013 min
 Lab File: VL041022.D
 Acq: 24 Jan 2024 18:53

Tgt Ion: 63 Resp: 1133986
 Ion Ratio Lower Upper
 63 100
 98 4.4 2.1 6.3
 100 2.2 1.3 3.9





#25

Ethyl Acetate

Concen: 9.351 ppbv

RT: 5.182 min Scan# 802

Delta R.T. 0.016 min

Lab File: VL041022.D

Acq: 24 Jan 2024 18:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 43 Resp: 2246990

Ion Ratio Lower Upper

43 100

45 10.0 8.2 12.4

61 9.8 7.9 11.9

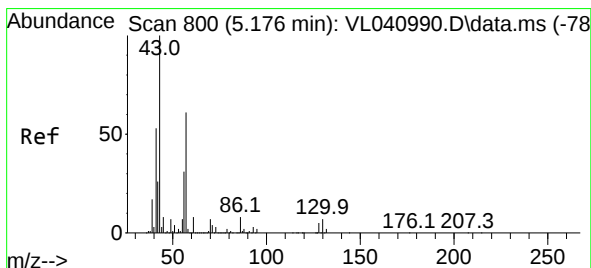
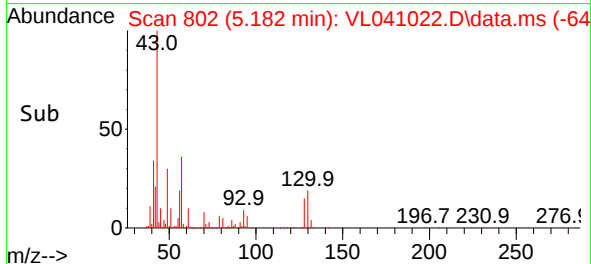
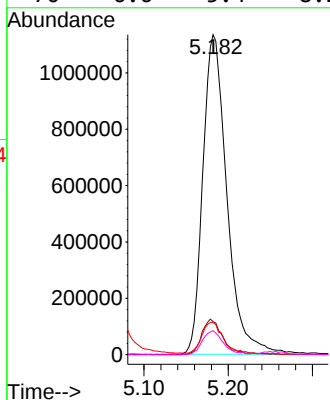
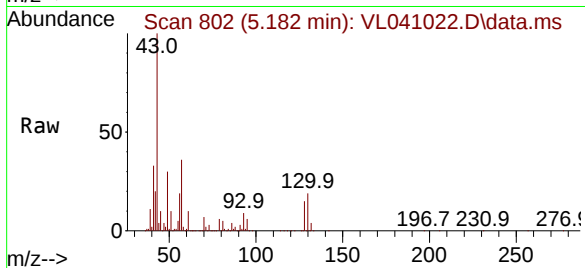
70 6.6 5.4 8.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024

Supervised By :Semsettin Yesilyurt 01/25/2024



#26

Hexane

Concen: 9.335 ppbv

RT: 5.192 min Scan# 805

Delta R.T. 0.013 min

Lab File: VL041022.D

Acq: 24 Jan 2024 18:53

Tgt Ion: 57 Resp: 956134

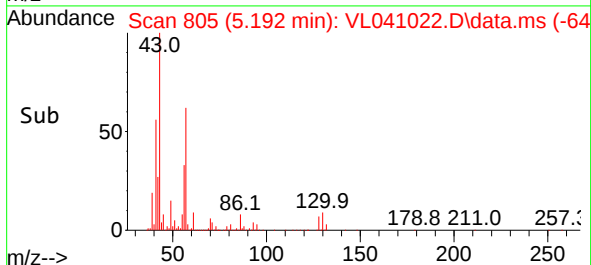
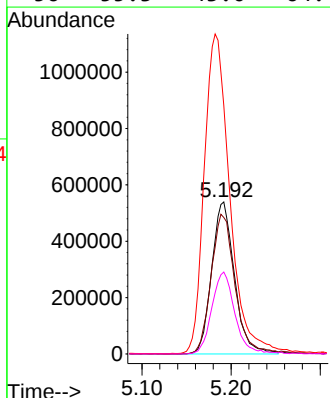
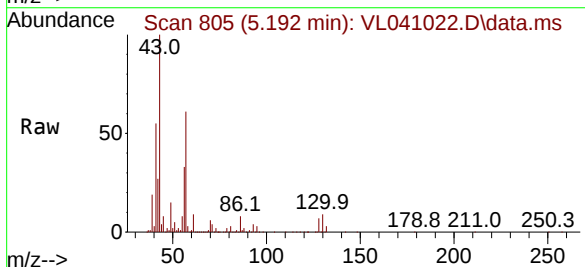
Ion Ratio Lower Upper

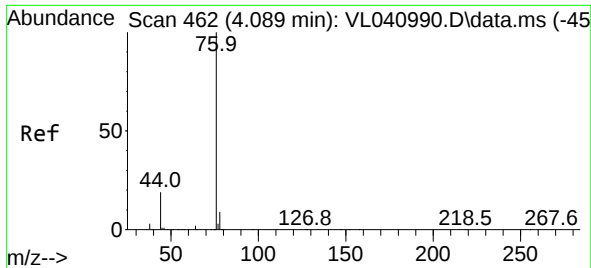
57 100

41 98.0 74.4 111.6

43 237.9 190.6 285.8

56 55.3 43.0 64.4





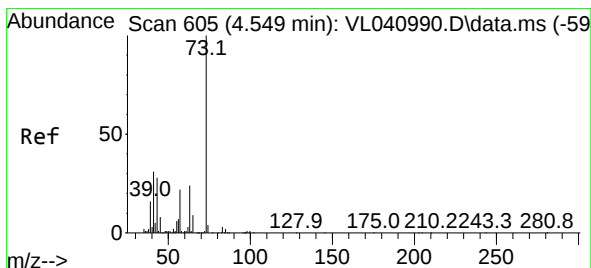
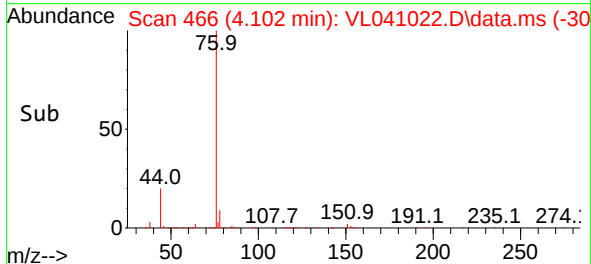
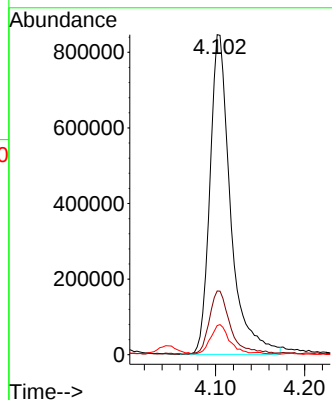
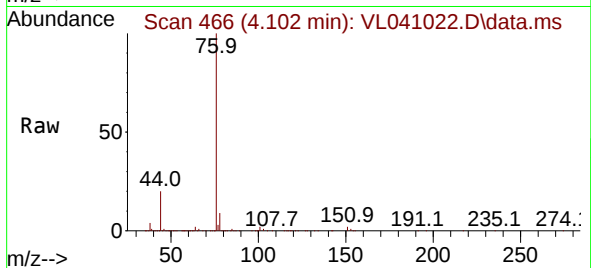
#27
Carbon Disulfide
Concen: 10.216 ppbv
RT: 4.102 min Scan# 408
Delta R.T. 0.010 min
Lab File: VL041022.D
Acq: 24 Jan 2024 18:53

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 76 Resp: 1361609
Ion Ratio Lower Upper
76 100
44 20.8 16.0 24.0
78 10.0 7.8 11.8

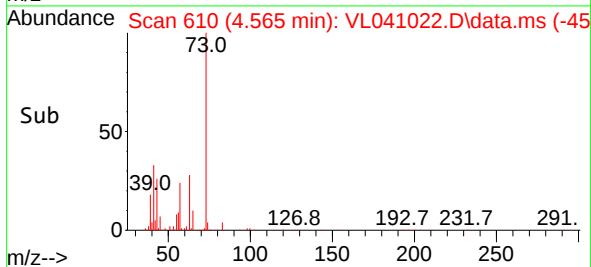
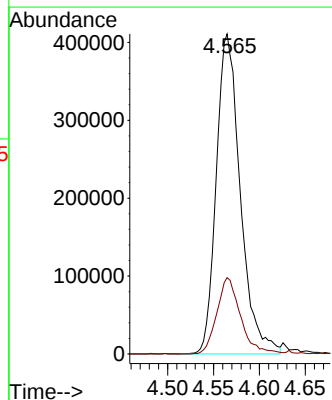
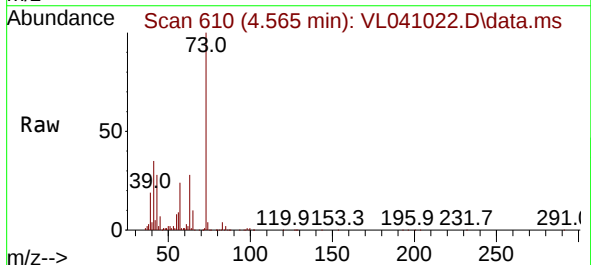
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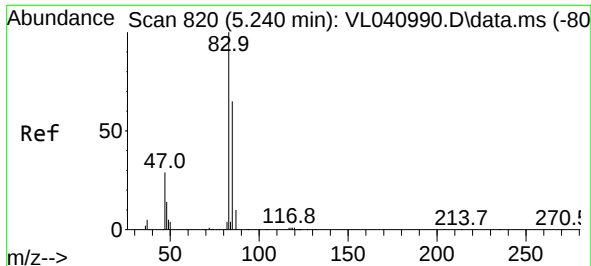
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#28
Methyl tert-Butyl Ether
Concen: 8.802 ppbv
RT: 4.565 min Scan# 610
Delta R.T. 0.013 min
Lab File: VL041022.D
Acq: 24 Jan 2024 18:53

Tgt Ion: 73 Resp: 748222
Ion Ratio Lower Upper
73 100
57 24.1 18.0 27.0





#29

Chloroform

Concen: 9.381 ppbv

RT: 5.253 min Scan# 81

Delta R.T. 0.013 min

Lab File: VL041022.D

Acq: 24 Jan 2024 18:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 83 Resp: 170423

Ion Ratio Lower Upper

83 100

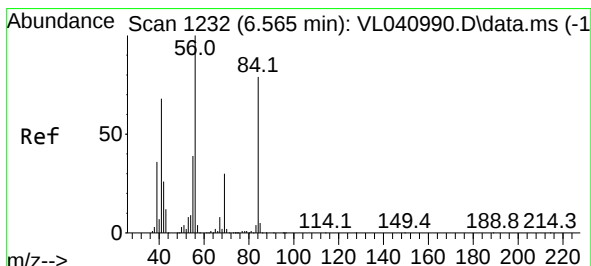
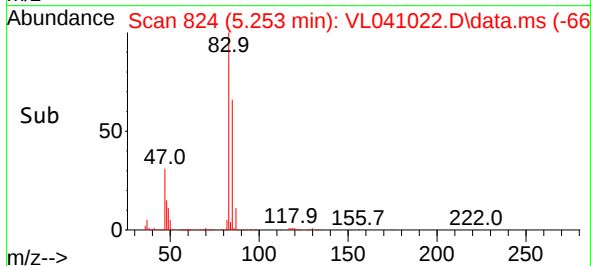
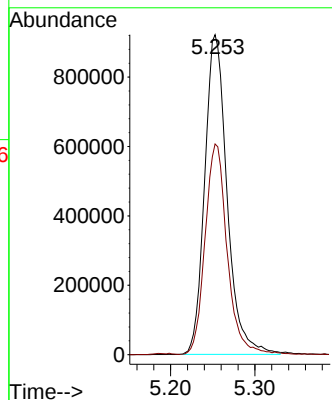
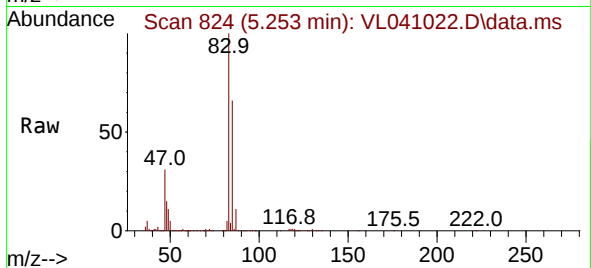
85 65.8 51.6 77.4

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Reviewed By :Mahesh Dadoda 01/25/2024

Supervised By :Semsettin Yesilyurt 01/25/2024



#30

Cyclohexane

Concen: 9.729 ppbv

RT: 6.578 min Scan# 1236

Delta R.T. 0.013 min

Lab File: VL041022.D

Acq: 24 Jan 2024 18:53

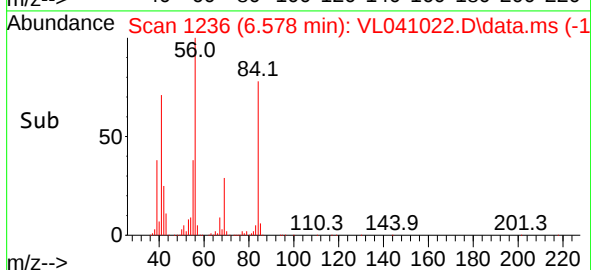
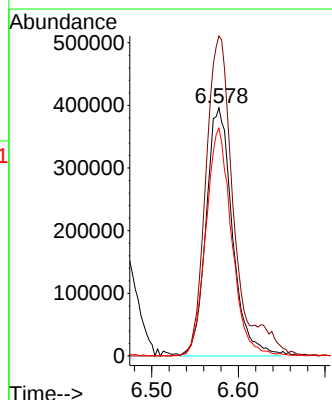
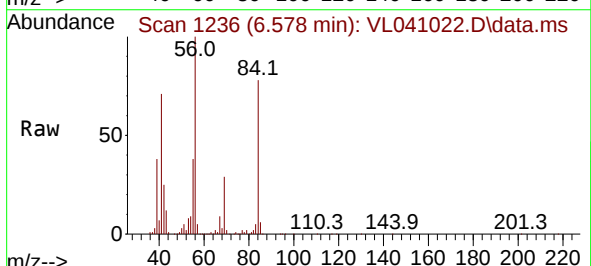
Tgt Ion: 84 Resp: 834911

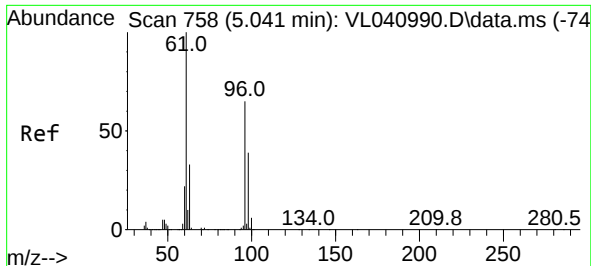
Ion Ratio Lower Upper

84 100

56 137.9 111.7 167.5

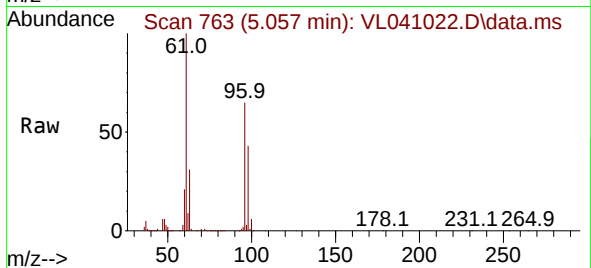
41 90.0 71.0 106.6





#31
cis-1,2-Dichloroethene
Concen: 10.338 ppbv
RT: 5.057 min Scan# 70
Delta R.T. 0.013 min
Lab File: VL041022.D
Acq: 24 Jan 2024 18:53

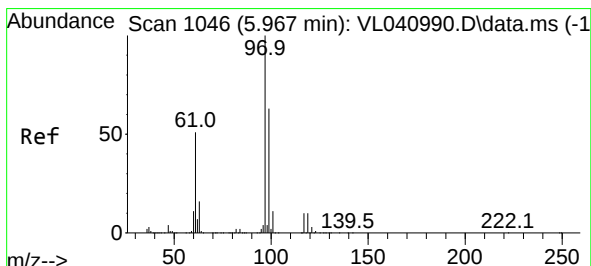
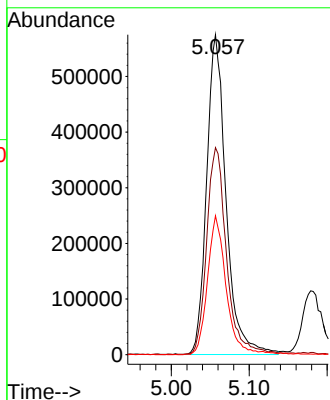
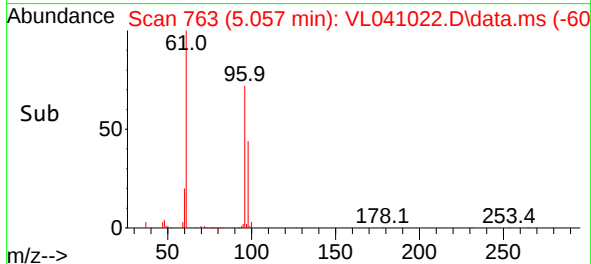
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 61 Resp: 993810
Ion Ratio Lower Upper
61 100
96 64.6 51.9 77.9
98 43.4 31.5 47.3

