

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040424\
 Data File : VL041120.D
 Acq On : 4 Apr 2024 9:25
 Operator : SY/MD
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/05/2024
 Supervised By :Mahesh Dadoda 04/05/2024

Quant Time: Apr 05 04:15:12 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL040424AIR.M

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

QLast Update : Fri Apr 05 04:13:19 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.218	49	1494308	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.684	114	3786865	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.507	117	3687412m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.815 95 2944765 9.967 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 99.700%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.735	85	2311121	9.015	ppbv	100
3) Chlorodifluoromethane	2.681	51	2040868	8.867	ppbv	100
4) Chloromethane	2.819	50	774987	8.898	ppbv	100
5) Vinyl Chloride	2.928	62	798818	9.597	ppbv	100
6) Bromomethane	3.131	94	294741	9.307	ppbv	100
7) Chloroethane	3.208	64	289502	9.549	ppbv	100
8) Dichlorotetrafluoroethane	2.864	85	2008403	9.211	ppbv	100
9) Propene	2.700	41	659544	9.008	ppbv	100
10) Heptane	7.610	43	1721472	9.903	ppbv	100
11) Trichlorofluoromethane	3.578	101	2101528	9.066	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.083	101	1533864	9.143	ppbv	100
13) Ethanol	3.253	45	146439	8.587	ppbv	100
14) Bromoethene	3.378	108	626304	9.478	ppbv	100
15) Acetone	3.481	43	1409210	8.709	ppbv	100
16) 1,3-Butadiene	2.993	39	772941	9.732	ppbv	100
17) tert-Butyl alcohol	3.896	59	1408136	9.588	ppbv	100
18) 1,1-Dichloroethene	3.896	96	668362	9.331	ppbv	100
19) Isopropyl Alcohol	3.587	45	933947	9.395	ppbv	100
20) Methylene Chloride	3.947	84	572579	8.580	ppbv	100
21) Allyl Chloride	4.015	41	935924	9.493	ppbv	100
22) trans-1,2-Dichloroethene	4.465	96	694415	9.299	ppbv	100
23) Vinyl Acetate	4.648	43	1613130	9.609	ppbv	100
24) 1,1-Dichloroethane	4.584	63	1390524	9.246	ppbv	100
25) Ethyl Acetate	5.227	43	2854954	9.396	ppbv	100
26) Hexane	5.237	57	1238064	9.080	ppbv	100
27) Carbon Disulfide	4.140	76	1666524	10.067	ppbv	100
28) Methyl tert-Butyl Ether	4.607	73	980936	9.533	ppbv	100
29) Chloroform	5.301	83	2110456	9.182	ppbv	100
30) Cyclohexane	6.632	84	1060163	9.667	ppbv	100
31) cis-1,2-Dichloroethene	5.102	61	1239982	9.608	ppbv	100
32) 1,1,1-Trichloroethane	6.031	97	2099050	9.880	ppbv	100
34) 2-Butanone	4.806	43	1513588	9.254	ppbv	100
35) Carbon Tetrachloride	6.523	117	2227783	10.311	ppbv	100
36) Benzene	6.401	78	2671792	9.618	ppbv	100
37) 1,2-Dichloroethane	5.835	62	1601535	9.592	ppbv	100
38) Trichloroethene	7.324	130	1037172	10.288	ppbv	100
39) 1,2-Dichloropropane	7.105	63	1053865	9.558	ppbv	100
40) 1,4-Dioxane	7.317	88	366150	9.686	ppbv	100
41) Tetrahydrofuran	5.581	42	1073653	10.262	ppbv	100
42) Bromodichloromethane	7.282	83	2371906	9.943	ppbv	100
43) Methyl Methacrylate	7.504	69	1121188	11.619	ppbv	100
44) 2,2,4-Trimethylpentane	7.359	57	4479579	9.730	ppbv	100
45) t-1,3-Dichloropropene	8.745	75	706053	11.353	ppbv	100

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Reviewed By : Semsettin Yesilyurt 04/05/2024
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL040424AIR.M

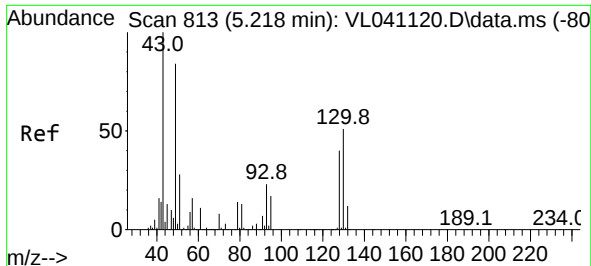
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Fri Apr 05 04:13:19 2024

Response via : Initial Calibration

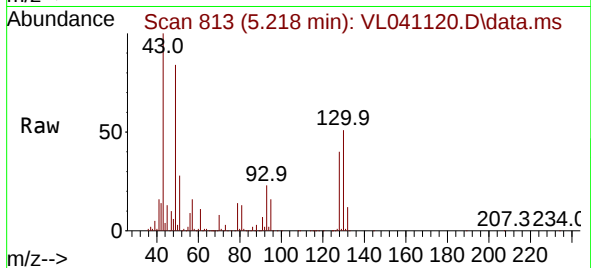
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.179	75	872825	11.025	ppbv	100
47) 1,1,2-Trichloroethane	8.934	97	1139110	9.611	ppbv	100
48) Dibromochloromethane	9.748	129	1978281	10.516	ppbv	100
49) Bromoform	12.449	173	1586223	10.637	ppbv	100
50) 4-Methyl-2-Pentanone	8.214	43	2875816	10.247	ppbv	100
51) 2-Hexanone	9.584	43	2088602	10.734	ppbv	100
52) Tetrachloroethene	10.651	164	914607	10.270	ppbv	100
53) Toluene	9.259	91	3070494	10.450	ppbv	100
54) 1,2-Dibromoethane	10.047	107	1582198	10.712	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.545	131	1428791	9.474	ppbv	100
57) Chlorobenzene	11.565	112	2353541	9.430	ppbv	100
58) Ethyl Benzene	12.127	91	4131813	10.289	ppbv	100
59) m/p-Xylene	12.410	91	7176637m	19.771	ppbv	
60) o-Xylene	13.098	91	3430651	9.938	ppbv	100
61) Styrene	12.937	104	1713433	11.214	ppbv	100
62) Isopropylbenzene	14.066	105	4942195	9.644	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.085	83	2578383	9.464	ppbv	100
64) n-propylbenzene	14.953	120	1295769	10.100	ppbv	100
65) tert-Butylbenzene	16.130	119	4426369	9.888	ppbv	100
66) Benzyl Chloride	16.368	91	320179	10.853	ppbv	100
67) sec-Butylbenzene	16.674	105	6256972	9.693	ppbv	100
69) p-Isopropyltoluene	17.031	119	5092334	10.119	ppbv	100
70) n-Butylbenzene	17.921	91	5555768	10.136	ppbv	100
71) 2-Chlorotoluene	14.841	91	3874223	9.871	ppbv	100
72) 4-Ethyltoluene	15.233	105	3903021	10.248	ppbv	100
73) 1,3,5-Trimethylbenzene	15.391	105	3409771	10.064	ppbv	100
74) 1,2,4-Trimethylbenzene	16.146	105	3852236	9.867	ppbv	100
75) 1,3-Dichlorobenzene	16.371	146	2221164	9.806	ppbv	100
76) 1,4-Dichlorobenzene	16.513	146	2149783	9.743	ppbv	100
77) 1,2-Dichlorobenzene	17.178	146	2146629	9.750	ppbv	100
78) Hexachloro-1,3-Butadiene	22.677	225	1328860	9.088	ppbv	100
79) Naphthalene	21.429	128	3196420	13.033	ppbv	100
80) Naphthalene,2-methyl-	24.410	142	596556	13.879	ppbv	100
81) 1,2,4-Trichlorobenzene	21.182	180	1534915	10.862	ppbv	100

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.218 min Scan# 813
Delta R.T. -0.000 min
Lab File: VL041120.D
Acq: 4 Apr 2024 9:25

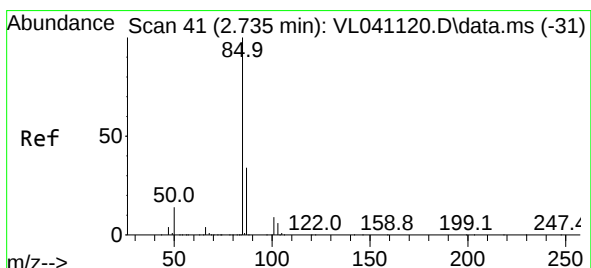
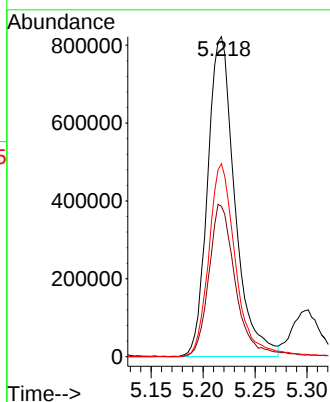
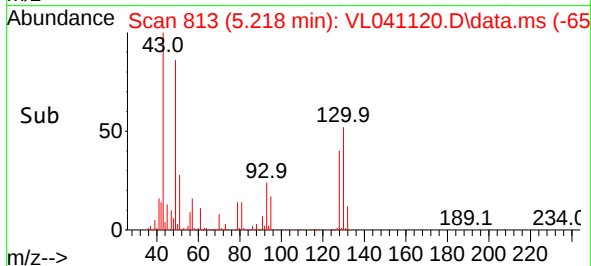
Instrument : MSVOA_L
ClientSampleId : VSTDICCC010