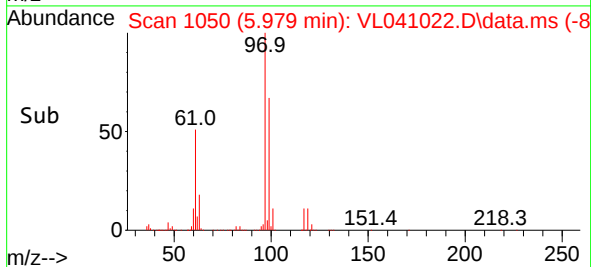
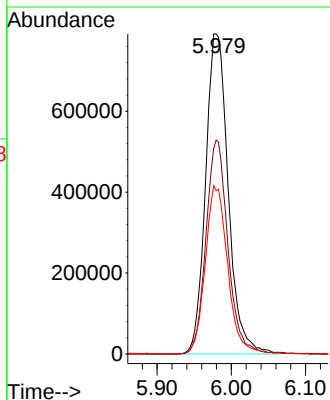
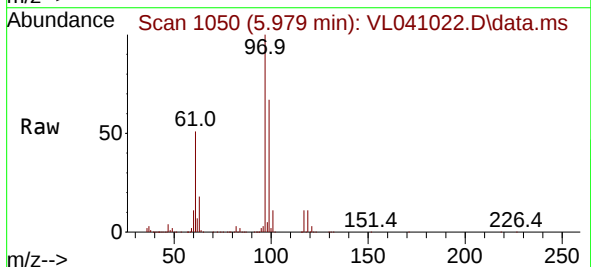
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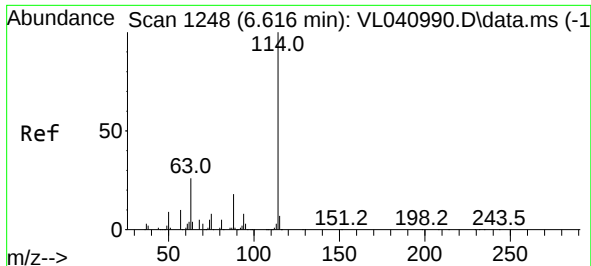
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#32
1,1,1-Trichloroethane
Concen: 9.668 ppbv
RT: 5.979 min Scan# 1050
Delta R.T. 0.010 min
Lab File: VL041022.D
Acq: 24 Jan 2024 18:53

Tgt Ion: 97 Resp: 1678700
Ion Ratio Lower Upper
97 100
99 64.9 51.5 77.3
61 52.4 40.3 60.5





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.629 min Scan# 114

Delta R.T. 0.013 min

Lab File: VL041022.D

Acq: 24 Jan 2024 18:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:114 Resp: 254311

Ion Ratio Lower Upper

114 100

63 26.5 20.8 31.2

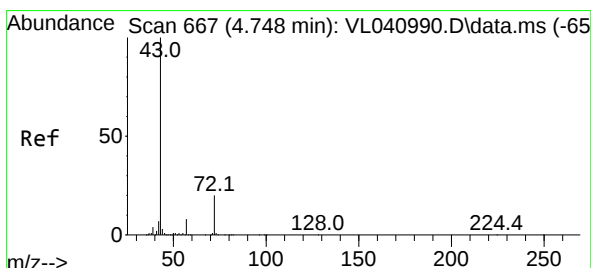
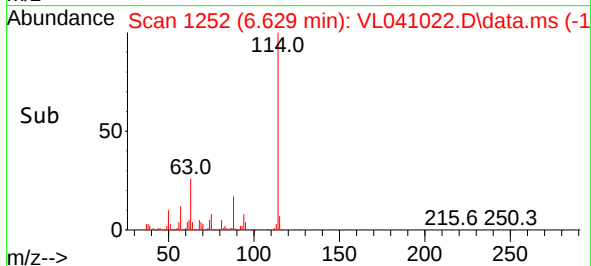
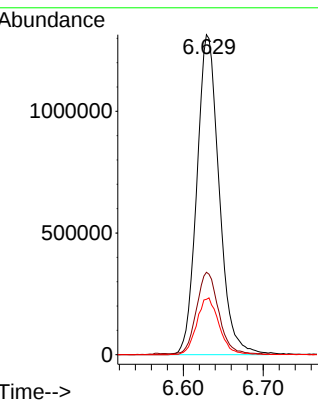
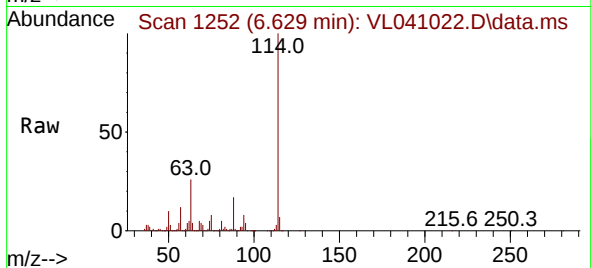
88 18.0 14.3 21.5

Manual Integrations

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Reviewed By :Mahesh Dadoda 01/25/2024

Supervised By :Semsettin Yesilyurt 01/25/2024



#34

2-Butanone

Concen: 10.136 ppbv

RT: 4.764 min Scan# 672

Delta R.T. 0.013 min

Lab File: VL041022.D

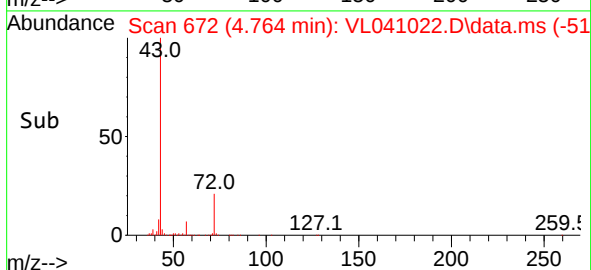
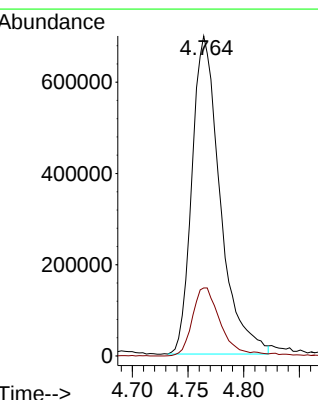
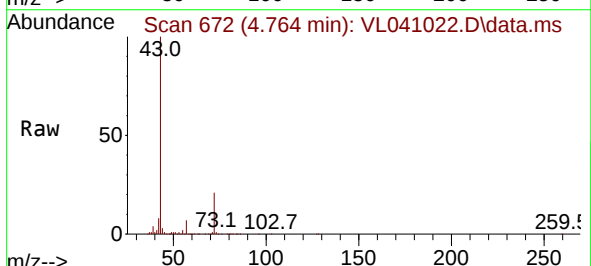
Acq: 24 Jan 2024 18:53

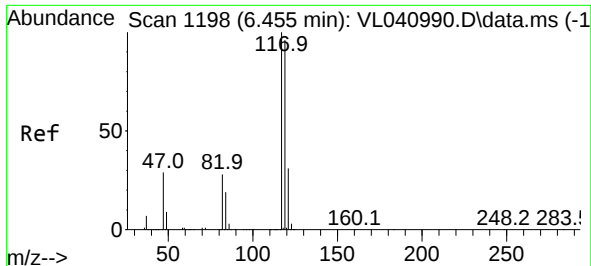
Tgt Ion: 43 Resp: 1228058

Ion Ratio Lower Upper

43 100

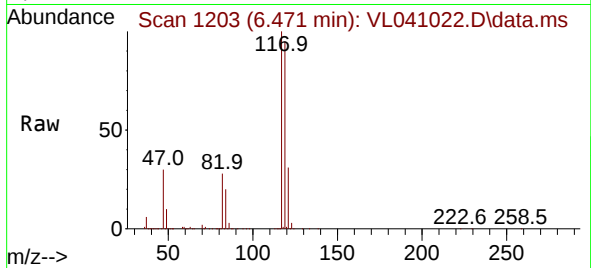
72 22.1 17.5 26.3





#35
Carbon Tetrachloride
Concen: 10.431 ppbv
RT: 6.471 min Scan# 1198
Delta R.T. 0.013 min
Lab File: VL041022.D
Acq: 24 Jan 2024 18:53

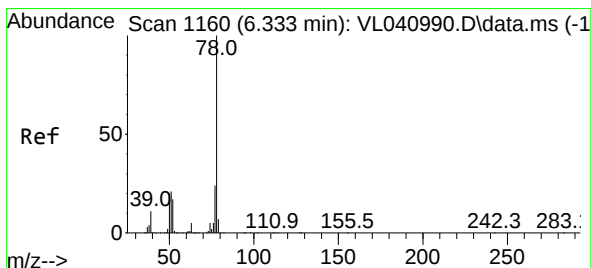
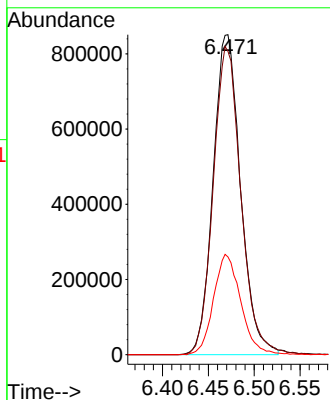
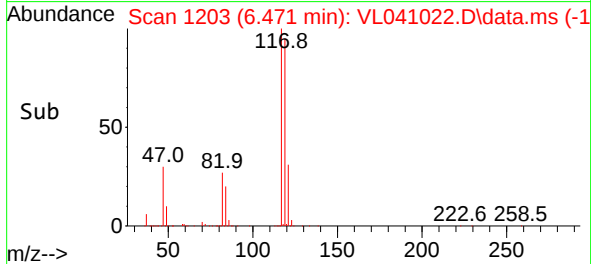
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



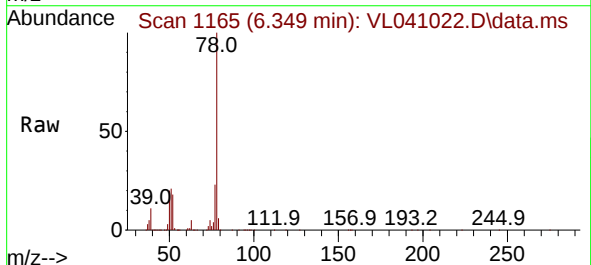
Tgt Ion:117 Resp: 176890
Ion Ratio Lower Upper
117 100
119 94.8 76.9 115.3
121 30.5 24.7 37.1

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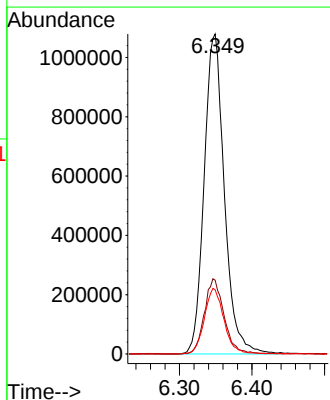
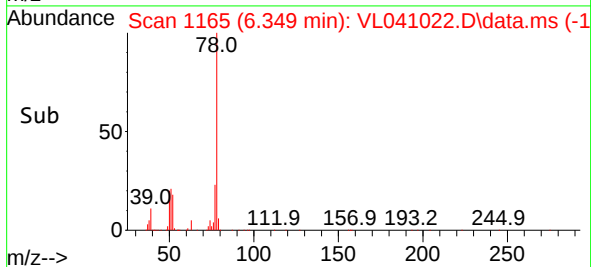
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

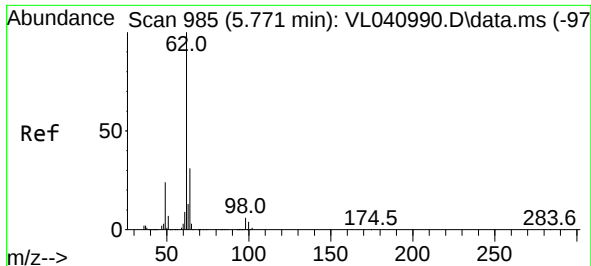


#36
Benzene
Concen: 9.945 ppbv
RT: 6.349 min Scan# 1165
Delta R.T. 0.016 min
Lab File: VL041022.D
Acq: 24 Jan 2024 18:53



Tgt Ion: 78 Resp: 2088737
Ion Ratio Lower Upper
78 100
77 23.0 19.0 28.4
50 20.0 15.8 23.6





#37

1,2-Dichloroethane

Concen: 10.126 ppbv

RT: 5.783 min Scan# 91

Delta R.T. 0.010 min

Lab File: VL041022.D

Acq: 24 Jan 2024 18:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 62 Resp: 1297914

Ion Ratio Lower Upper

62 100

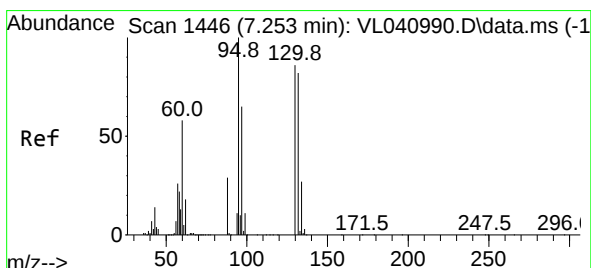
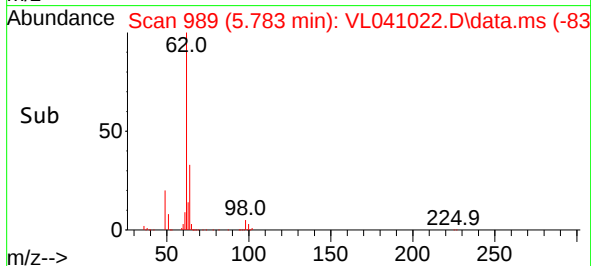
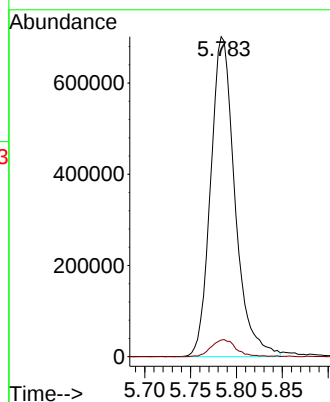
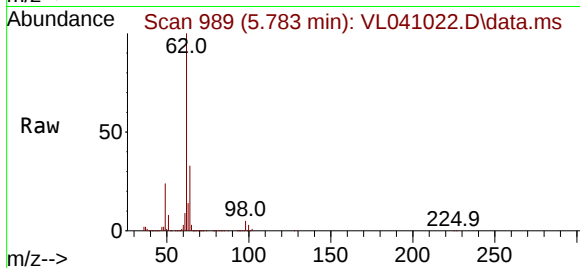
98 5.4 4.7 7.1

Manual Integrations

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Reviewed By :Mahesh Dadoda 01/25/2024

Supervised By :Semsettin Yesilyurt 01/25/2024



#38

Trichloroethene

Concen: 9.829 ppbv

RT: 7.266 min Scan# 1450

Delta R.T. 0.013 min

Lab File: VL041022.D

Acq: 24 Jan 2024 18:53

Tgt Ion:130 Resp: 827664

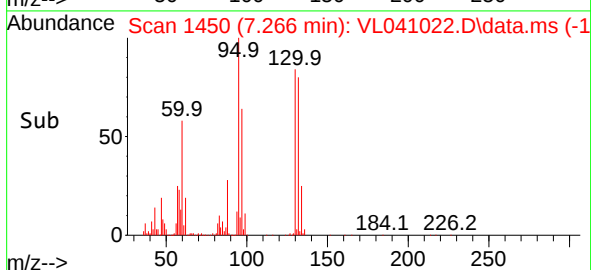
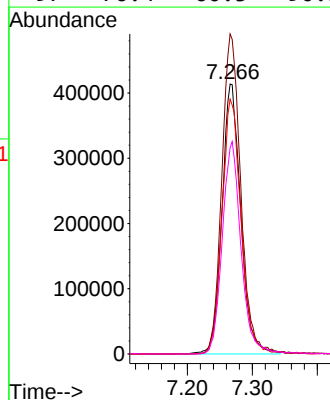
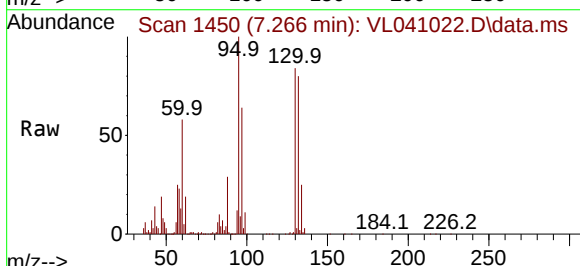
Ion Ratio Lower Upper