Tgt Ion: 49 Resp: 1494308
Ion Ratio Lower Upper
49 100
128 47.3 23.6 71.0
130 60.3 30.1 90.5

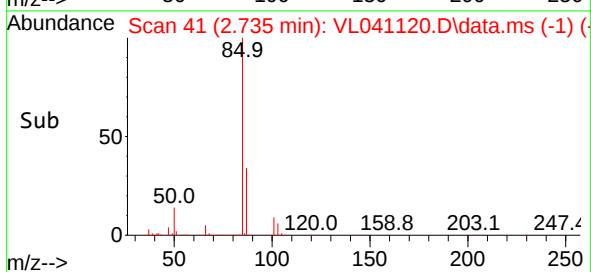
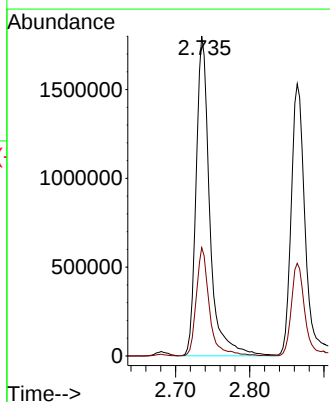
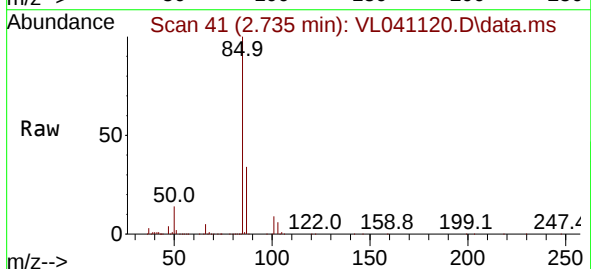
Manual Integrations
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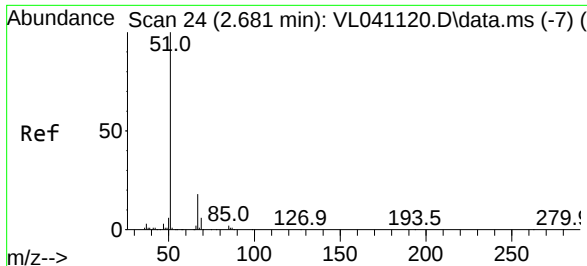
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#2
Dichlorodifluoromethane
Concen: 9.015 ppbv
RT: 2.735 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL041120.D
Acq: 4 Apr 2024 9:25

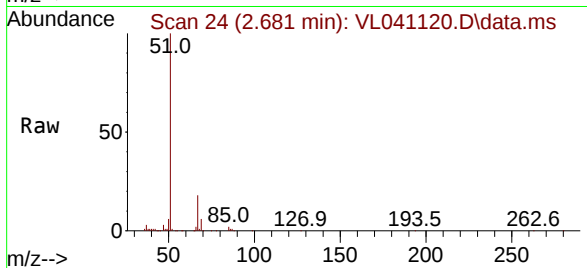
Tgt Ion: 85 Resp: 2311121
Ion Ratio Lower Upper
85 100
87 33.8 27.0 40.6





#3
Chlorodifluoromethane
Concen: 8.867 ppbv
RT: 2.681 min Scan# 24
Delta R.T. 0.000 min
Lab File: VL041120.D
Acq: 4 Apr 2024 9:25

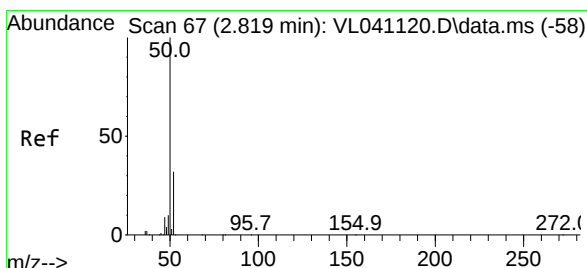
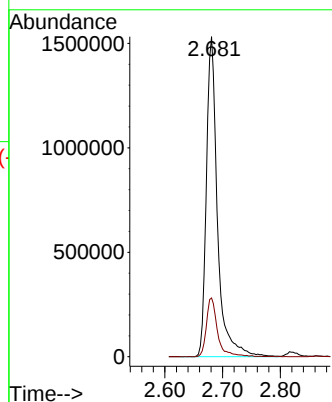
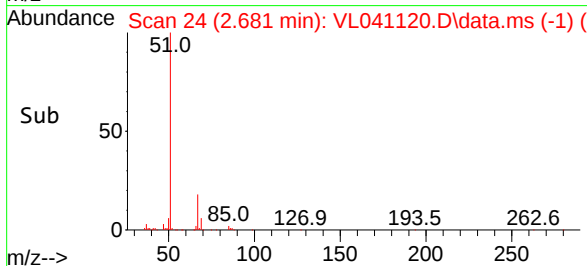
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



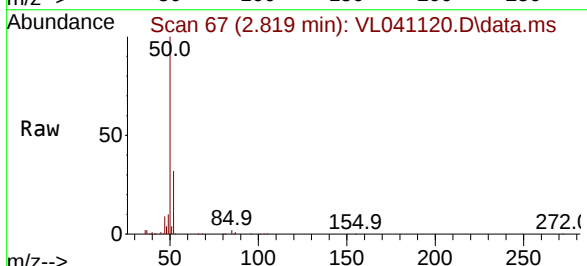
Tgt Ion: 51 Resp: 2040868
Ion Ratio Lower Upper
51 100
67 18.6 14.9 22.3

Manual Integrations
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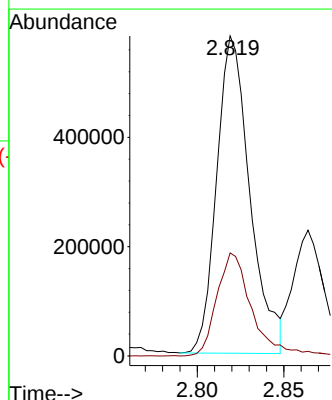
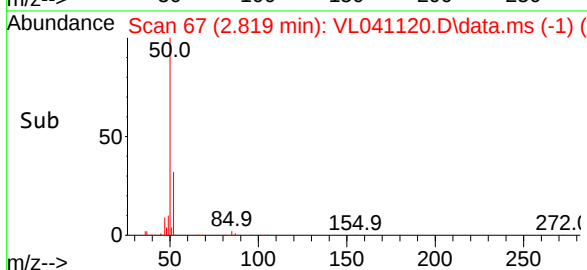
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024

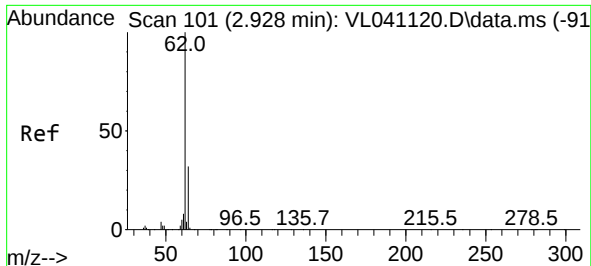


#4
Chloromethane
Concen: 8.898 ppbv
RT: 2.819 min Scan# 67
Delta R.T. 0.000 min
Lab File: VL041120.D
Acq: 4 Apr 2024 9:25



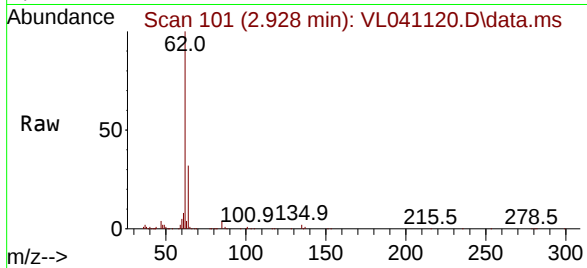
Tgt Ion: 50 Resp: 774987
Ion Ratio Lower Upper
50 100
52 32.5 26.0 39.0





#5
 Vinyl Chloride
 Concen: 9.597 ppbv
 RT: 2.928 min Scan# 101
 Delta R.T. 0.000 min
 Lab File: VL041120.D
 Acq: 4 Apr 2024 9:25

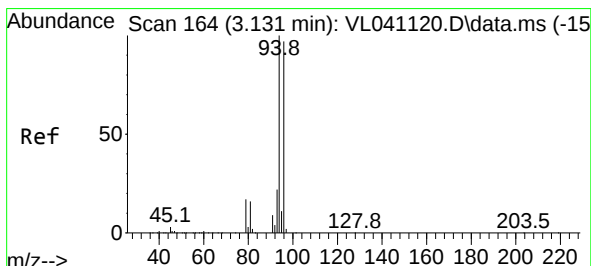
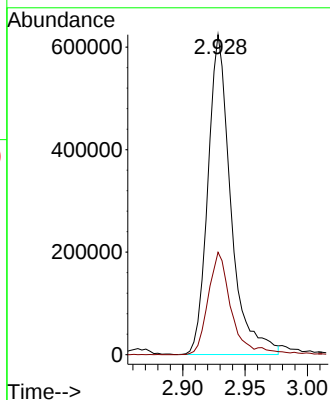
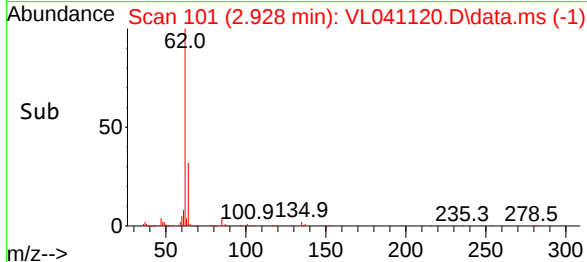
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



Tgt Ion: 62 Resp: 798818
 Ion Ratio Lower Upper
 62 100
 64 32.0 25.6 38.4

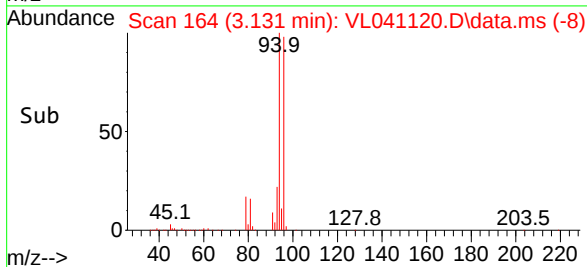
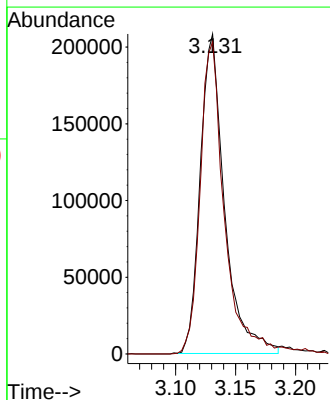
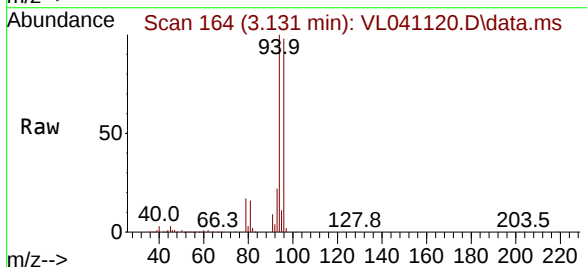
Manual Integrations
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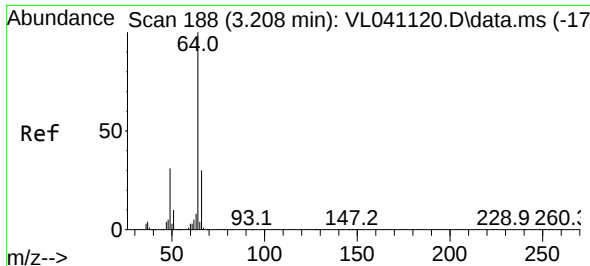
Reviewed By :Semsettin Yesilyurt 04/05/2024
 Supervised By :Mahesh Dadoda 04/05/2024



#6
 Bromomethane
 Concen: 9.307 ppbv
 RT: 3.131 min Scan# 164
 Delta R.T. 0.000 min
 Lab File: VL041120.D
 Acq: 4 Apr 2024 9:25

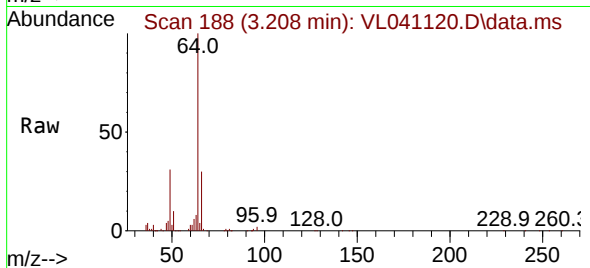
Tgt Ion: 94 Resp: 294741
 Ion Ratio Lower Upper
 94 100
 96 97.4 77.9 116.9





#7
Chloroethane
Concen: 9.549 ppbv
RT: 3.208 min Scan# 188
Delta R.T. 0.000 min
Lab File: VL041120.D
Acq: 4 Apr 2024 9:25

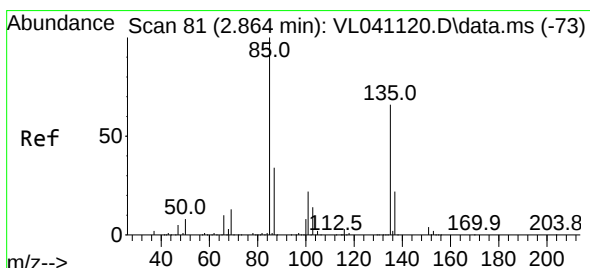
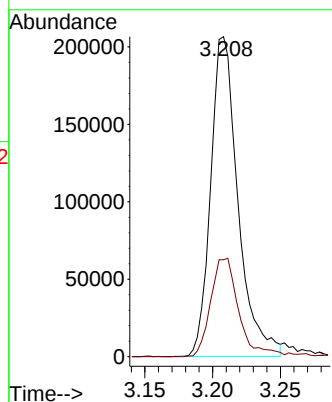
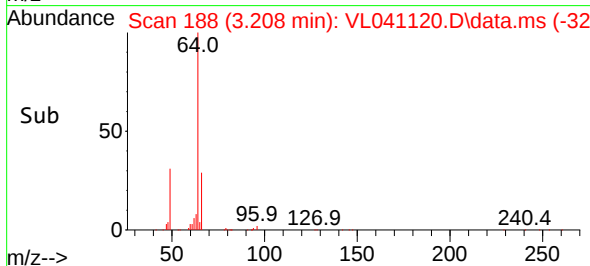
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 64 Resp: 289502
Ion Ratio Lower Upper
64 100
66 30.3 24.2 36.4

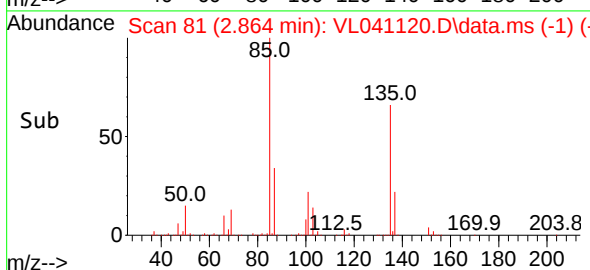
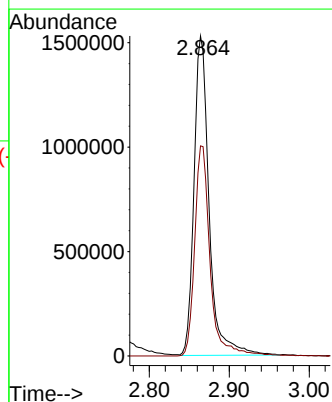
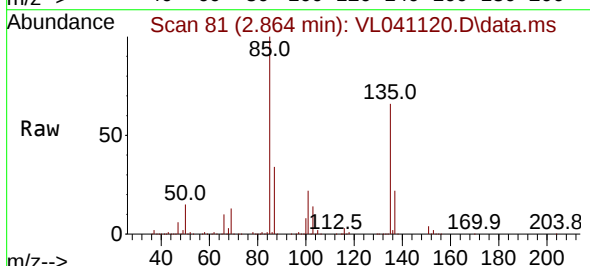
Manual Integrations
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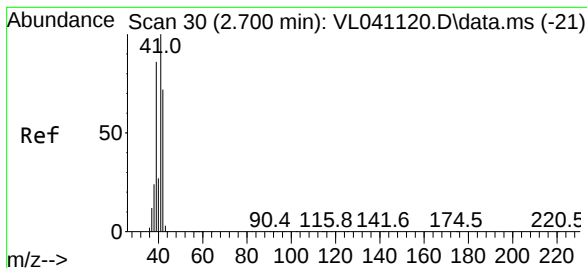
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#8
Dichlorotetrafluoroethane
Concen: 9.211 ppbv
RT: 2.864 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL041120.D
Acq: 4 Apr 2024 9:25

Tgt Ion: 85 Resp: 2008403
Ion Ratio Lower Upper
85 100
135 67.7 54.2 81.2





#9

Propene

Concen: 9.008 ppbv

RT: 2.700 min Scan# 30

Delta R.T. 0.000 min

Lab File: VL041120.D

Acq: 4 Apr 2024 9:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 41 Resp: 659544

Ion Ratio Lower Upper

41 100

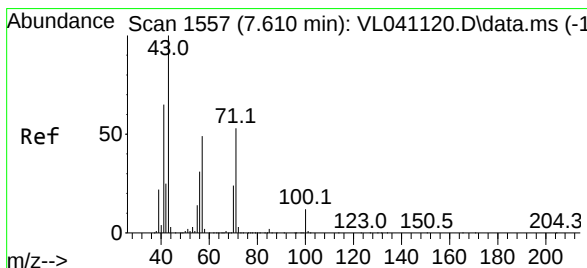
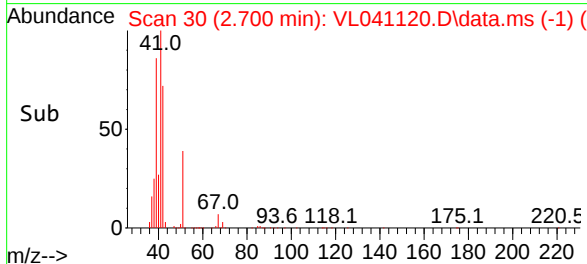
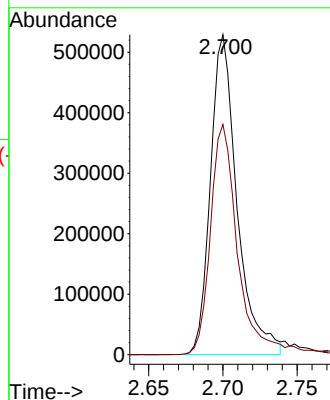
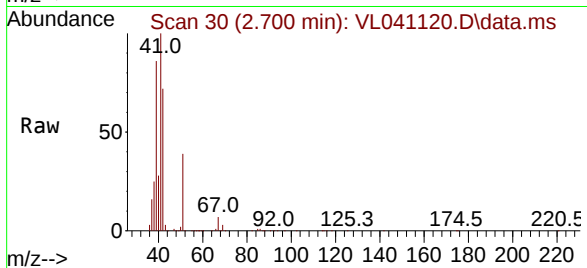
42 75.1 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/05/2024