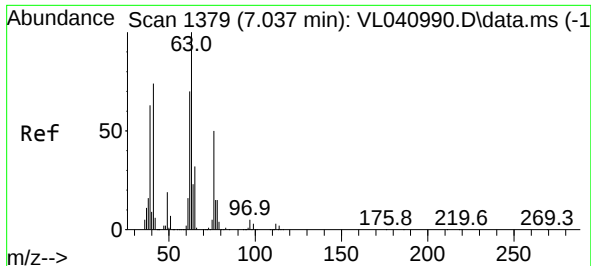
130 100

95 118.5 92.9 139.3

132 94.4 76.2 114.2

97 76.4 60.3 90.5





#39

1,2-Dichloropropane

Concen: 9.796 ppbv

RT: 7.050 min Scan# 11

Delta R.T. 0.013 min

Lab File: VL041022.D

Acq: 24 Jan 2024 18:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

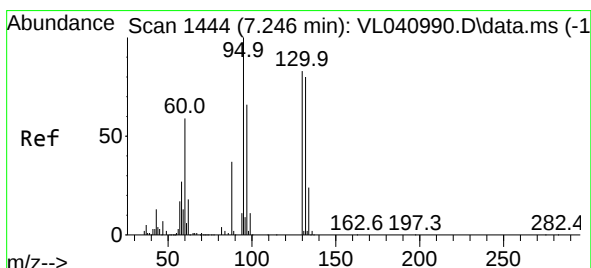
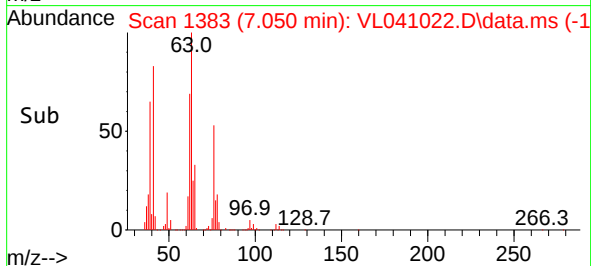
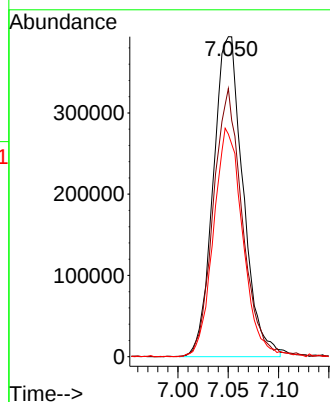
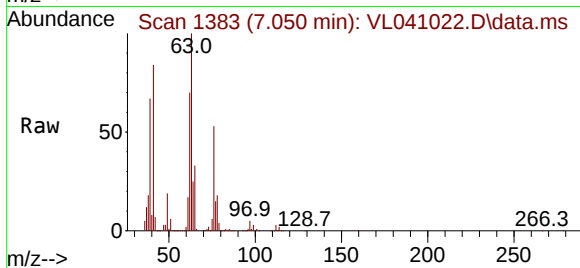
Tgt Ion: 63 Resp: 810484

Ion	Ratio	Lower	Upper
63	100		
41	83.7	59.6	89.4
62	69.5	55.6	83.4

Manual Integrations

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Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#40

1,4-Dioxane

Concen: 9.567 ppbv

RT: 7.262 min Scan# 1449

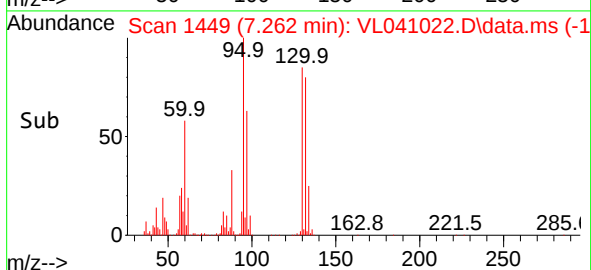
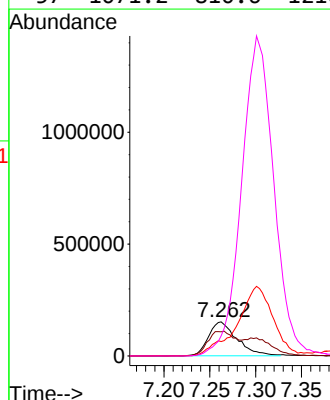
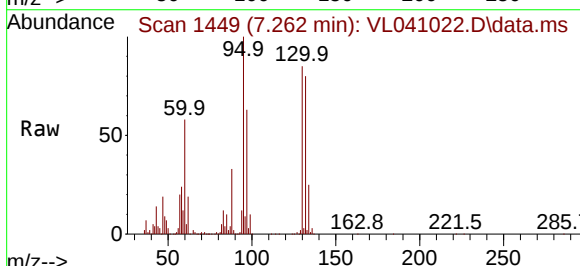
Delta R.T. 0.013 min

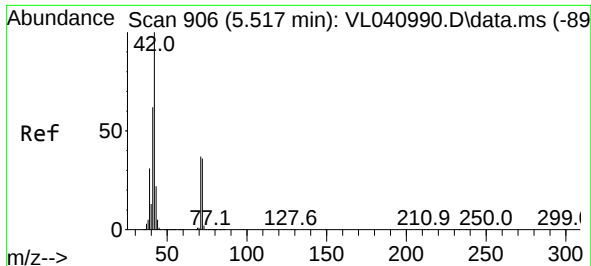
Lab File: VL041022.D

Acq: 24 Jan 2024 18:53

Tgt Ion: 88 Resp: 328765

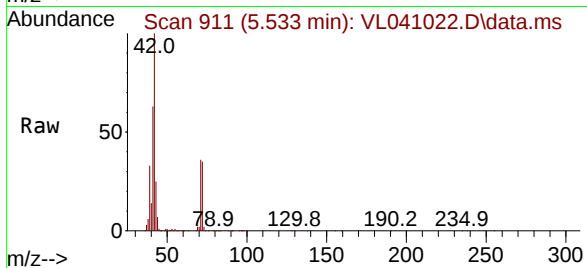
Ion	Ratio	Lower	Upper
88	100		
58	124.3	96.6	144.8
43	258.3	191.0	286.6
57	1071.2	810.6	1216.0





#41
Tetrahydrofuran
Concen: 10.086 ppbv
RT: 5.533 min Scan# 911
Delta R.T. 0.013 min
Lab File: VL041022.D
Acq: 24 Jan 2024 18:53

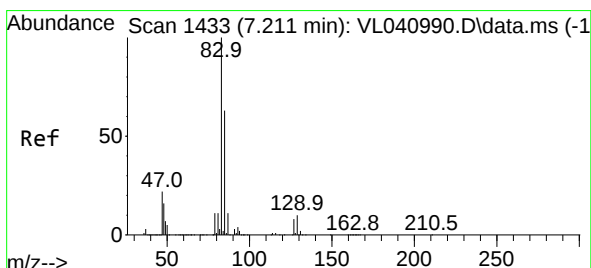
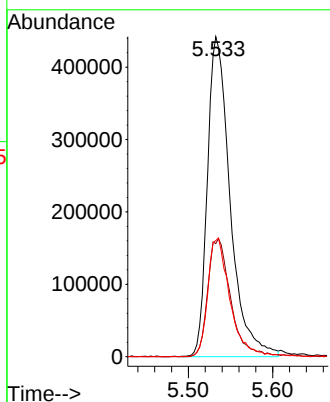
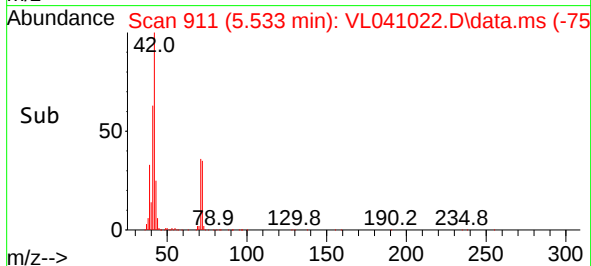
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 42 Resp: 829673
Ion Ratio Lower Upper
42 100
72 37.8 30.0 45.0
71 36.5 29.5 44.3

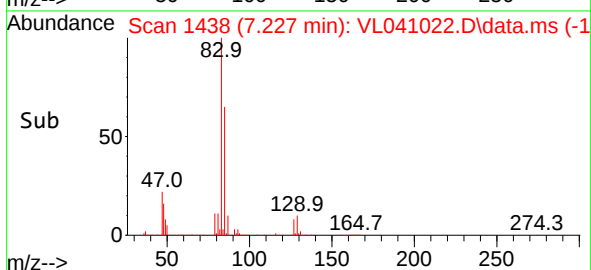
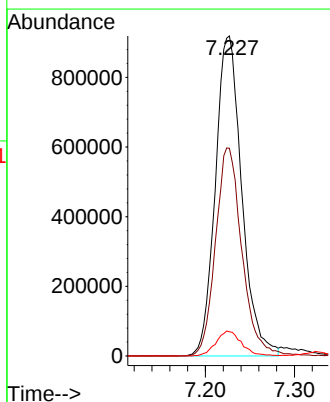
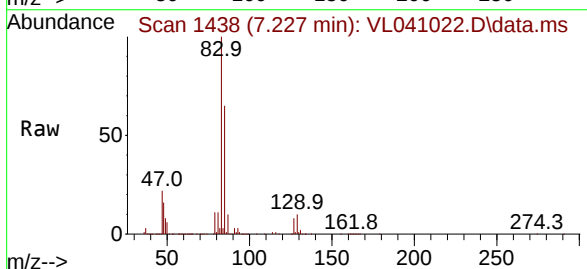
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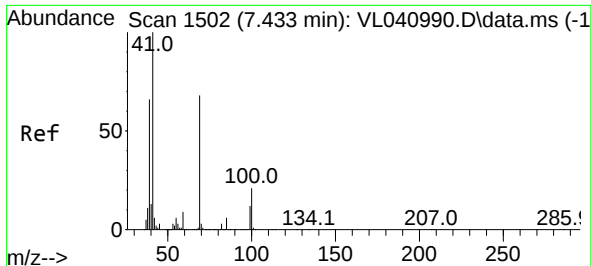
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#42
Bromodichloromethane
Concen: 10.345 ppbv
RT: 7.227 min Scan# 1438
Delta R.T. 0.013 min
Lab File: VL041022.D
Acq: 24 Jan 2024 18:53

Tgt Ion: 83 Resp: 1897154
Ion Ratio Lower Upper
83 100
85 64.9 50.5 75.7
127 7.5 6.4 9.6





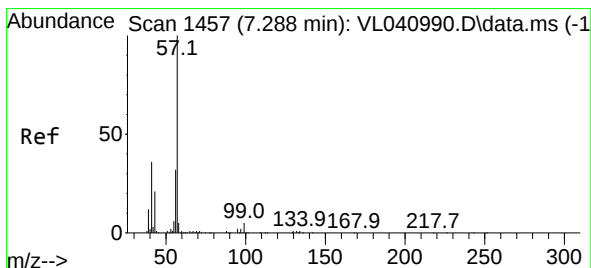
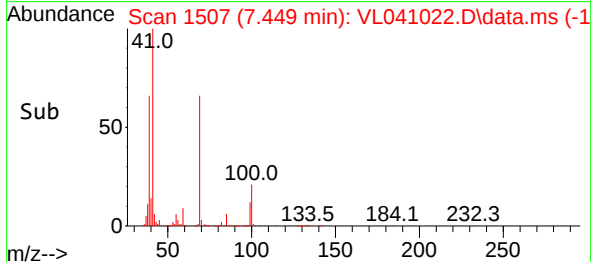
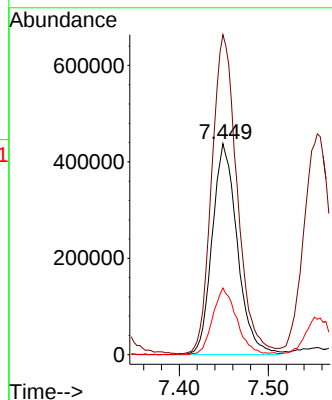
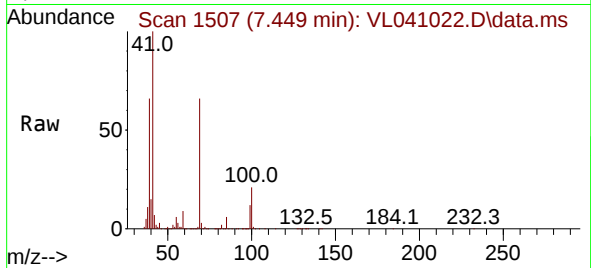
#43
Methyl Methacrylate
Concen: 10.549 ppbv
RT: 7.449 min Scan# 11
Delta R.T. 0.010 min
Lab File: VL041022.D
Acq: 24 Jan 2024 18:53

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 69 Resp: 85494
Ion Ratio Lower Upper
69 100
41 154.1 120.2 180.2
100 30.6 24.6 36.8

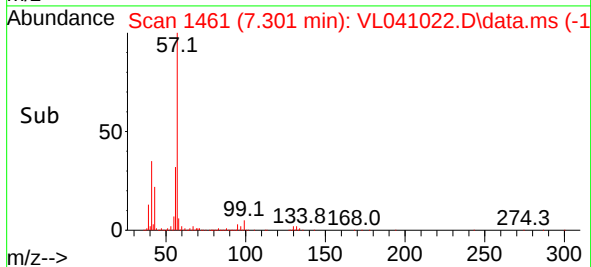
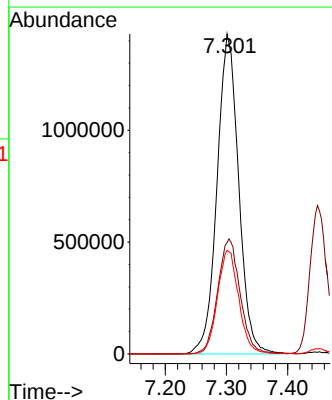
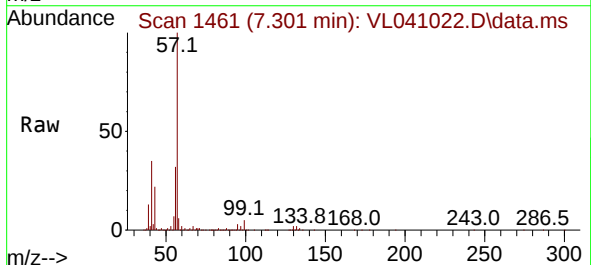
Manual Integrations
APPROVED

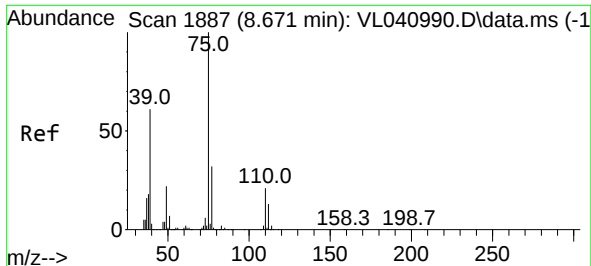
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#44
2,2,4-Trimethylpentane
Concen: 9.951 ppbv
RT: 7.301 min Scan# 1461
Delta R.T. 0.010 min
Lab File: VL041022.D
Acq: 24 Jan 2024 18:53

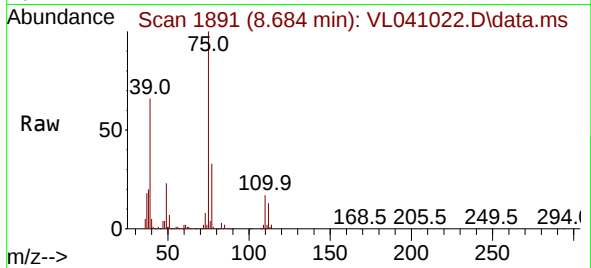
Tgt Ion: 57 Resp: 3516684
Ion Ratio Lower Upper
57 100
41 37.4 28.6 43.0
56 31.9 25.2 37.8





#45
t-1,3-Dichloropropene
Concen: 6.687 ppbv
RT: 8.684 min Scan# 1716
Delta R.T. 0.010 min
Lab File: VL041022.D
Acq: 24 Jan 2024 18:53

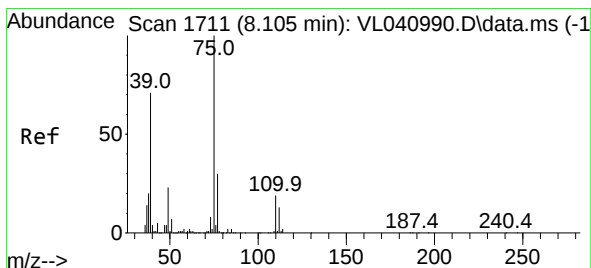
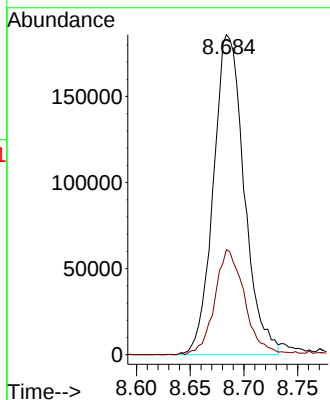
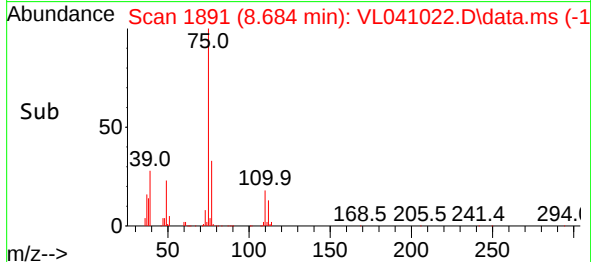
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 75 Resp: 370329
Ion Ratio Lower Upper
75 100
77 32.8 25.3 37.9