Supervised By :Mahesh Dadoda 04/05/2024



#10

Heptane

Concen: 9.903 ppbv

RT: 7.610 min Scan# 1557

Delta R.T. 0.000 min

Lab File: VL041120.D

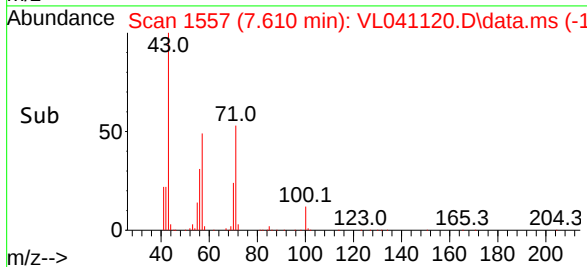
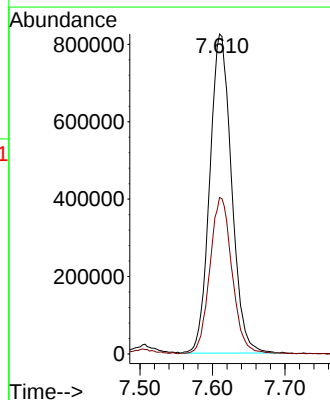
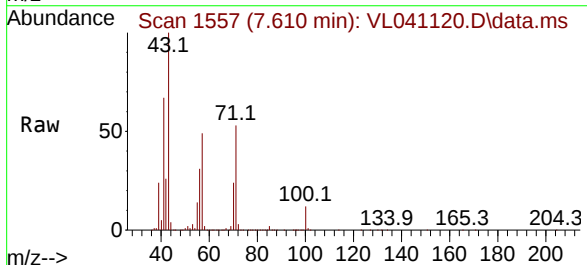
Acq: 4 Apr 2024 9:25

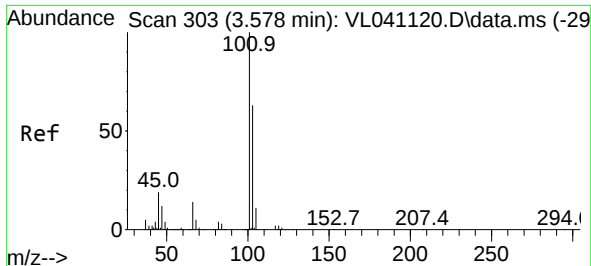
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Ion Ratio Lower Upper

43 100

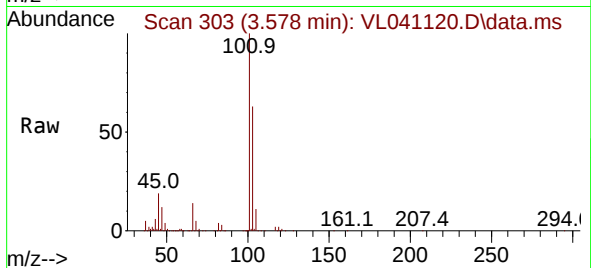
57 49.9 39.9 59.9





#11
Trichlorofluoromethane
Concen: 9.066 ppbv
RT: 3.578 min Scan# 303
Delta R.T. 0.000 min
Lab File: VL041120.D
Acq: 4 Apr 2024 9:25

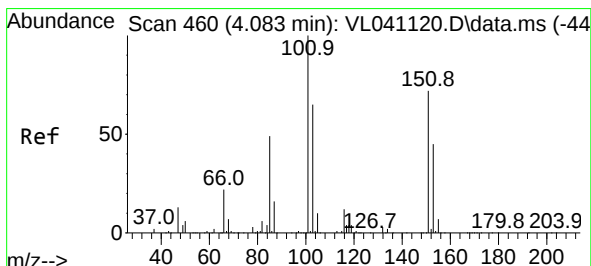
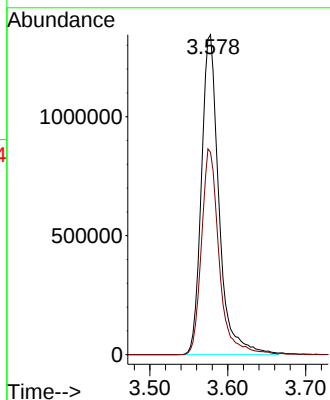
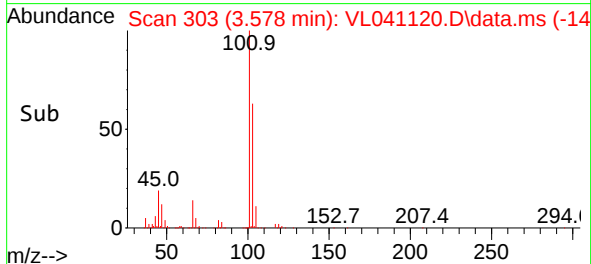
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion:101 Resp: 2101528
Ion Ratio Lower Upper
101 100
103 63.2 50.6 75.8

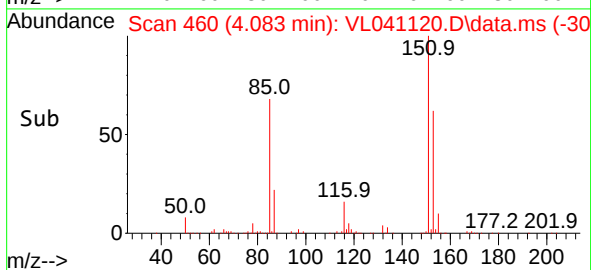
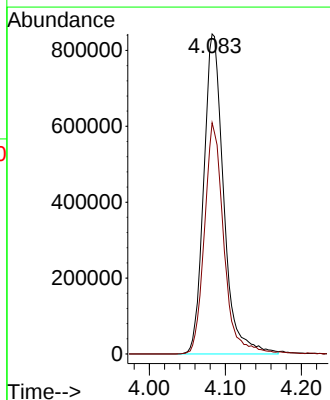
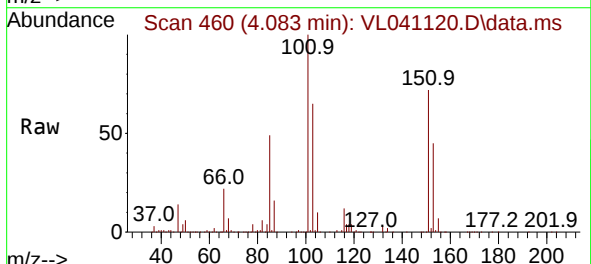
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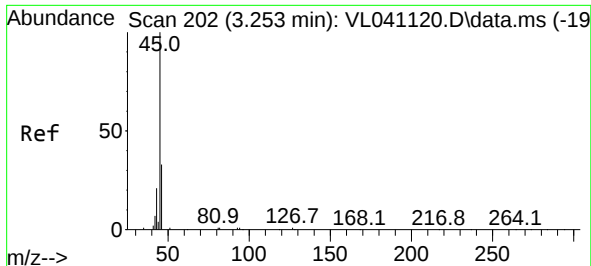
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.143 ppbv
RT: 4.083 min Scan# 460
Delta R.T. 0.000 min
Lab File: VL041120.D
Acq: 4 Apr 2024 9:25

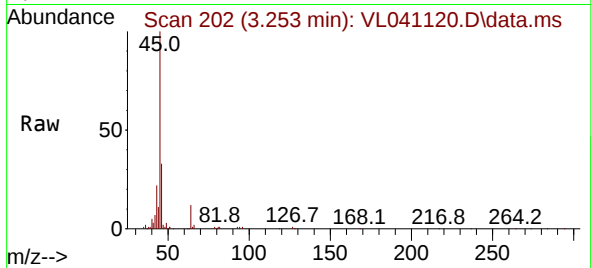
Tgt Ion:101 Resp: 1533864
Ion Ratio Lower Upper
101 100
151 70.3 56.2 84.4





#13
Ethanol
Concen: 8.587 ppbv
RT: 3.253 min Scan# 202
Delta R.T. 0.000 min
Lab File: VL041120.D
Acq: 4 Apr 2024 9:25

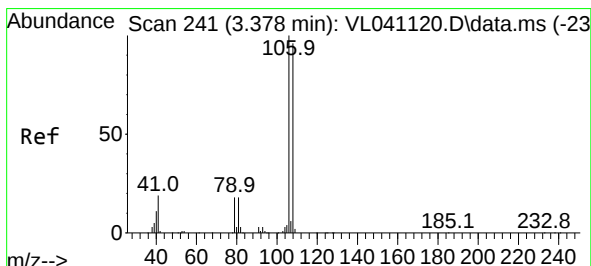
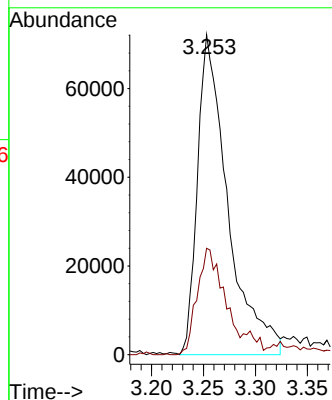
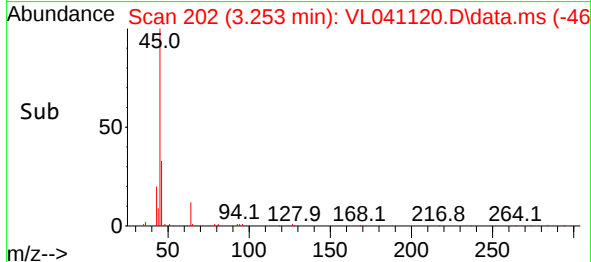
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



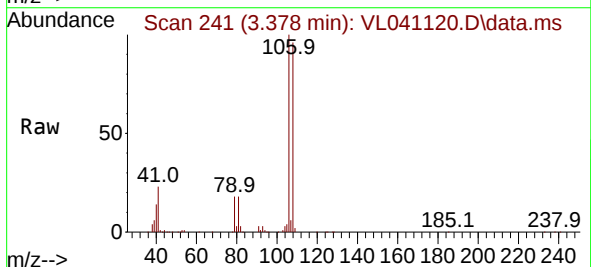
Tgt Ion: 45 Resp: 146439
Ion Ratio Lower Upper
45 100
46 37.4 15.0 59.8

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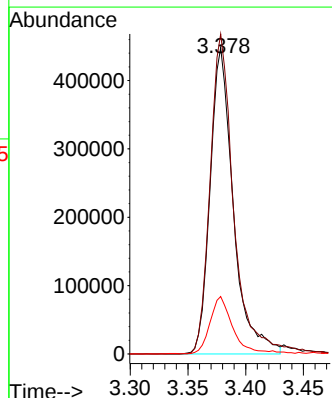
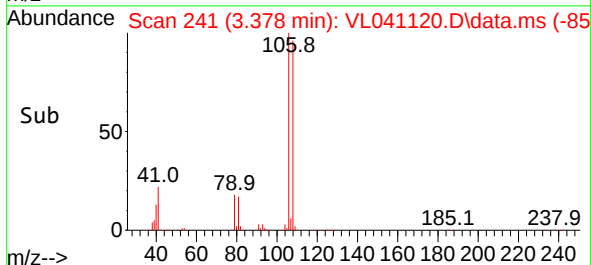
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024

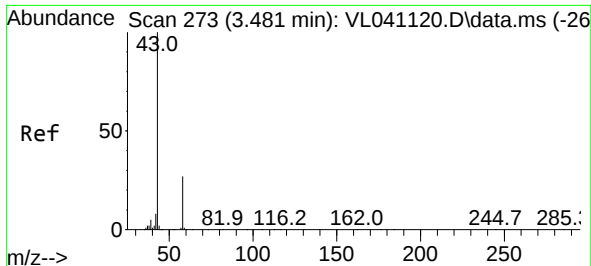


#14
Bromoethene
Concen: 9.478 ppbv
RT: 3.378 min Scan# 241
Delta R.T. 0.000 min
Lab File: VL041120.D
Acq: 4 Apr 2024 9:25



Tgt Ion:108 Resp: 626304
Ion Ratio Lower Upper
108 100
106 107.5 86.0 129.0
79 19.3 15.4 23.2





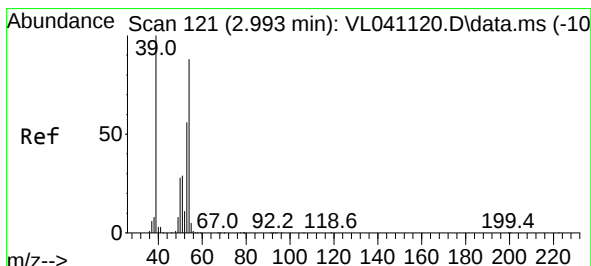
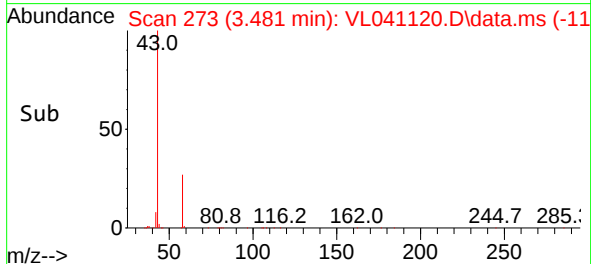
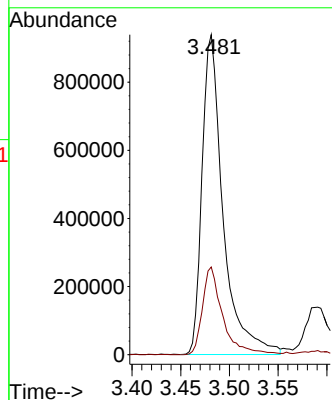
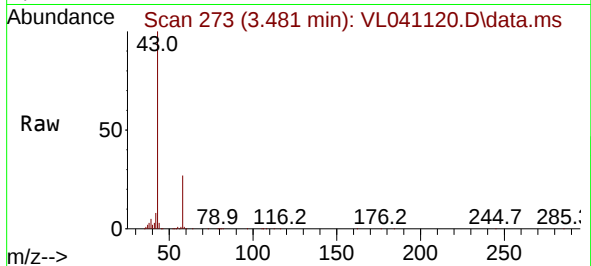
#15
Acetone
Concen: 8.709 ppbv
RT: 3.481 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041120.D
Acq: 4 Apr 2024 9:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 43 Resp: 1409210
Ion Ratio Lower Upper
43 100
58 26.4 21.1 31.7

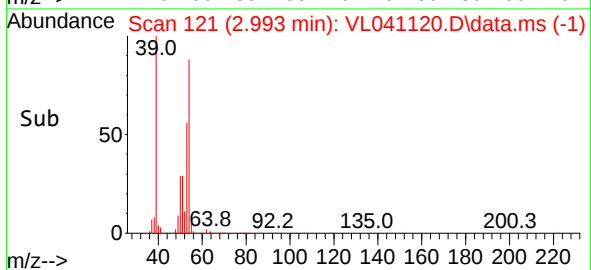
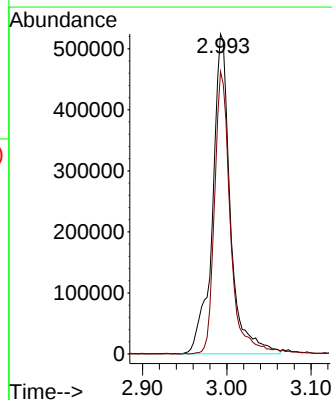
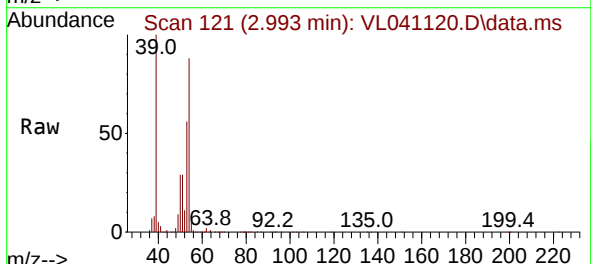
Manual Integrations
APPROVED

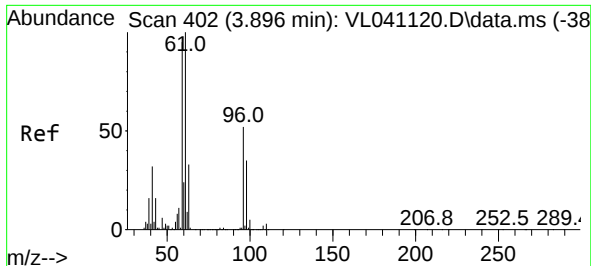
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#16
1,3-Butadiene
Concen: 9.732 ppbv
RT: 2.993 min Scan# 121
Delta R.T. 0.000 min
Lab File: VL041120.D
Acq: 4 Apr 2024 9:25

Tgt Ion: 39 Resp: 772941
Ion Ratio Lower Upper
39 100
54 79.4 63.5 95.3





#17

tert-Butyl alcohol

Concen: 9.588 ppbv

RT: 3.896 min Scan# 402

Delta R.T. 0.000 min

Lab File: VL041120.D

Acq: 4 Apr 2024 9:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 59 Resp: 140813