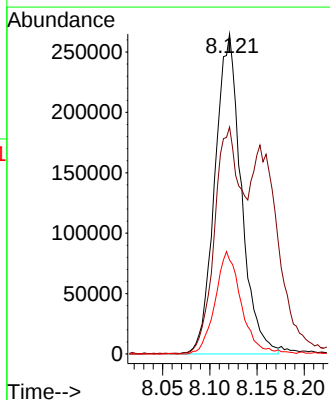
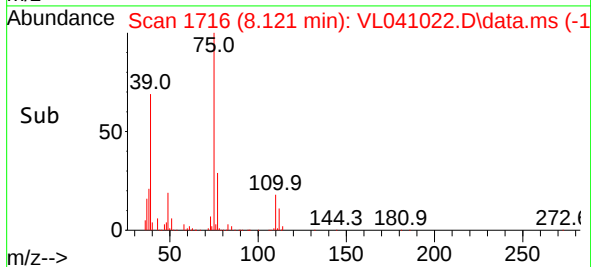
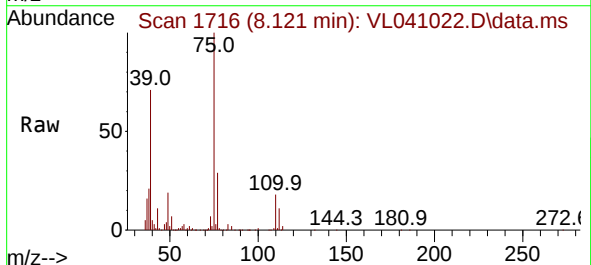
Manual Integrations
APPROVED

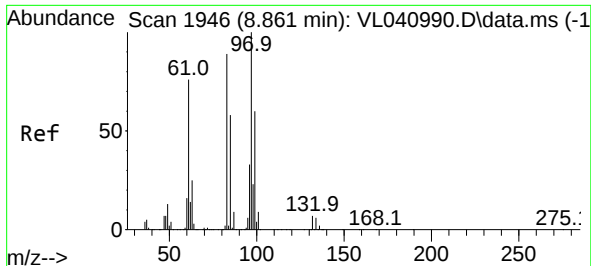
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#46
cis-1,3-Dichloropropene
Concen: 7.414 ppbv
RT: 8.121 min Scan# 1716
Delta R.T. 0.016 min
Lab File: VL041022.D
Acq: 24 Jan 2024 18:53

Tgt Ion: 75 Resp: 512020
Ion Ratio Lower Upper
75 100
39 70.7 57.3 85.9
77 29.3 24.3 36.5





#47

1,1,2-Trichloroethane

Concen: 9.992 ppbv

RT: 8.873 min Scan# 1946

Delta R.T. 0.013 min

Lab File: VL041022.D

Acq: 24 Jan 2024 18:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 97 Resp: 891088

Ion Ratio Lower Upper

97 100

83 87.6 71.5 107.3

85 58.6 46.1 69.1

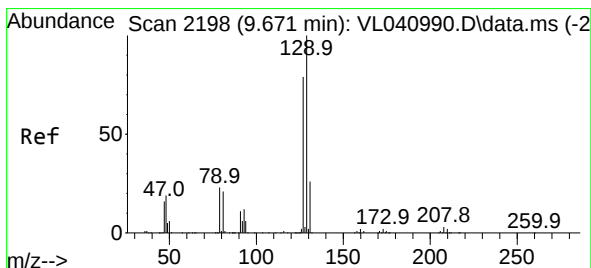
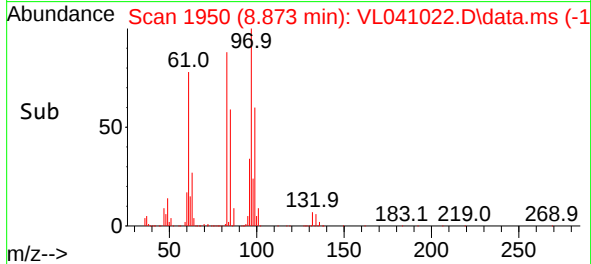
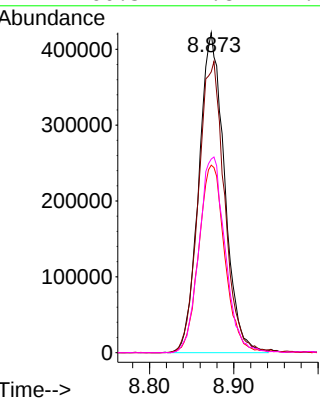
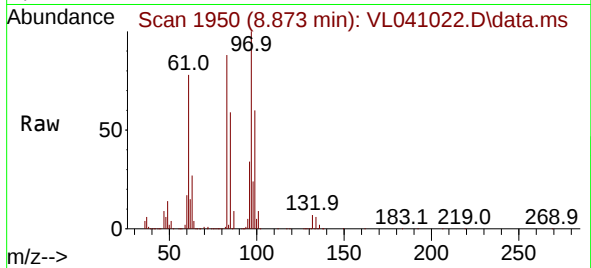
99 60.5 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024

Supervised By :Semsettin Yesilyurt 01/25/2024



#48

Dibromochloromethane

Concen: 10.582 ppbv

RT: 9.687 min Scan# 2203

Delta R.T. 0.016 min

Lab File: VL041022.D

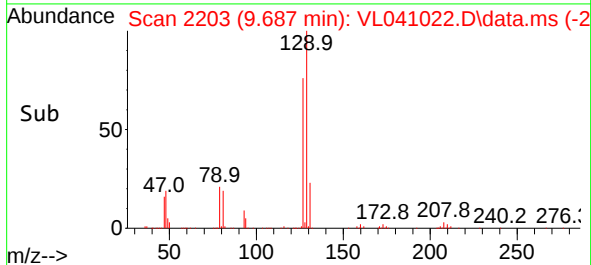
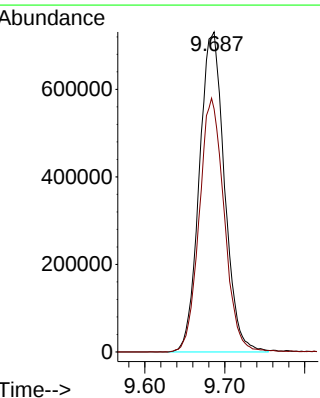
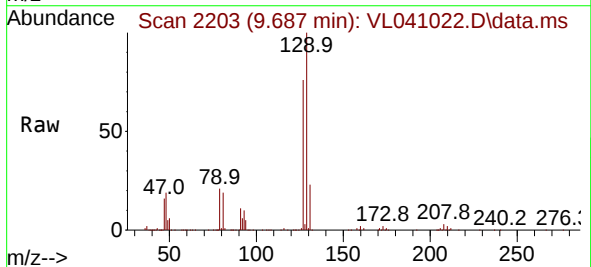
Acq: 24 Jan 2024 18:53

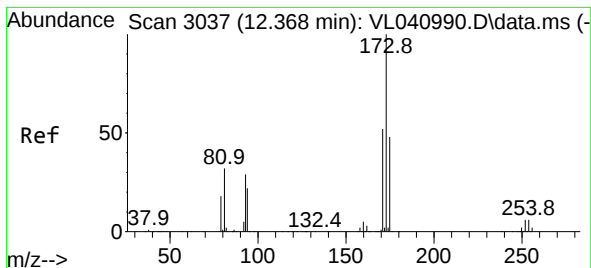
Tgt Ion:129 Resp: 1595569

Ion Ratio Lower Upper

129 100

127 78.6 39.6 119.0





#49

Bromoform

Concen: 10.930 ppbv

RT: 12.378 min Scan# 3037

Delta R.T. 0.006 min

Lab File: VL041022.D

Acq: 24 Jan 2024 18:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:173 Resp: 1292679

Ion Ratio Lower Upper

173 100

175 49.6 39.0 58.4

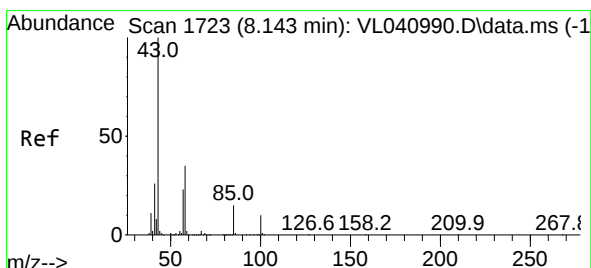
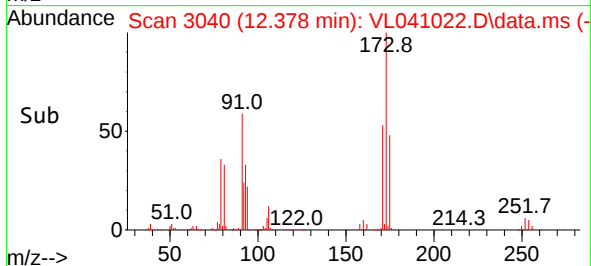
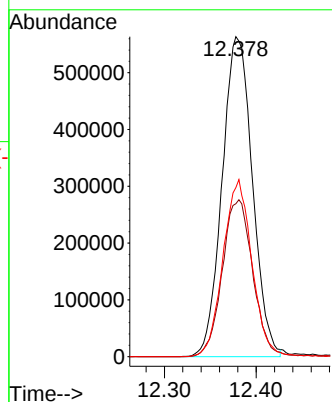
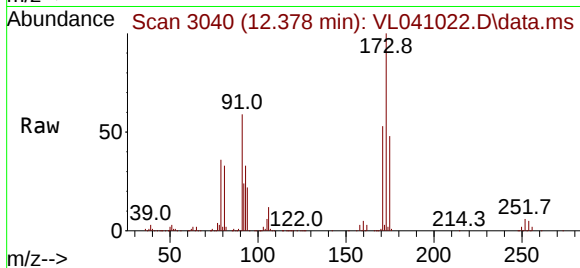
171 53.2 42.0 63.0

Manual Integrations

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Reviewed By :Mahesh Dadoda 01/25/2024

Supervised By :Semsettin Yesilyurt 01/25/2024



#50

4-Methyl-2-Pentanone

Concen: 10.687 ppbv

RT: 8.156 min Scan# 1727

Delta R.T. 0.013 min

Lab File: VL041022.D

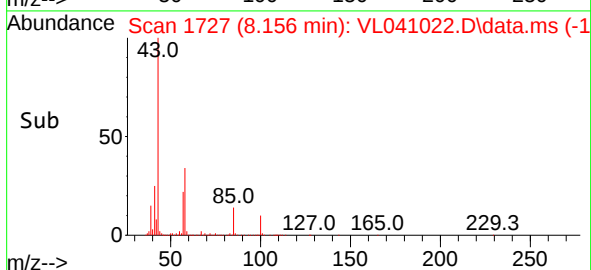
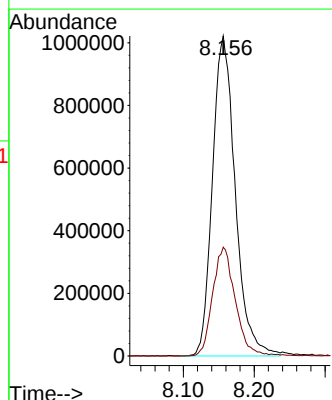
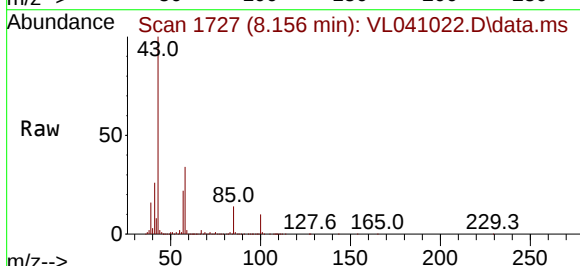
Acq: 24 Jan 2024 18:53

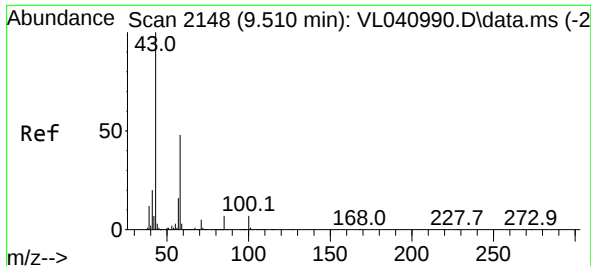
Tgt Ion: 43 Resp: 2280222

Ion Ratio Lower Upper

43 100

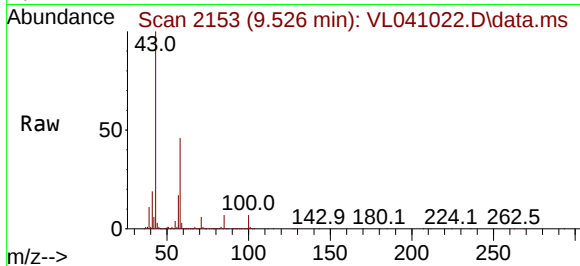
58 33.9 27.8 41.8





#51
2-Hexanone
Concen: 10.634 ppbv
RT: 9.526 min Scan# 2148
Delta R.T. 0.013 min
Lab File: VL041022.D
Acq: 24 Jan 2024 18:53

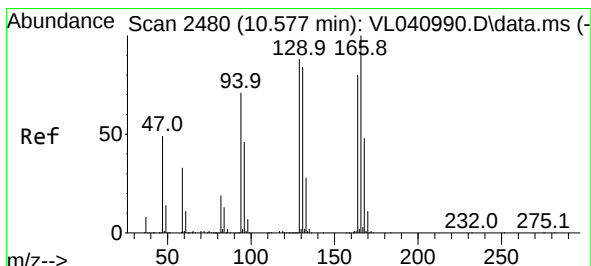
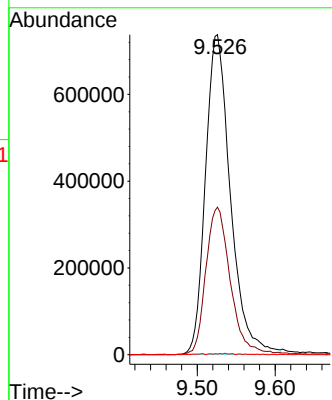
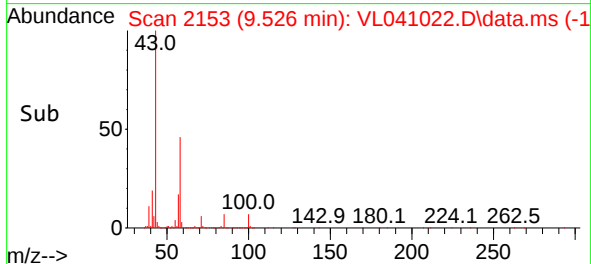
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 43 Resp: 163546
Ion Ratio Lower Upper
43 100
58 45.9 36.8 55.2
98 0.5 0.3 0.5

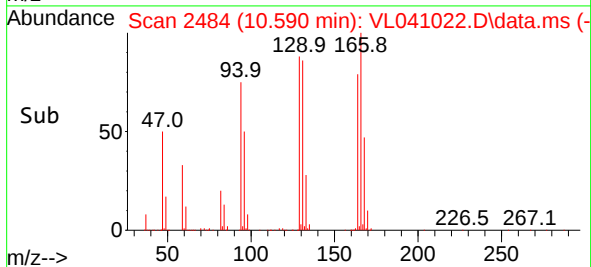
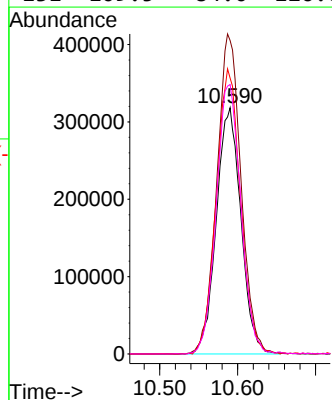
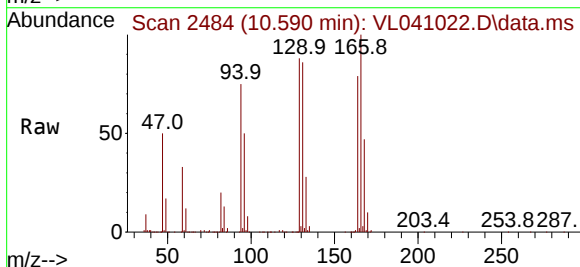
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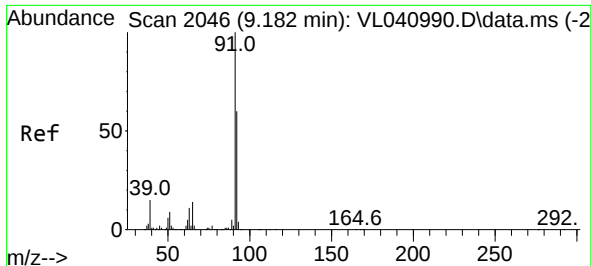
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#52
Tetrachloroethene
Concen: 9.983 ppbv
RT: 10.590 min Scan# 2484
Delta R.T. 0.016 min
Lab File: VL041022.D
Acq: 24 Jan 2024 18:53

Tgt Ion:164 Resp: 696340
Ion Ratio Lower Upper
164 100
166 127.3 100.2 150.2
129 112.0 87.9 131.9
131 109.5 84.0 126.0