Ion Ratio Lower Upper

59 100

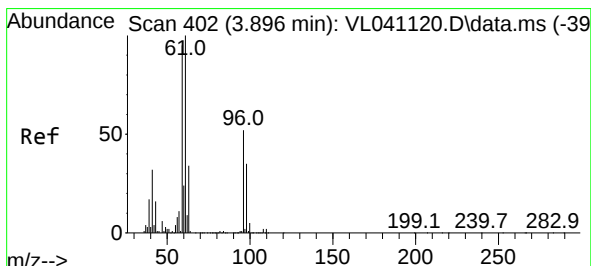
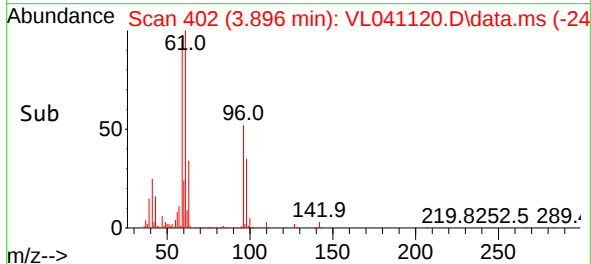
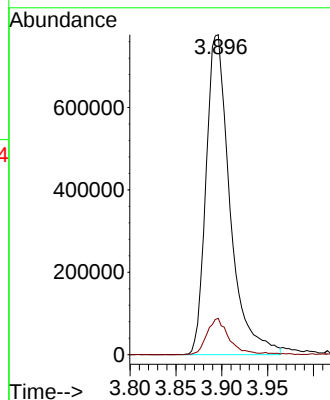
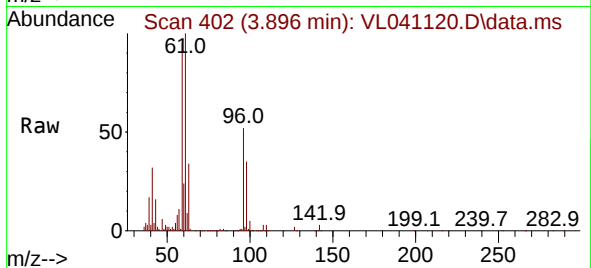
57 10.9 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/05/2024

Supervised By :Mahesh Dadoda 04/05/2024



#18

1,1-Dichloroethene

Concen: 9.331 ppbv

RT: 3.896 min Scan# 402

Delta R.T. 0.000 min

Lab File: VL041120.D

Acq: 4 Apr 2024 9:25

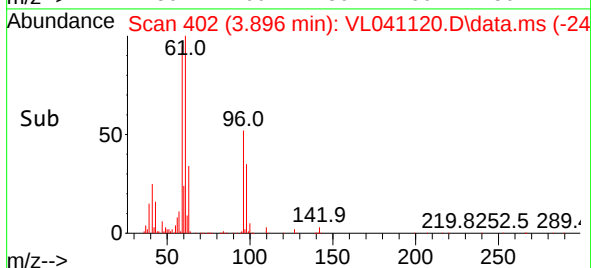
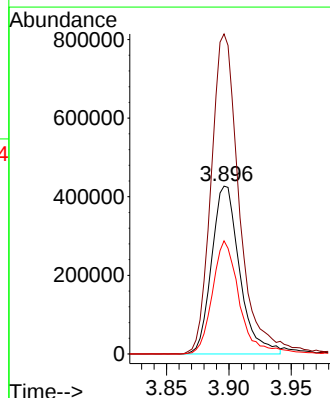
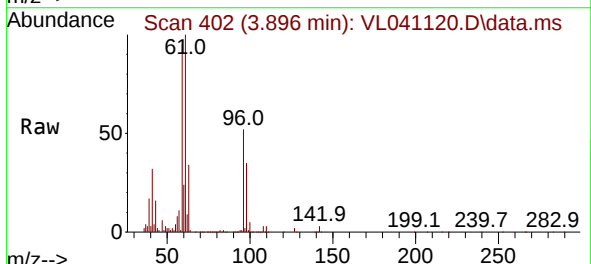
Tgt Ion: 96 Resp: 668362

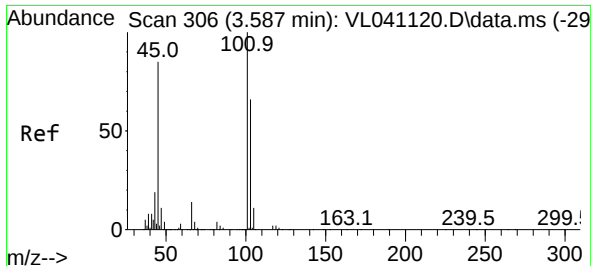
Ion Ratio Lower Upper

96 100

61 190.7 152.6 228.8

98 67.5 54.0 81.0





#19

Isopropyl Alcohol

Concen: 9.395 ppbv

RT: 3.587 min Scan# 306

Delta R.T. 0.000 min

Lab File: VL041120.D

Acq: 4 Apr 2024 9:25

Instrument :

MSVOA_L

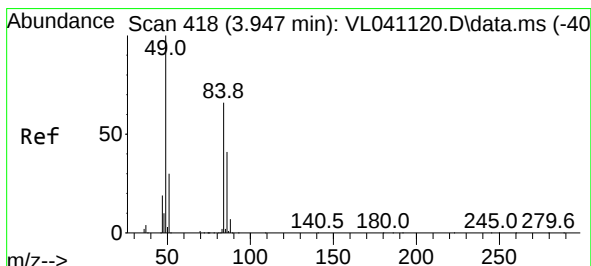
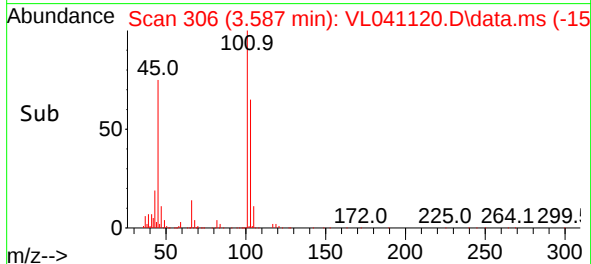
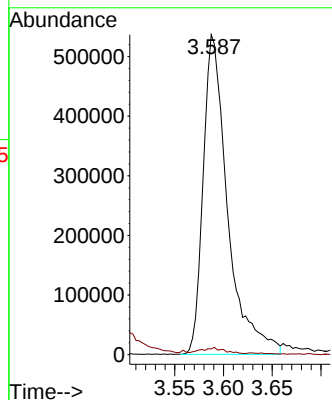
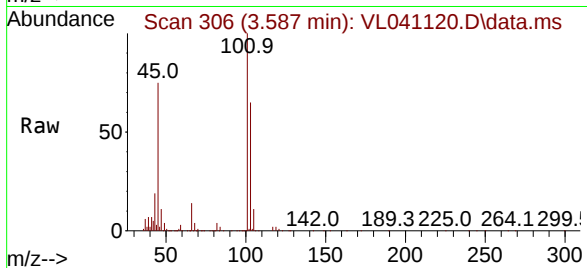
ClientSampleId :

VSTDICCC010

Tgt Ion: 45 Resp: 93394
 Ion Ratio Lower Upper
 45 100
 58 3.5 2.8 4.2

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 04/05/2024
 Supervised By :Mahesh Dadoda 04/05/2024



#20

Methylene Chloride

Concen: 8.580 ppbv

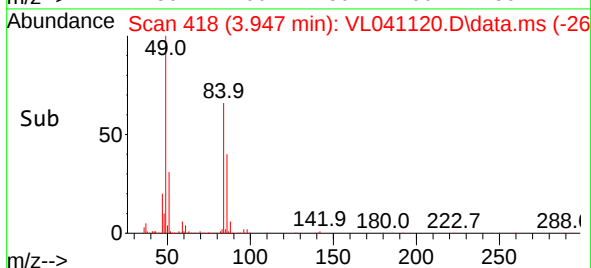
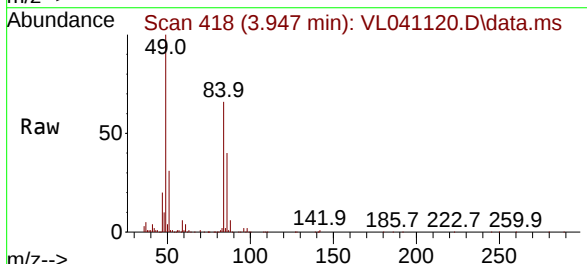
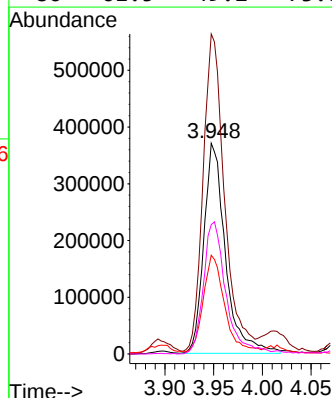
RT: 3.947 min Scan# 418

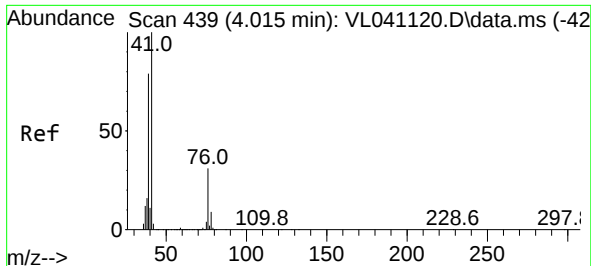
Delta R.T. 0.000 min

Lab File: VL041120.D

Acq: 4 Apr 2024 9:25

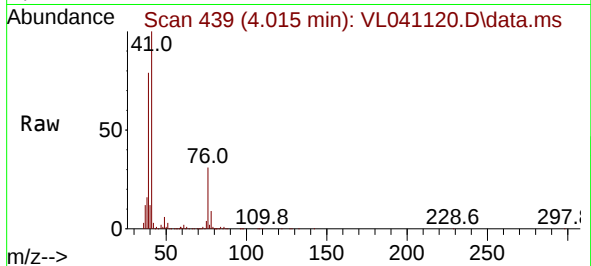
Tgt Ion: 84 Resp: 572579
 Ion Ratio Lower Upper
 84 100
 49 150.9 120.7 181.1
 51 45.7 36.6 54.8
 86 61.5 49.2 73.8