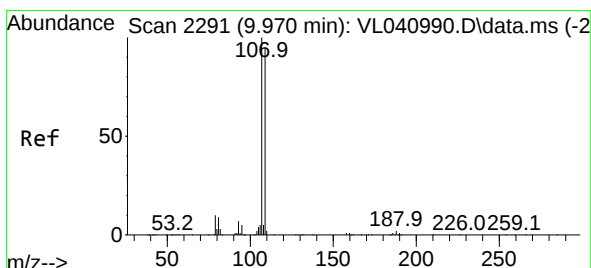
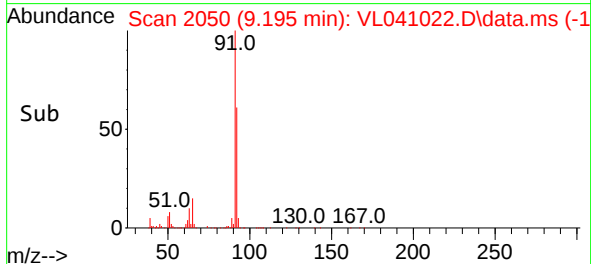
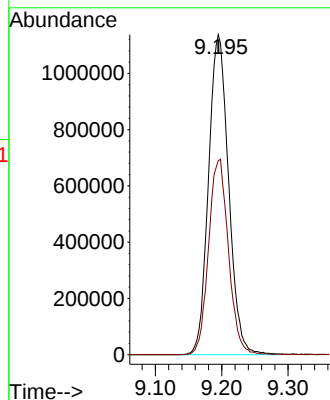
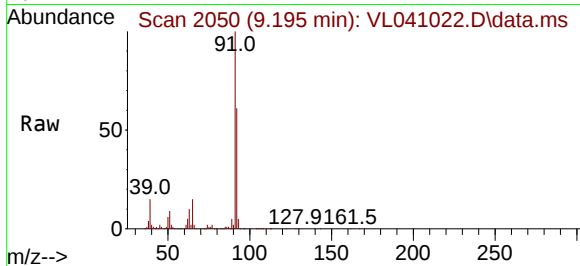
#53
Toluene
Concen: 10.403 ppbv
RT: 9.195 min Scan# 2046
Delta R.T. 0.013 min
Lab File: VL041022.D
Acq: 24 Jan 2024 18:53

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 2393489
Ion Ratio Lower Upper
91 100
92 60.5 48.6 72.8

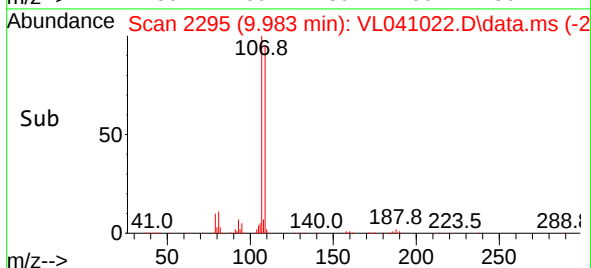
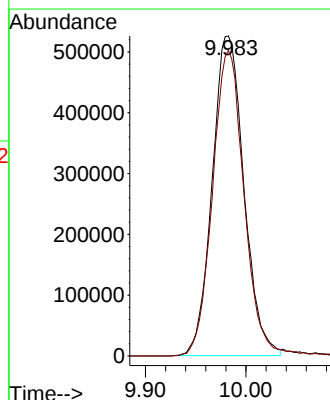
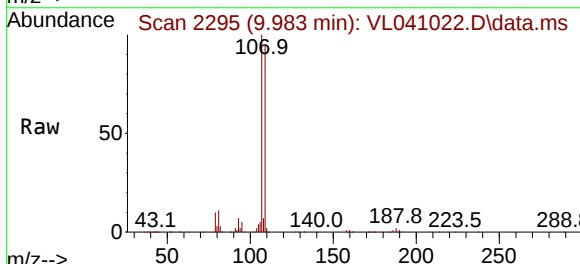
Manual Integrations
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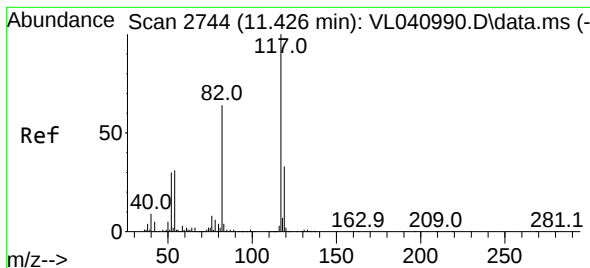
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#54
1,2-Dibromoethane
Concen: 9.537 ppbv
RT: 9.983 min Scan# 2295
Delta R.T. 0.010 min
Lab File: VL041022.D
Acq: 24 Jan 2024 18:53

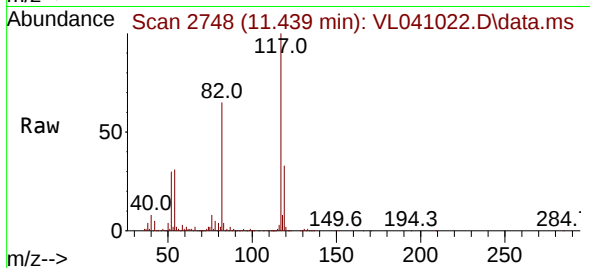
Tgt Ion:107 Resp: 1151915
Ion Ratio Lower Upper
107 100
109 95.2 76.1 114.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.439 min Scan# 2744
Delta R.T. 0.010 min
Lab File: VL041022.D
Acq: 24 Jan 2024 18:53

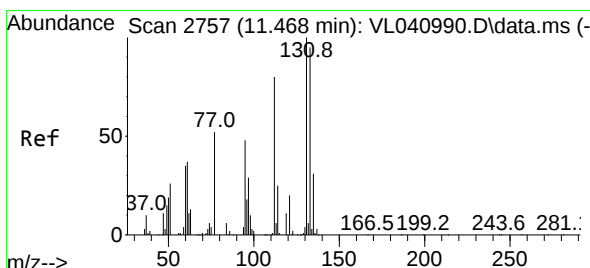
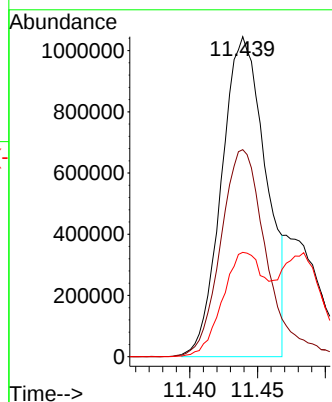
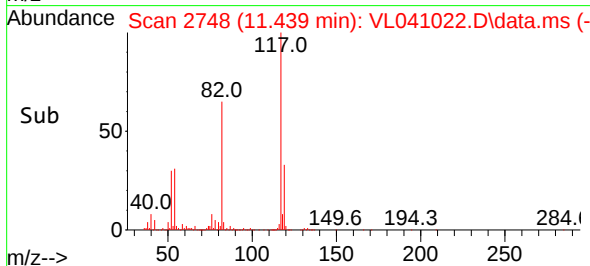
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



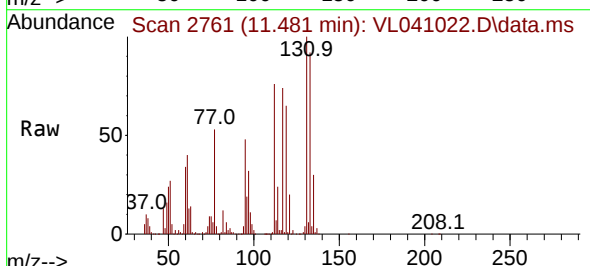
Tgt Ion:117 Resp: 238679
Ion Ratio Lower Upper
117 100
82 67.1 51.7 77.5
119 32.4 23.8 35.6

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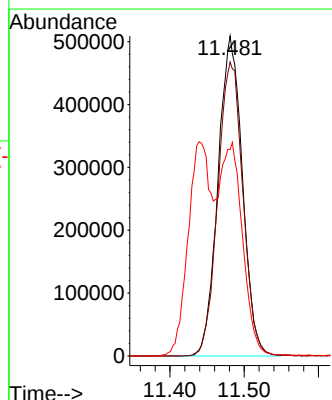
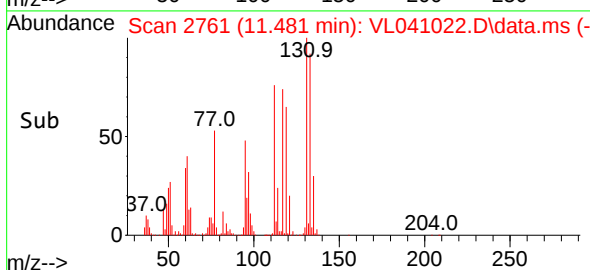
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

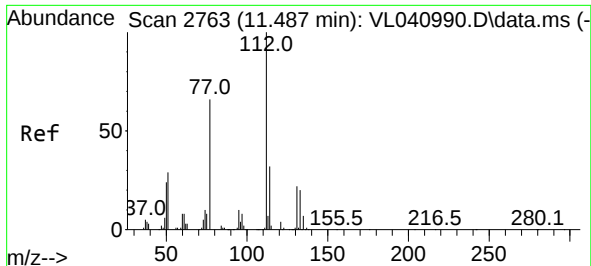


#56
1,1,1,2-Tetrachloroethane
Concen: 10.123 ppbv
RT: 11.481 min Scan# 2761
Delta R.T. 0.013 min
Lab File: VL041022.D
Acq: 24 Jan 2024 18:53



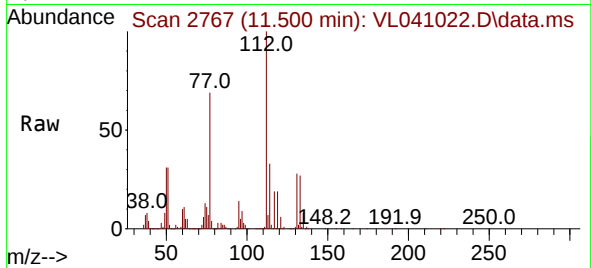
Tgt Ion:131 Resp: 1159221
Ion Ratio Lower Upper
131 100
133 94.7 75.9 113.9
119 66.7 49.2 73.8





#57
Chlorobenzene
Concen: 9.715 ppbv
RT: 11.500 min Scan# 2112
Delta R.T. 0.013 min
Lab File: VL041022.D
Acq: 24 Jan 2024 18:53

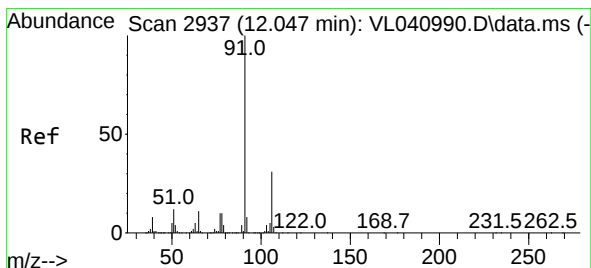
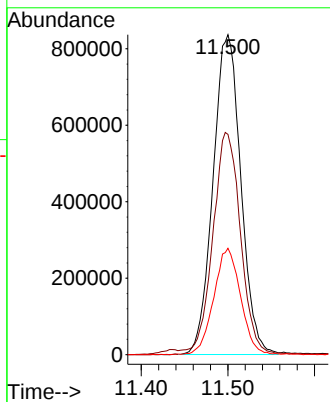
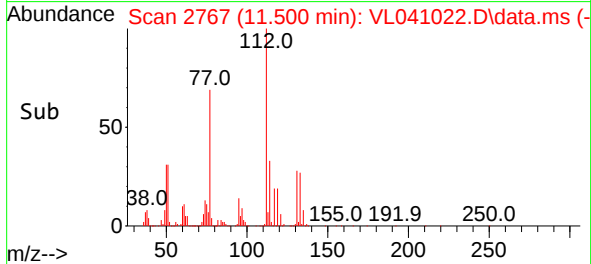
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:112 Resp: 1865254
Ion Ratio Lower Upper
112 100
77 68.3 53.4 80.0
114 33.1 29.1 35.5

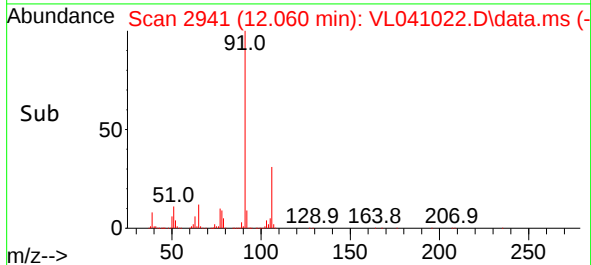
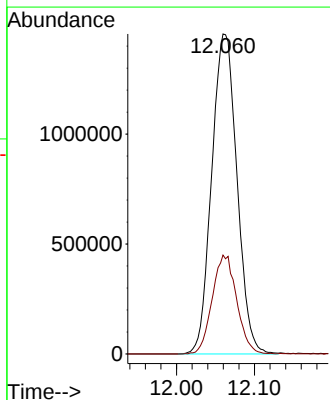
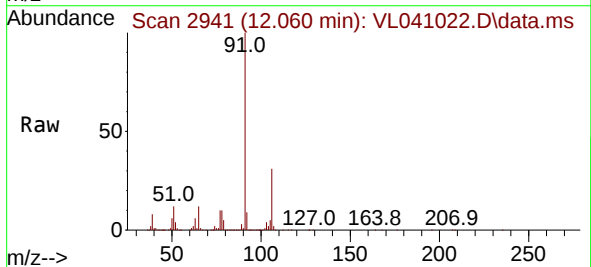
Manual Integrations
APPROVED

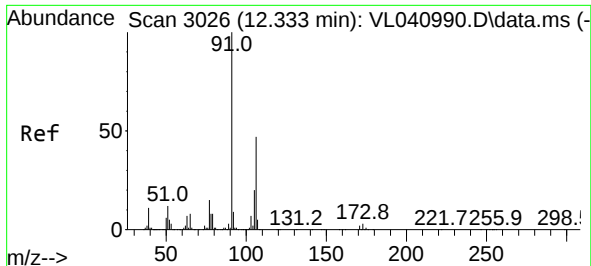
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#58
Ethyl Benzene
Concen: 10.228 ppbv
RT: 12.060 min Scan# 2941
Delta R.T. 0.010 min
Lab File: VL041022.D
Acq: 24 Jan 2024 18:53

Tgt Ion: 91 Resp: 3278220
Ion Ratio Lower Upper
91 100
106 30.9 24.8 37.2





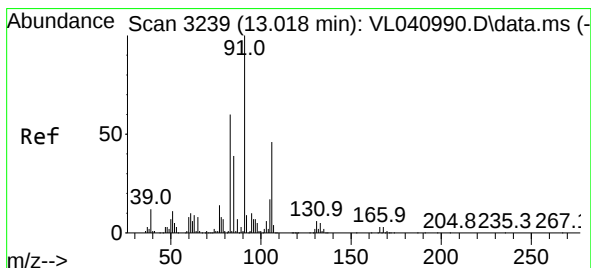
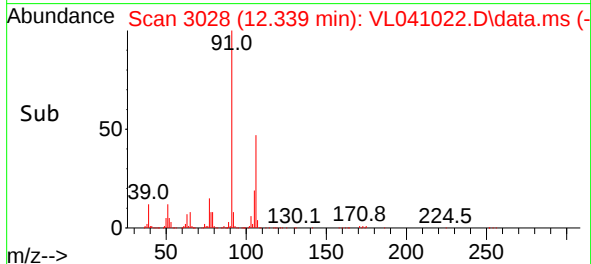
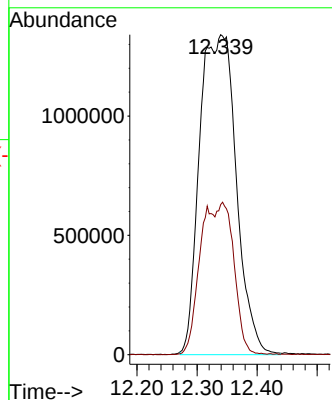
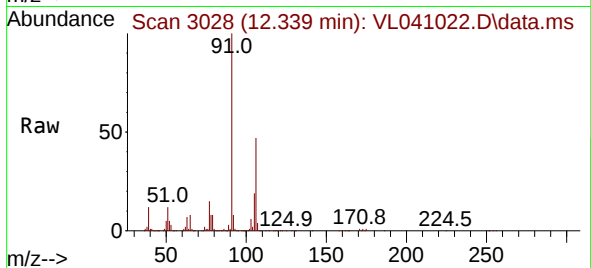
#59
m/p-Xylene
Concen: 20.320 ppbv m
RT: 12.339 min Scan# 3026
Delta R.T. 0.006 min
Lab File: VL041022.D
Acq: 24 Jan 2024 18:53

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 567848
Ion Ratio Lower Upper
91 100
106 43.5 34.9 52.3

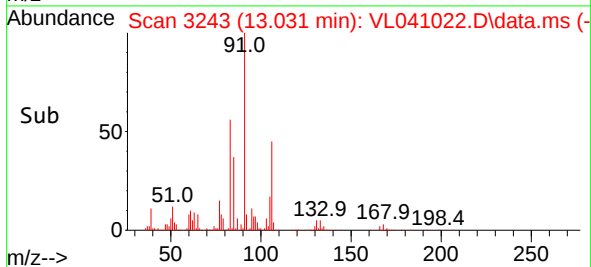
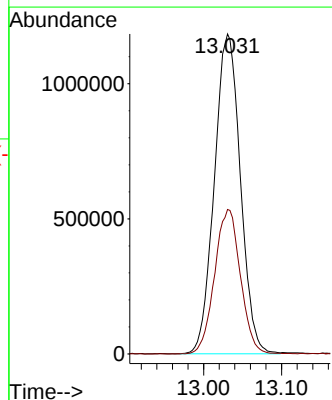
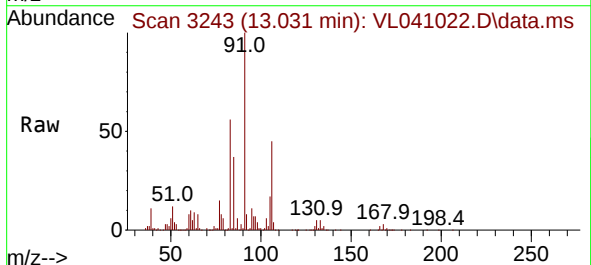
Manual Integrations
APPROVED

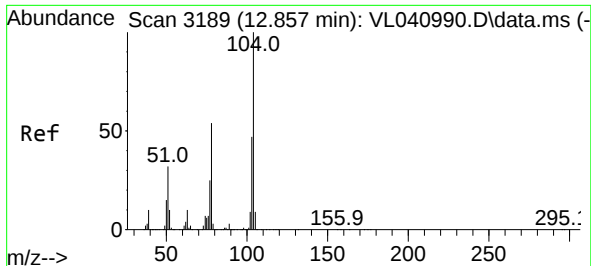
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#60
o-Xylene
Concen: 10.243 ppbv
RT: 13.031 min Scan# 3243
Delta R.T. 0.006 min
Lab File: VL041022.D
Acq: 24 Jan 2024 18:53

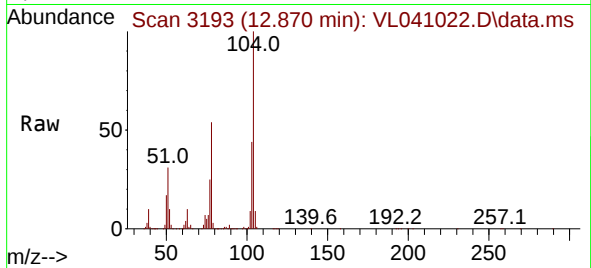
Tgt Ion: 91 Resp: 2746425
Ion Ratio Lower Upper
91 100
106 45.0 22.6 67.7





#61
Styrene
Concen: 10.824 ppbv
RT: 12.870 min Scan# 3189
Delta R.T. 0.010 min
Lab File: VL041022.D
Acq: 24 Jan 2024 18:53

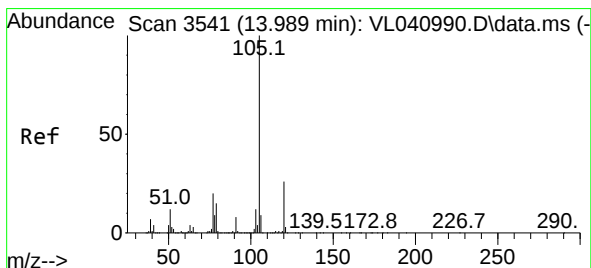
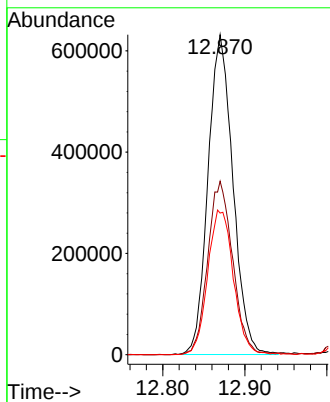
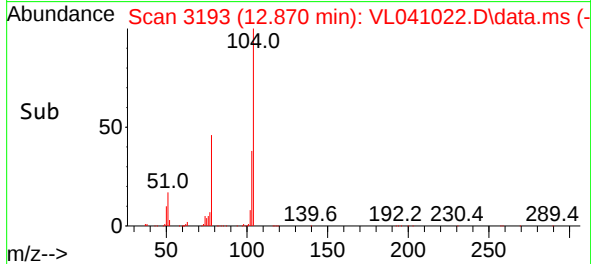
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



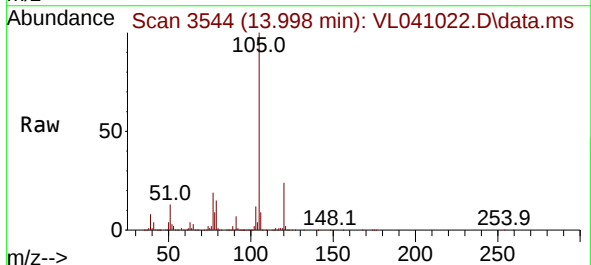
Tgt Ion:104 Resp: 133262
Ion Ratio Lower Upper
104 100
78 54.8 42.7 64.1
103 47.0 37.6 56.4

Manual Integrations
APPROVED

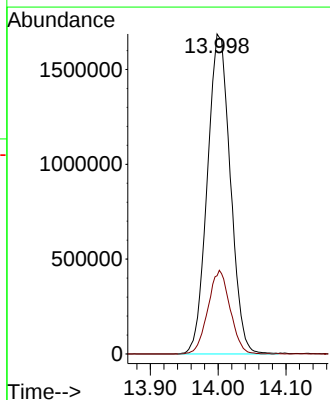
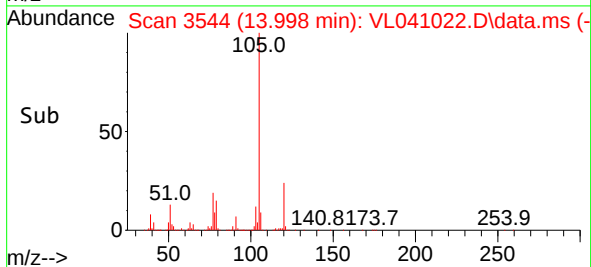
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

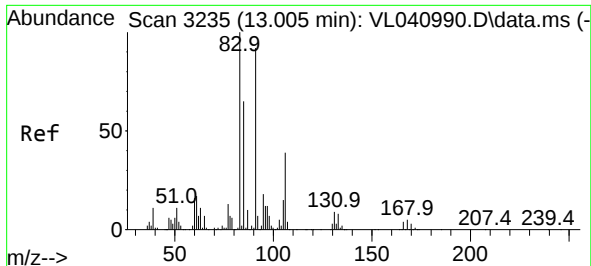


#62
Isopropylbenzene
Concen: 10.024 ppbv
RT: 13.998 min Scan# 3544
Delta R.T. 0.006 min
Lab File: VL041022.D
Acq: 24 Jan 2024 18:53



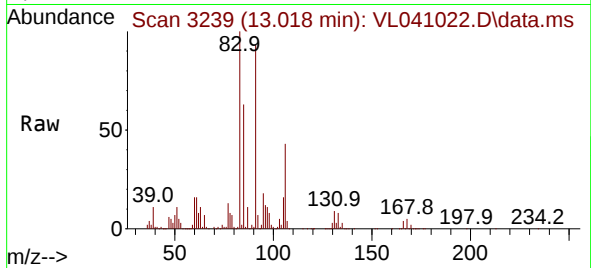
Tgt Ion:105 Resp: 3974499
Ion Ratio Lower Upper
105 100
120 25.2 20.9 31.3





#63
1,1,2,2-Tetrachloroethane
Concen: 9.923 ppbv
RT: 13.018 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL041022.D
Acq: 24 Jan 2024 18:53

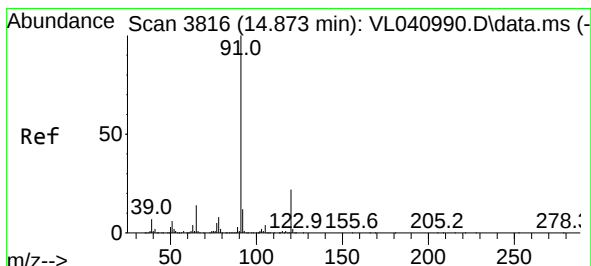
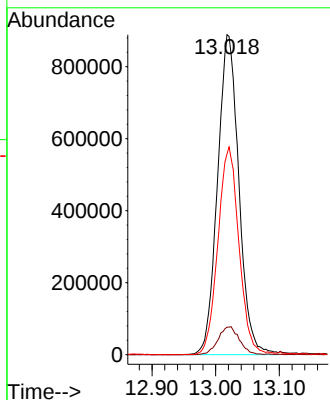
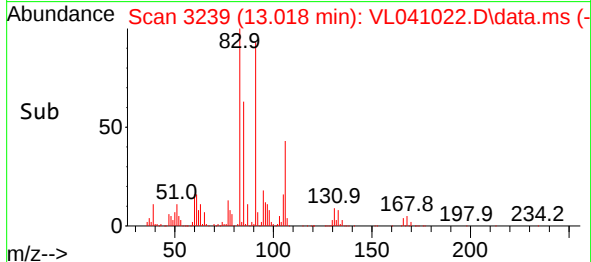
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



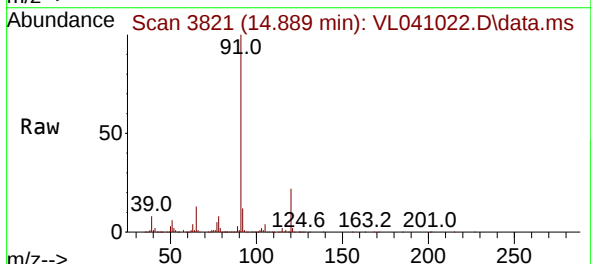
Tgt Ion: 83 Resp: 2067674
Ion Ratio Lower Upper
83 100
131 8.8 4.6 13.8
85 64.6 33.0 99.0

Manual Integrations
APPROVED

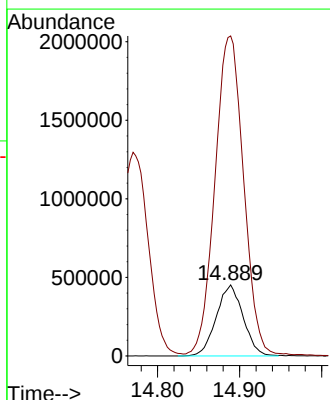
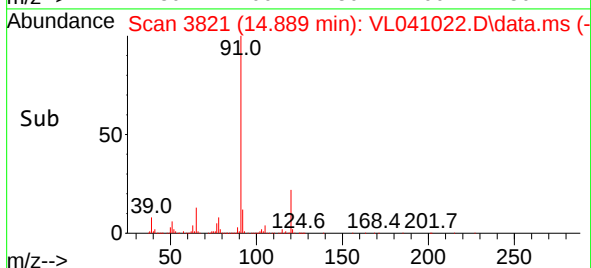
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

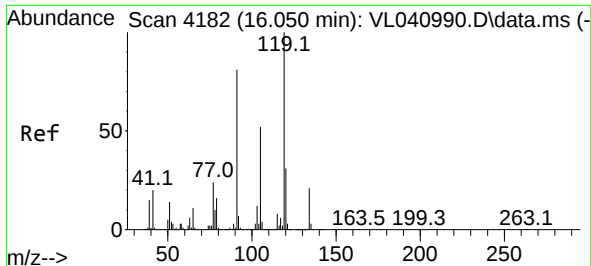


#64
n-propylbenzene
Concen: 10.264 ppbv
RT: 14.889 min Scan# 3821
Delta R.T. 0.010 min
Lab File: VL041022.D
Acq: 24 Jan 2024 18:53



Tgt Ion:120 Resp: 1028138
Ion Ratio Lower Upper
120 100
91 483.5 390.6 585.8





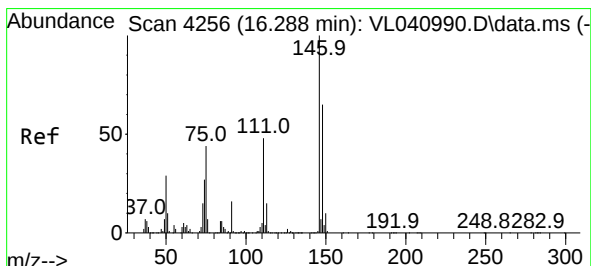
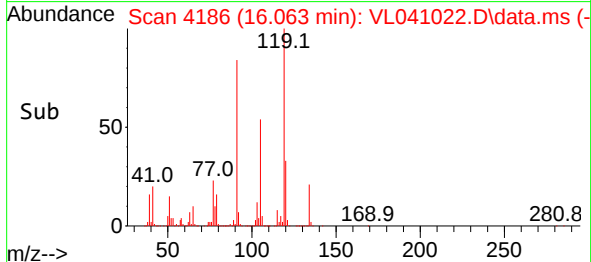
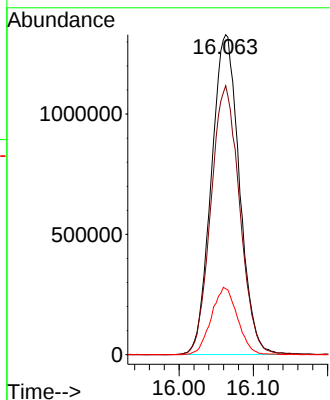
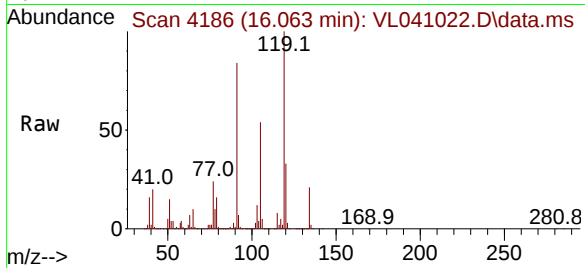
#65
tert-Butylbenzene
Concen: 10.065 ppbv
RT: 16.063 min Scan# 4182
Delta R.T. 0.010 min
Lab File: VL041022.D
Acq: 24 Jan 2024 18:53

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:119 Resp: 348673
Ion Ratio Lower Upper
119 100
91 86.2 67.6 101.4
134 19.7 16.1 24.1

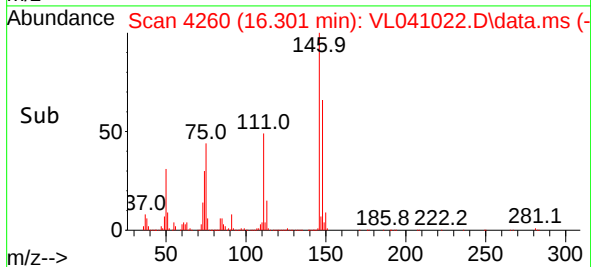
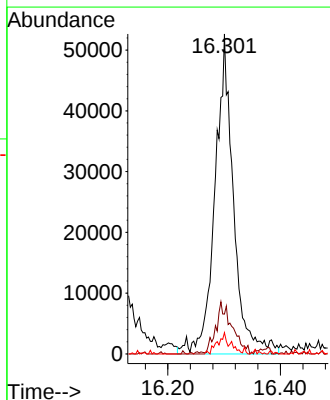
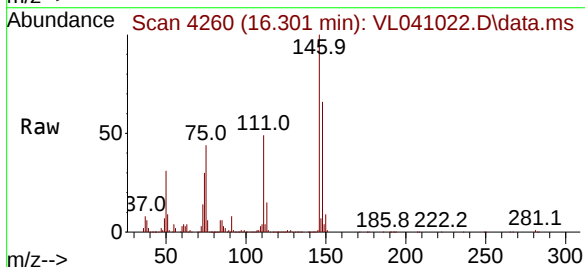
Manual Integrations
APPROVED

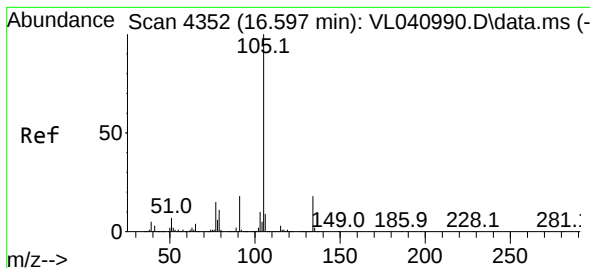
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#66
Benzyl Chloride
Concen: 5.325 ppbv m
RT: 16.301 min Scan# 4260
Delta R.T. 0.010 min
Lab File: VL041022.D
Acq: 24 Jan 2024 18:53

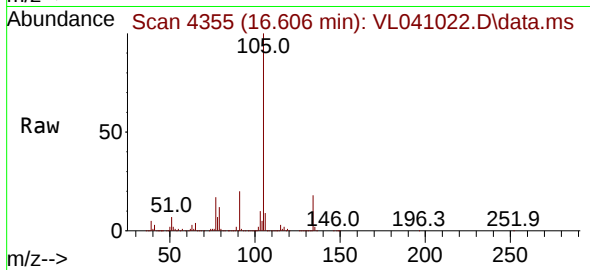
Tgt Ion: 91 Resp: 120884
Ion Ratio Lower Upper
91 100
126 14.5 13.6 20.4
128 5.0 4.2 6.2





#67
 sec-Butylbenzene
 Concen: 9.851 ppbv
 RT: 16.606 min Scan# 41
 Delta R.T. 0.010 min
 Lab File: VL041022.D
 Acq: 24 Jan 2024 18:53