#21
 Allyl Chloride
 Concen: 9.493 ppbv
 RT: 4.015 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL041120.D
 Acq: 4 Apr 2024 9:25

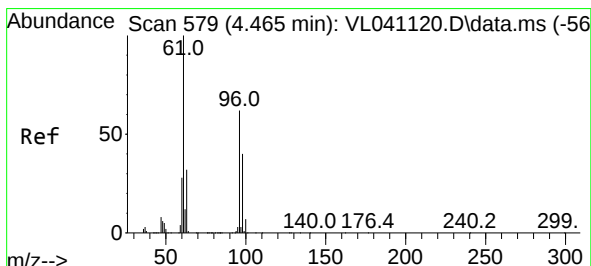
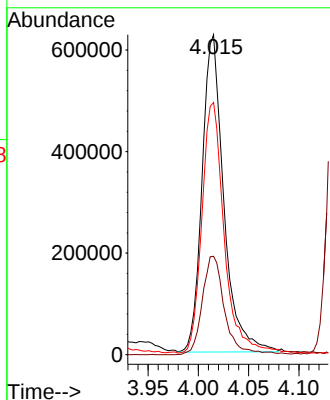
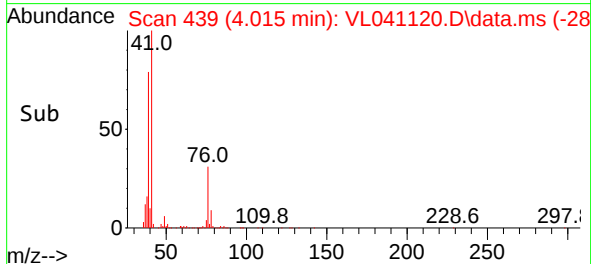
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



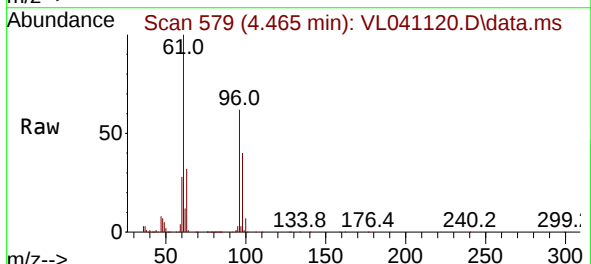
Tgt Ion: 41 Resp: 935924
 Ion Ratio Lower Upper
 41 100
 76 32.1 25.7 38.5
 39 82.1 65.7 98.5

Manual Integrations
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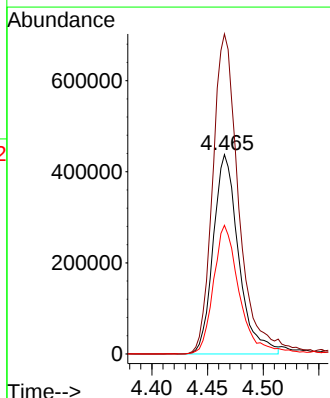
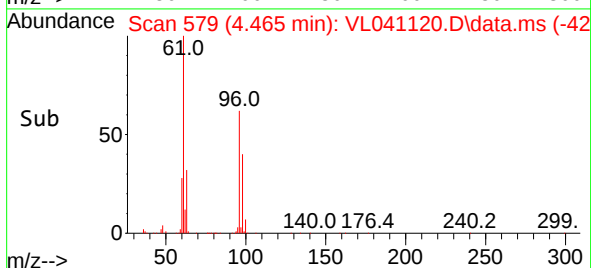
Reviewed By :Semsettin Yesilyurt 04/05/2024
 Supervised By :Mahesh Dadoda 04/05/2024

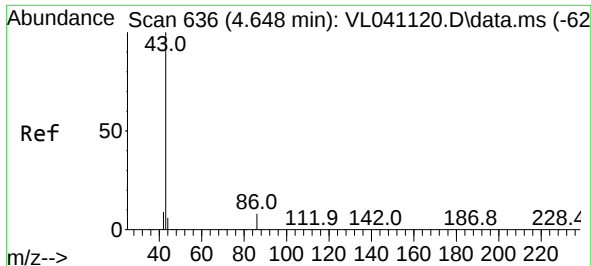


#22
 trans-1,2-Dichloroethene
 Concen: 9.299 ppbv
 RT: 4.465 min Scan# 579
 Delta R.T. 0.000 min
 Lab File: VL041120.D
 Acq: 4 Apr 2024 9:25



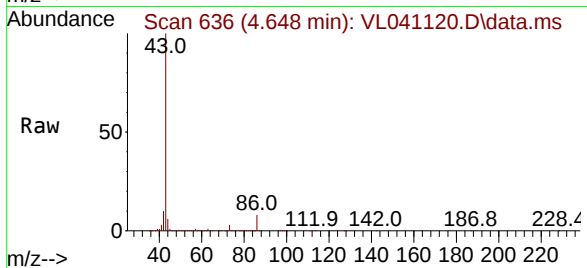
Tgt Ion: 96 Resp: 694415
 Ion Ratio Lower Upper
 96 100
 61 160.5 128.4 192.6
 98 64.4 51.5 77.3





#23
 Vinyl Acetate
 Concen: 9.609 ppbv
 RT: 4.648 min Scan# 613
 Delta R.T. 0.000 min
 Lab File: VL041120.D
 Acq: 4 Apr 2024 9:25

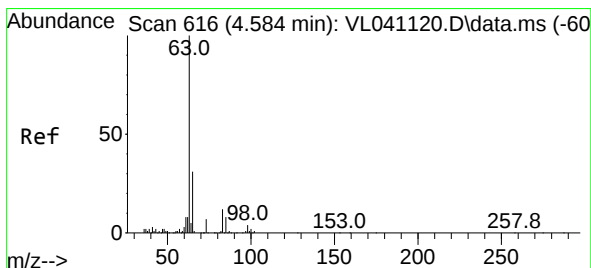
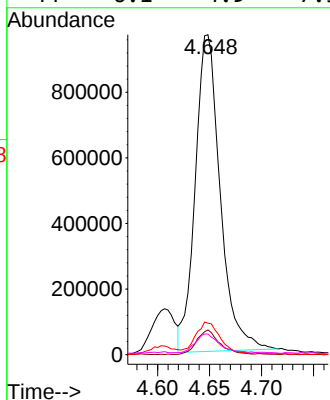
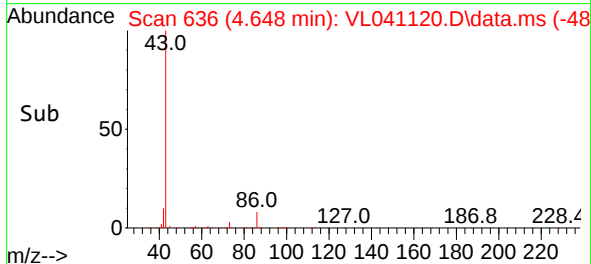
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



Tgt Ion: 43 Resp: 1613130
 Ion Ratio Lower Upper
 43 100
 86 7.8 6.2 9.4
 42 9.6 7.7 11.5
 44 6.1 4.9 7.3

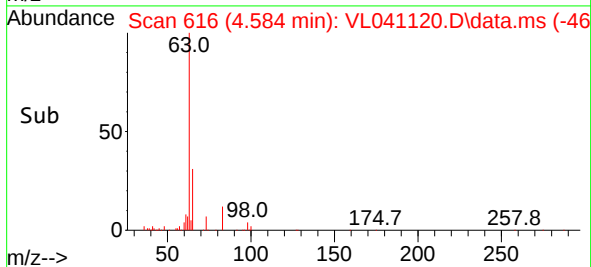
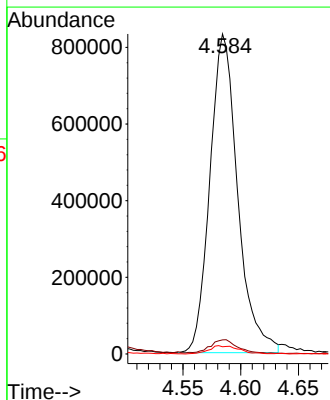
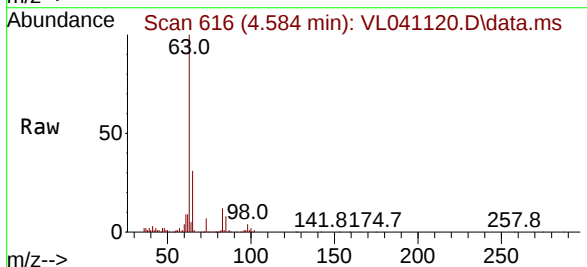
Manual Integrations
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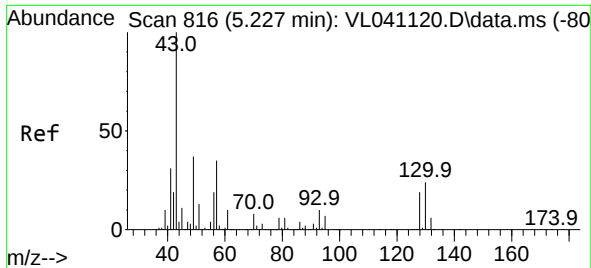
Reviewed By :Semsettin Yesilyurt 04/05/2024
 Supervised By :Mahesh Dadoda 04/05/2024