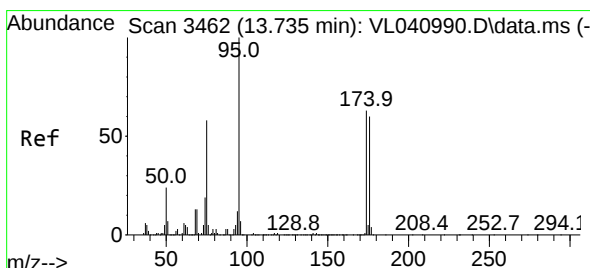
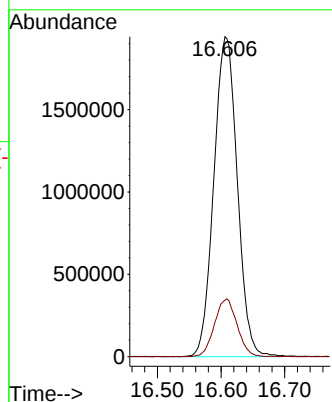
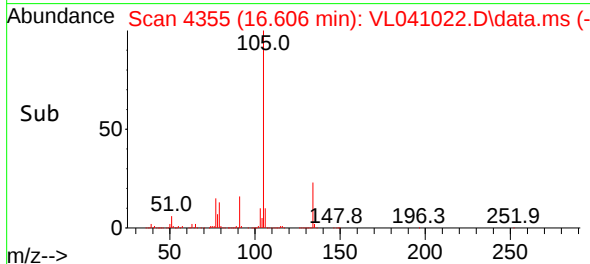
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



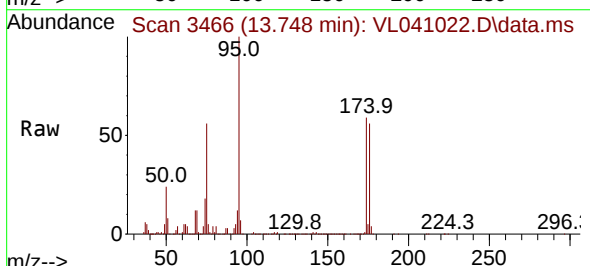
Tgt Ion:105 Resp: 496935
 Ion Ratio Lower Upper
 105 100
 134 17.5 14.2 21.4

Manual Integrations
 APPROVED

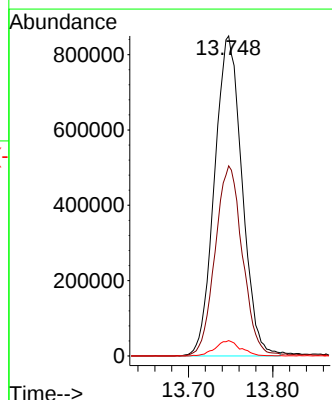
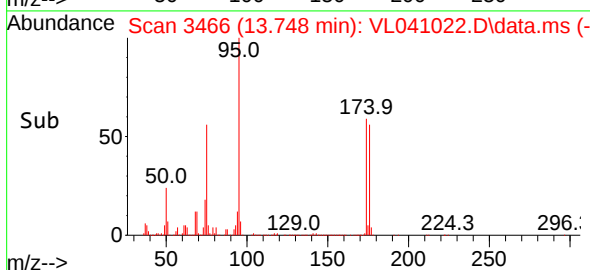
Reviewed By :Mahesh Dadoda 01/25/2024
 Supervised By :Semsettin Yesilyurt 01/25/2024

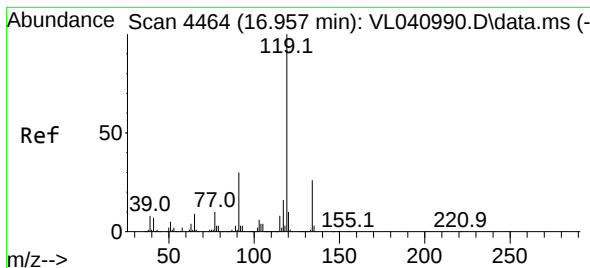


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.675 ppbv
 RT: 13.748 min Scan# 3466
 Delta R.T. 0.010 min
 Lab File: VL041022.D
 Acq: 24 Jan 2024 18:53



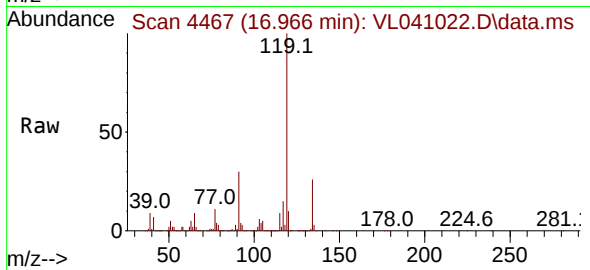
Tgt Ion: 95 Resp: 1924545
 Ion Ratio Lower Upper
 95 100
 174 59.2 49.1 73.7
 175 4.5 3.7 5.5





#69
p-Isopropyltoluene
Concen: 10.013 ppbv
RT: 16.966 min Scan# 4464
Delta R.T. 0.010 min
Lab File: VL041022.D
Acq: 24 Jan 2024 18:53

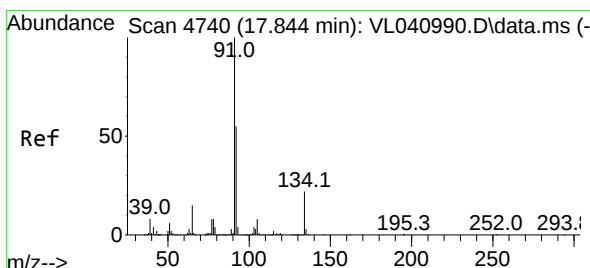
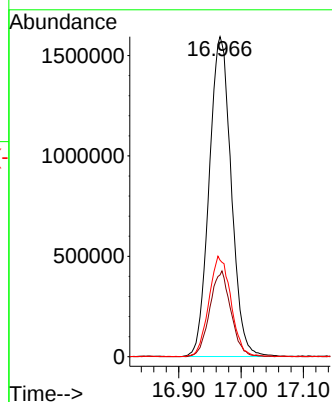
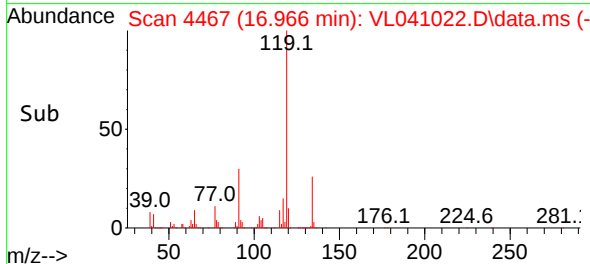
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



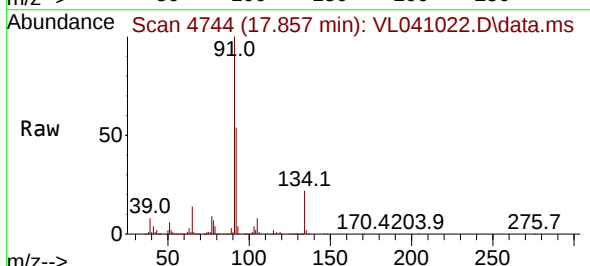
Tgt Ion:119 Resp: 3912460
Ion Ratio Lower Upper
119 100
134 25.7 20.6 30.8
91 31.4 24.5 36.7

Manual Integrations
APPROVED

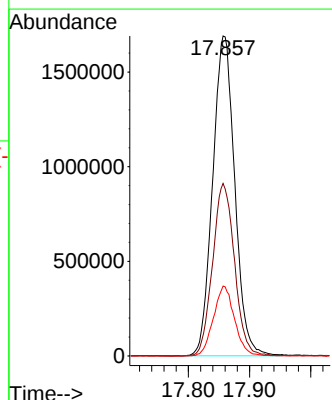
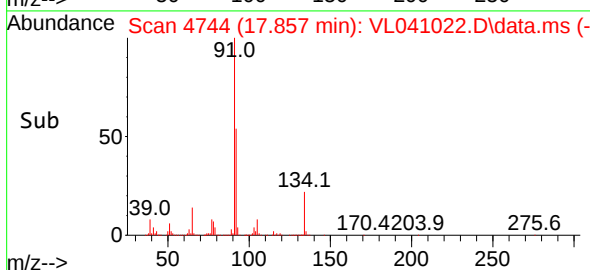
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

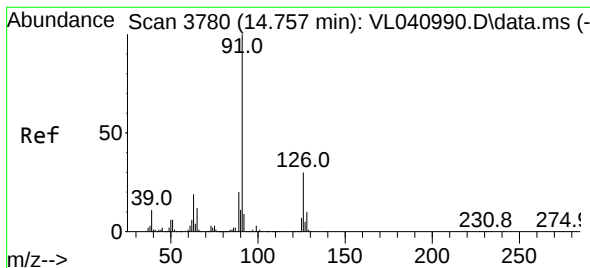


#70
n-Butylbenzene
Concen: 10.055 ppbv
RT: 17.857 min Scan# 4744
Delta R.T. 0.010 min
Lab File: VL041022.D
Acq: 24 Jan 2024 18:53



Tgt Ion: 91 Resp: 4245735
Ion Ratio Lower Upper
91 100
92 53.4 43.4 65.0
134 20.9 17.4 26.0





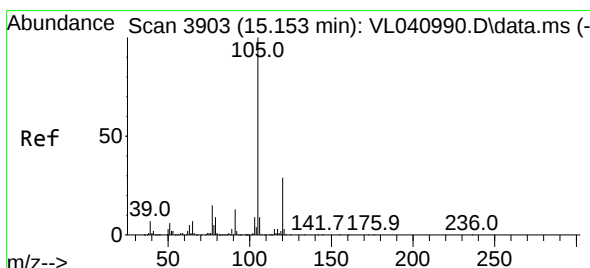
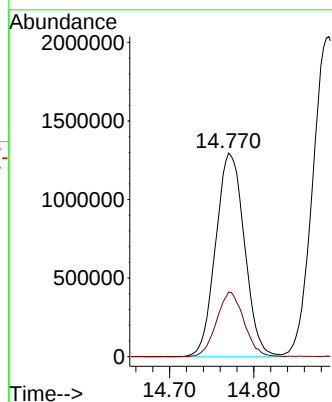
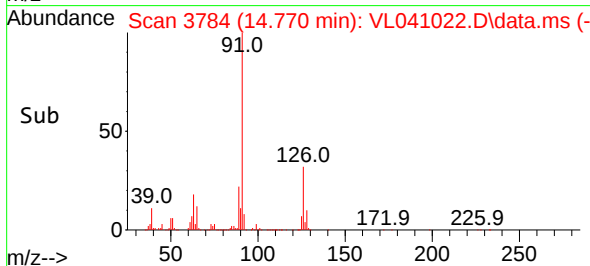
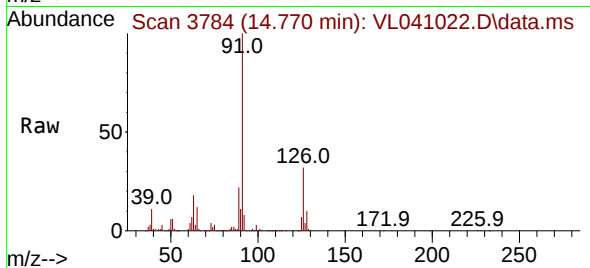
#71
2-Chlorotoluene
Concen: 10.013 ppbv
RT: 14.770 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL041022.D
Acq: 24 Jan 2024 18:53

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 3063500
Ion Ratio Lower Upper
91 100
126 30.5 12.3 49.1

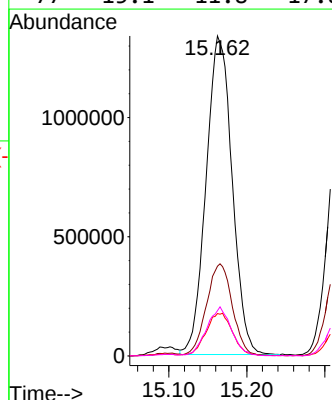
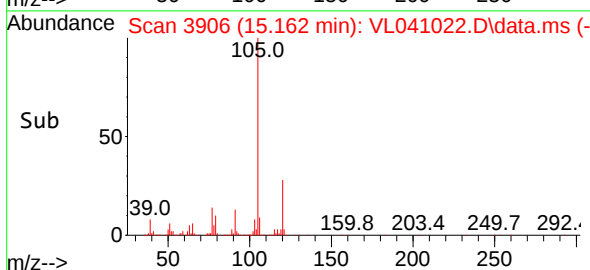
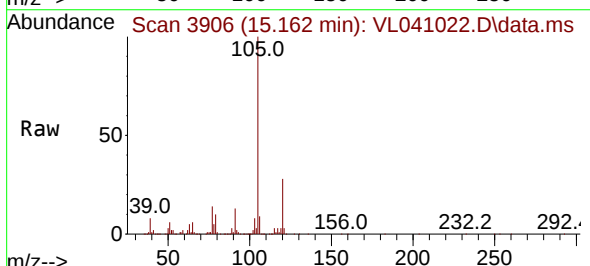
Manual Integrations
APPROVED

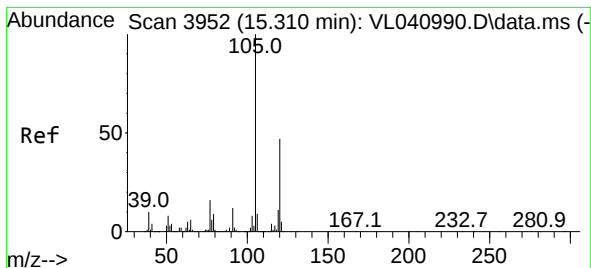
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#72
4-Ethyltoluene
Concen: 10.346 ppbv
RT: 15.162 min Scan# 3906
Delta R.T. 0.010 min
Lab File: VL041022.D
Acq: 24 Jan 2024 18:53

Tgt Ion:105 Resp: 3098076
Ion Ratio Lower Upper
105 100
120 29.0 24.3 36.5
91 13.7 11.0 16.4
77 15.1 11.8 17.8





#73

1,3,5-Trimethylbenzene

Concen: 10.195 ppbv

RT: 15.320 min Scan# 3955

Delta R.T. 0.006 min

Lab File: VL041022.D

Acq: 24 Jan 2024 18:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:105 Resp: 270931

Ion Ratio Lower Upper

105 100

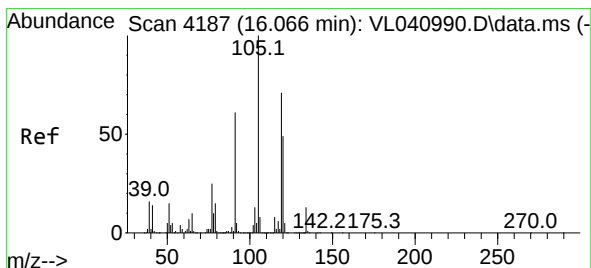
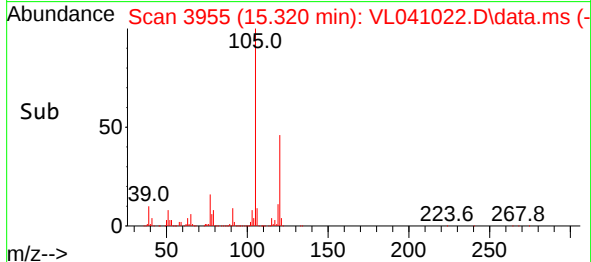
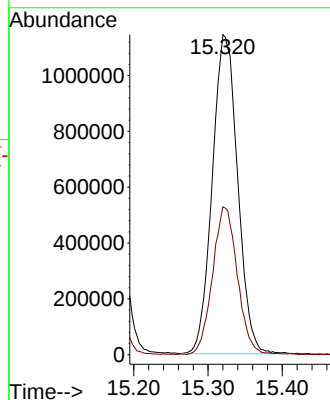
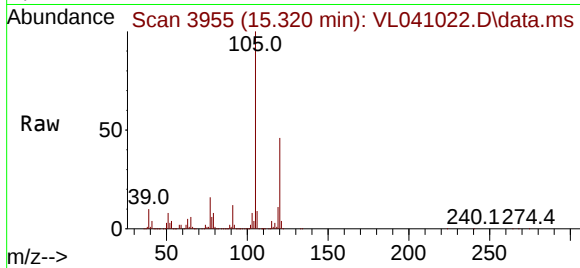
120 46.1 37.2 55.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024

Supervised By :Semsettin Yesilyurt 01/25/2024



#74

1,2,4-Trimethylbenzene

Concen: 9.897 ppbv

RT: 16.076 min Scan# 4190

Delta R.T. 0.006 min

Lab File: VL041022.D

Acq: 24 Jan 2024 18:53

Tgt Ion:105 Resp: 2981713

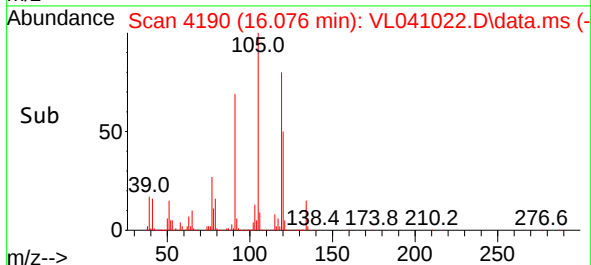
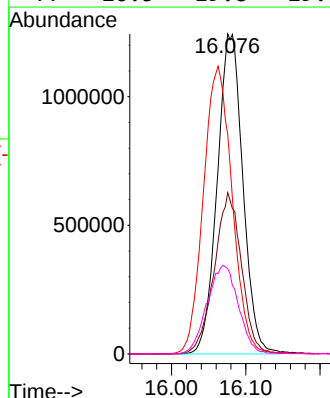
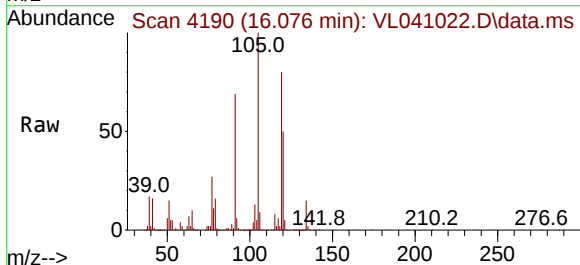
Ion Ratio Lower Upper

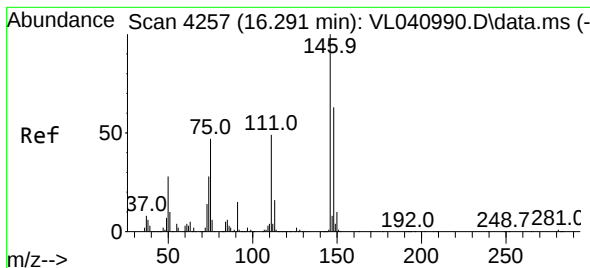
105 100

120 50.3 39.3 58.9

91 68.2 48.7 73.1

77 26.5 19.8 29.8





#75

1,3-Dichlorobenzene

Concen: 9.709 ppbv

RT: 16.301 min Scan# 41

Delta R.T. 0.010 min

Lab File: VL041022.D

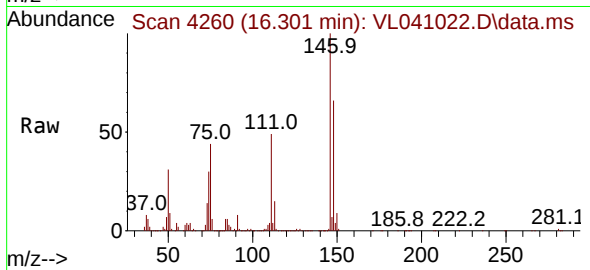
Acq: 24 Jan 2024 18:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion:146 Resp: 166456

Ion Ratio Lower Upper

146 100

111 48.4 24.4 73.2

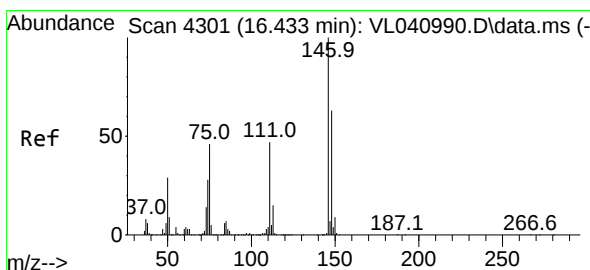
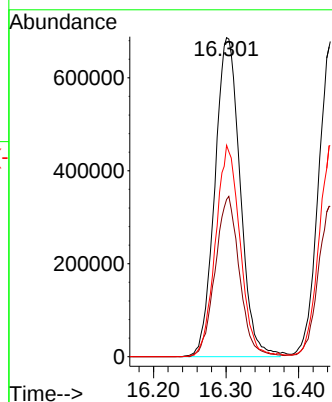
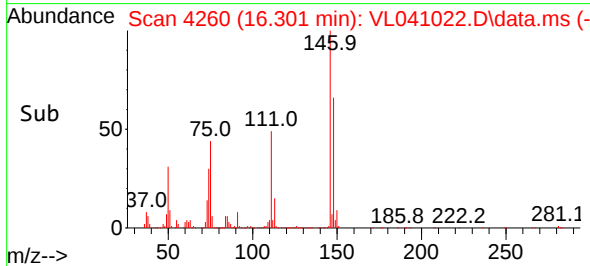
148 64.4 32.5 97.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024

Supervised By :Semsettin Yesilyurt 01/25/2024



#76

1,4-Dichlorobenzene

Concen: 9.420 ppbv

RT: 16.445 min Scan# 4305

Delta R.T. 0.013 min

Lab File: VL041022.D

Acq: 24 Jan 2024 18:53

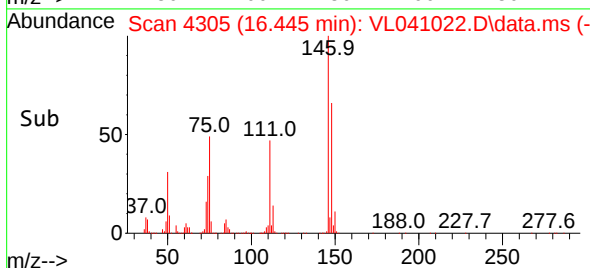
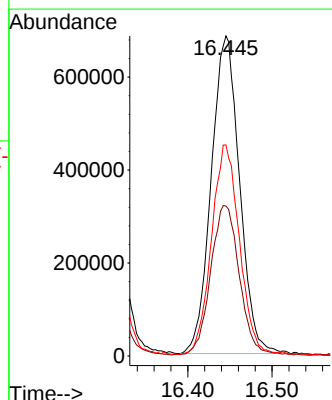
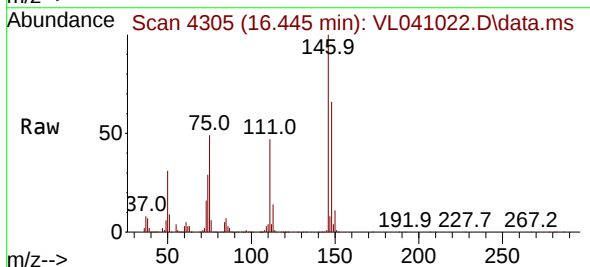
Tgt Ion:146 Resp: 1593712

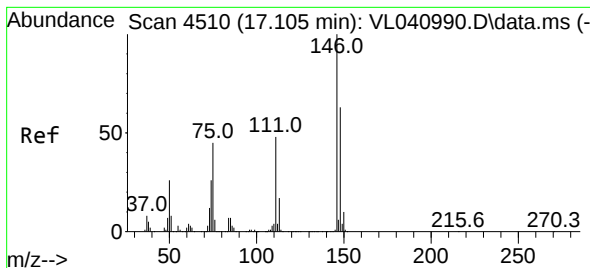
Ion Ratio Lower Upper

146 100

111 48.4 24.0 72.0

148 67.0 32.9 98.7





#77

1,2-Dichlorobenzene

Concen: 9.529 ppbv m

RT: 17.117 min Scan# 4

Delta R.T. 0.013 min

Lab File: VL041022.D

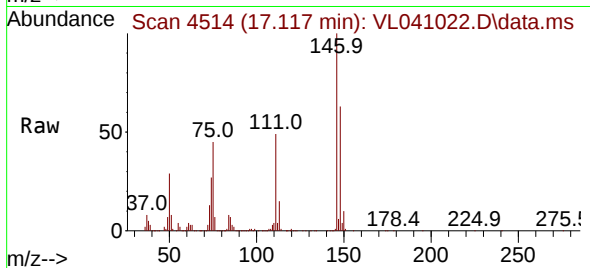
Acq: 24 Jan 2024 18:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion:146 Resp: 1623910

Ion Ratio Lower Upper

146 100

111 49.1 24.8 74.3

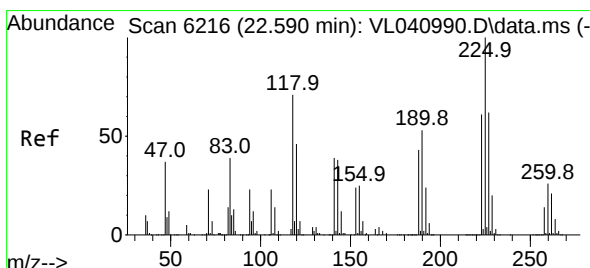
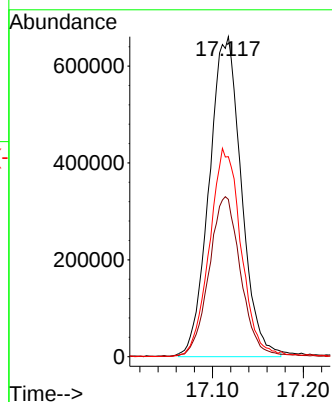
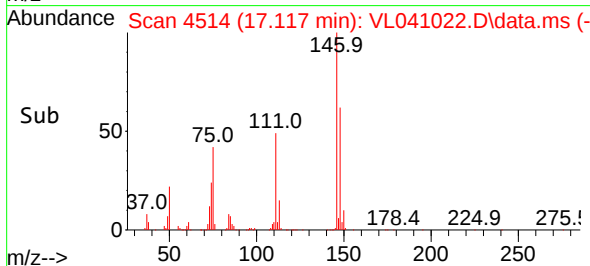
148 0.0 31.8 95.3

Manual Integrations

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Reviewed By :Mahesh Dadoda 01/25/2024

Supervised By :Semsettin Yesilyurt 01/25/2024



#78

Hexachloro-1,3-Butadiene

Concen: 8.334 ppbv

RT: 22.603 min Scan# 6220

Delta R.T. 0.013 min

Lab File: VL041022.D

Acq: 24 Jan 2024 18:53

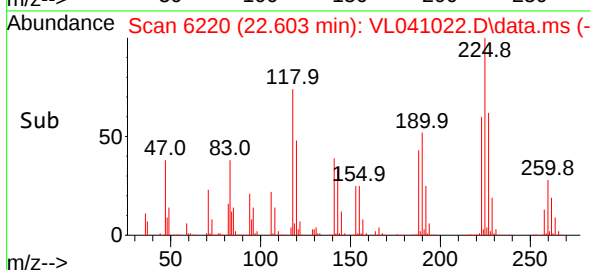
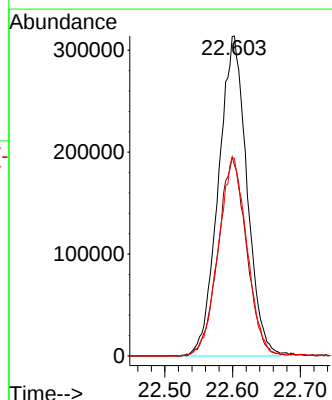
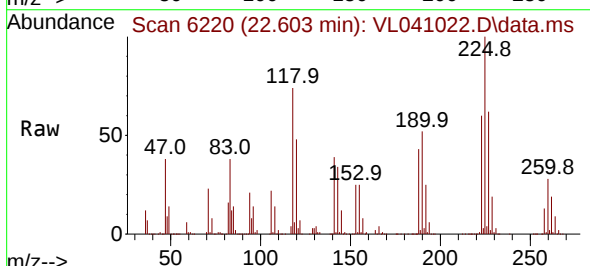
Tgt Ion:225 Resp: 915895

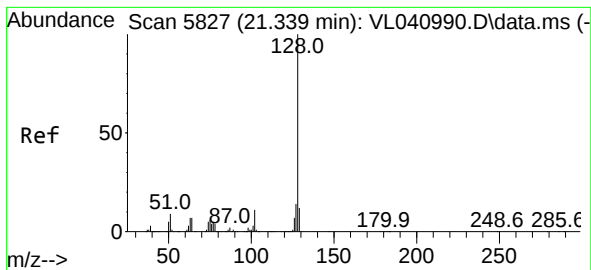
Ion Ratio Lower Upper

225 100

223 62.6 51.1 76.7

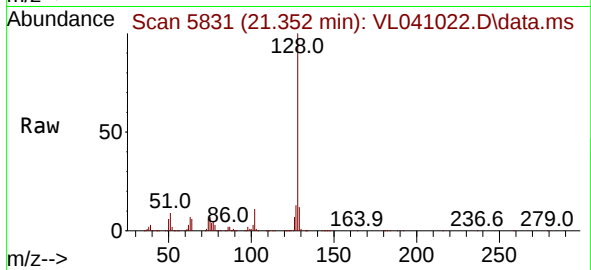
227 62.6 51.0 76.4





#79
Naphthalene
Concen: 11.509 ppbv
RT: 21.352 min Scan# 5831
Delta R.T. 0.013 min
Lab File: VL041022.D
Acq: 24 Jan 2024 18:53

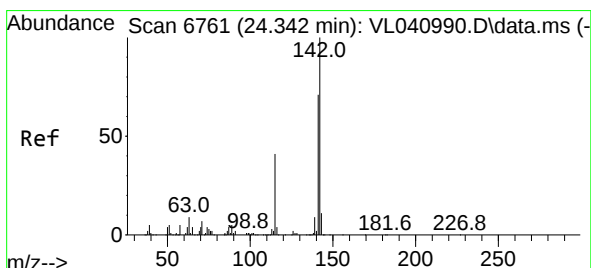
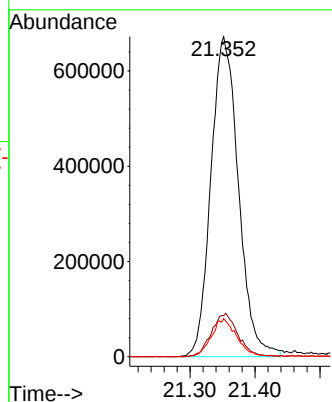
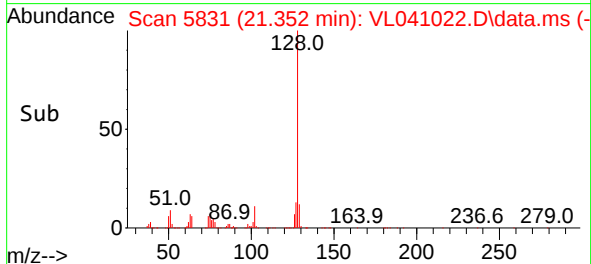
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



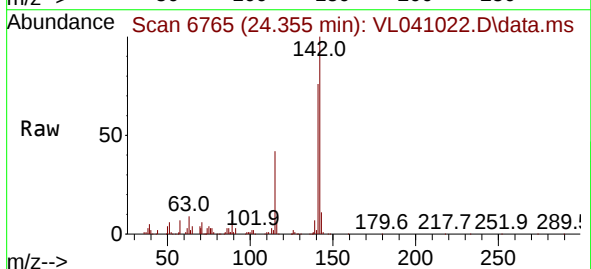
Tgt Ion:128 Resp: 1977898
Ion Ratio Lower Upper
128 100
127 12.8 10.9 16.3
129 11.9 9.3 13.9

Manual Integrations
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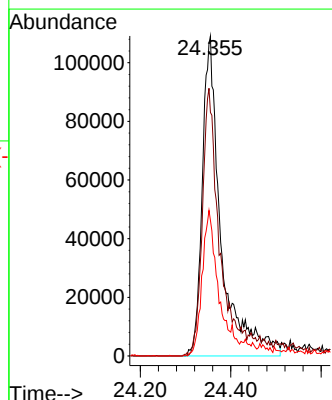
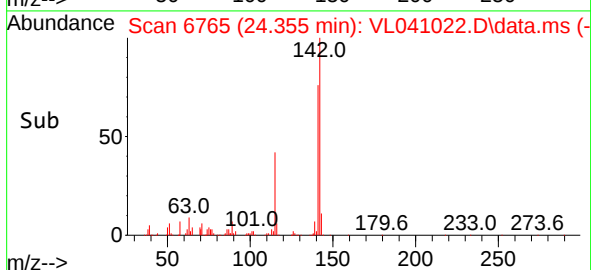
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

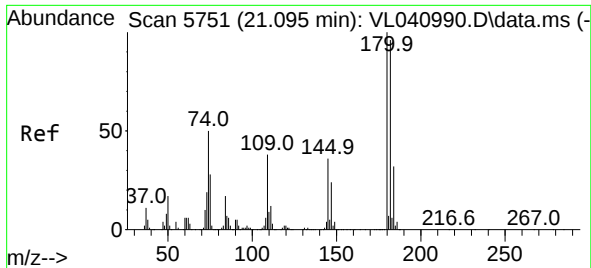


#80
Naphthalene,2-methyl-
Concen: 10.499 ppbv
RT: 24.355 min Scan# 6765
Delta R.T. 0.013 min
Lab File: VL041022.D
Acq: 24 Jan 2024 18:53



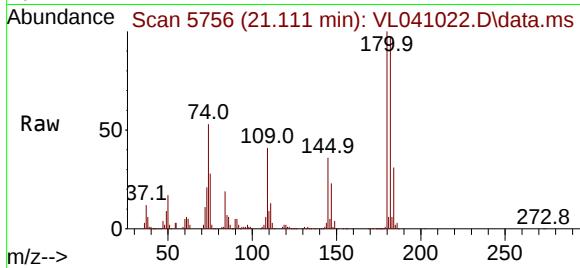
Tgt Ion:142 Resp: 316909
Ion Ratio Lower Upper
142 100
141 80.1 62.7 94.1
115 45.1 34.0 51.0





#81
 1,2,4-Trichlorobenzene
 Concen: 9.715 ppbv
 RT: 21.111 min Scan# 51
 Delta R.T. 0.013 min
 Lab File: VL041022.D
 Acq: 24 Jan 2024 18:53

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:180 Resp: 974089
 Ion Ratio Lower Upper
 180 100
 182 97.1 78.6 118.0
 184 30.5 24.4 36.6

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024
 Supervised By :Semsettin Yesilyurt 01/25/2024