#24
 1,1-Dichloroethane
 Concen: 9.246 ppbv
 RT: 4.584 min Scan# 616
 Delta R.T. 0.000 min
 Lab File: VL041120.D
 Acq: 4 Apr 2024 9:25

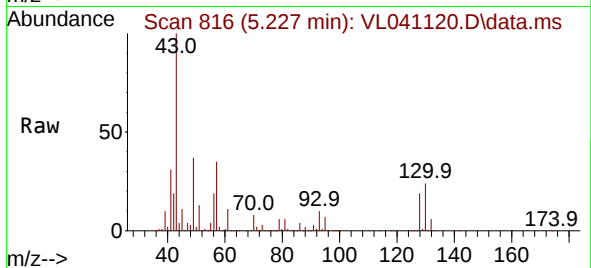
Tgt Ion: 63 Resp: 1390524
 Ion Ratio Lower Upper
 63 100
 98 4.2 2.1 6.3
 100 2.2 1.1 3.3





#25
Ethyl Acetate
Concen: 9.396 ppbv
RT: 5.227 min Scan# 816
Delta R.T. 0.000 min
Lab File: VL041120.D
Acq: 4 Apr 2024 9:25

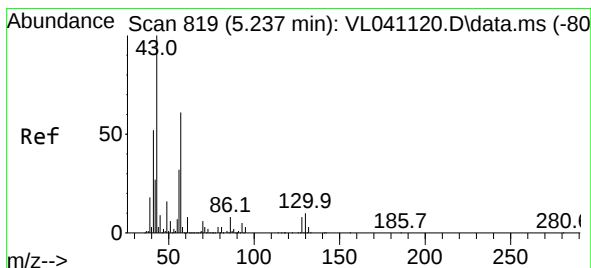
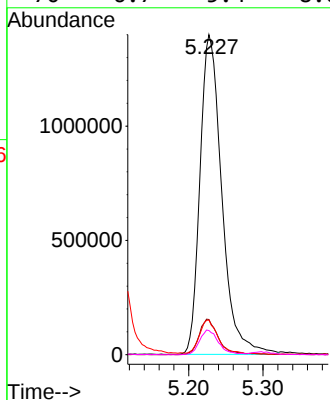
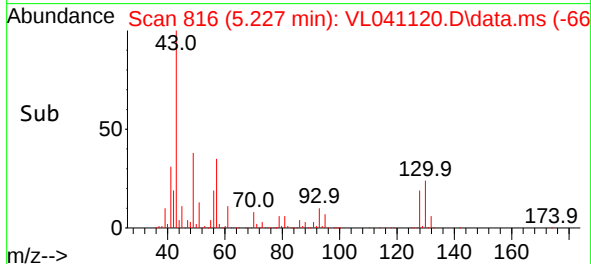
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



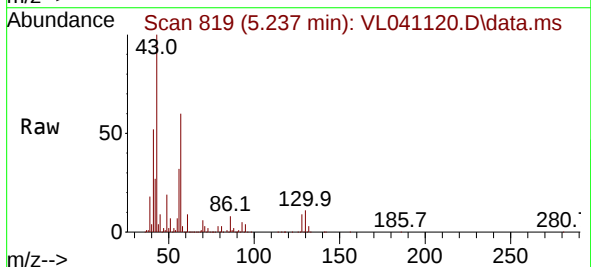
Tgt Ion: 43 Resp: 2854954
Ion Ratio Lower Upper
43 100
45 10.0 8.0 12.0
61 9.7 7.8 11.6
70 6.7 5.4 8.0

Manual Integrations
APPROVED

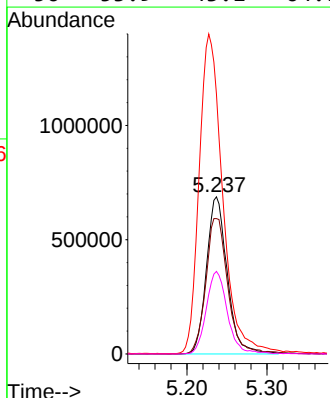
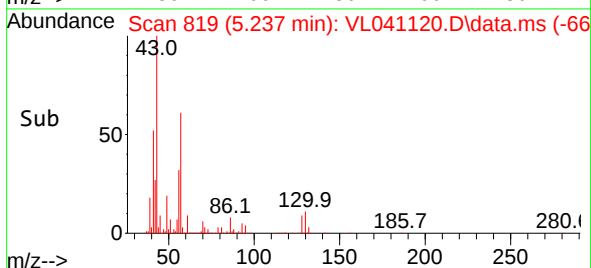
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024

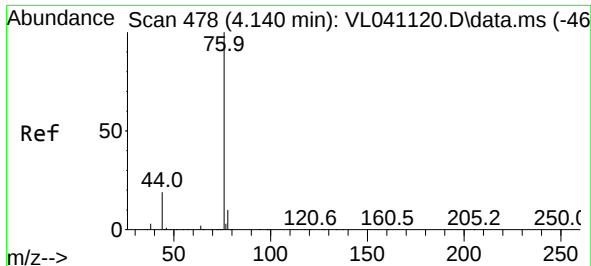


#26
Hexane
Concen: 9.080 ppbv
RT: 5.237 min Scan# 819
Delta R.T. 0.000 min
Lab File: VL041120.D
Acq: 4 Apr 2024 9:25



Tgt Ion: 57 Resp: 1238064
Ion Ratio Lower Upper
57 100
41 92.3 73.8 110.8
43 232.7 186.2 279.2
56 53.9 43.1 64.7





#27

Carbon Disulfide

Concen: 10.067 ppbv

RT: 4.140 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041120.D

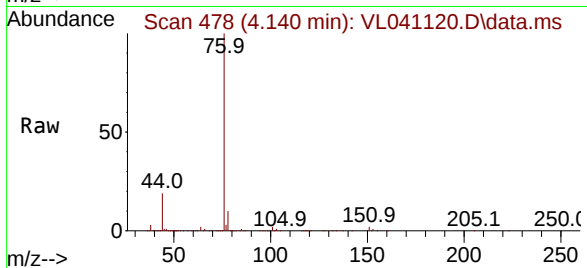
Acq: 4 Apr 2024 9:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010



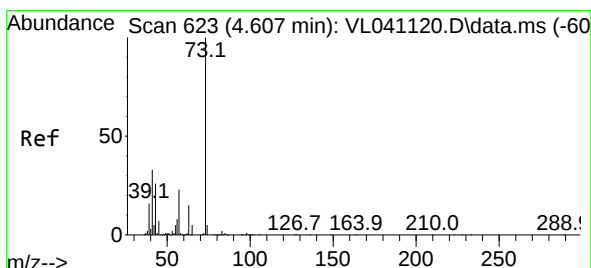
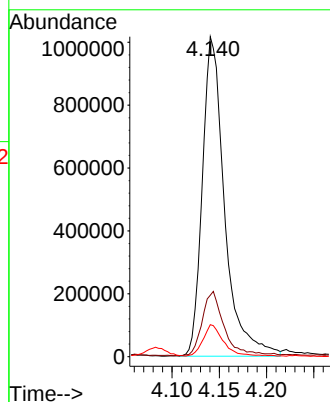
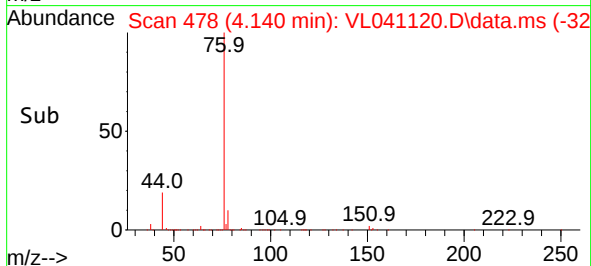
Tgt Ion: 76 Resp: 1666524

Ion	Ratio	Lower	Upper
76	100		
44	20.4	16.3	24.5
78	9.9	7.9	11.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#28

Methyl tert-Butyl Ether

Concen: 9.533 ppbv

RT: 4.607 min Scan# 623

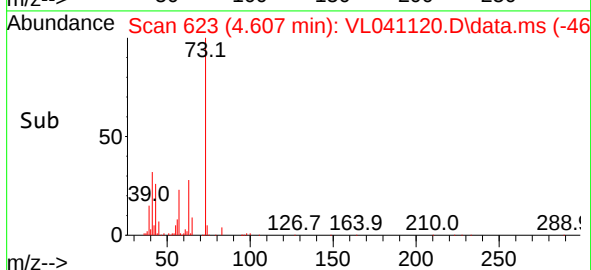
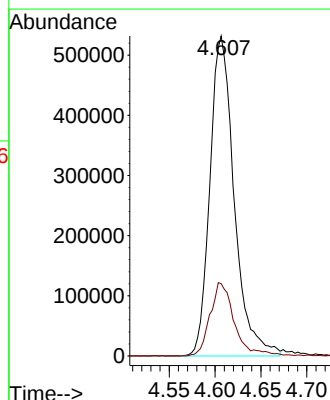
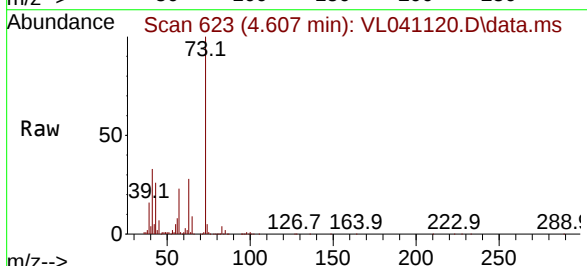
Delta R.T. 0.000 min

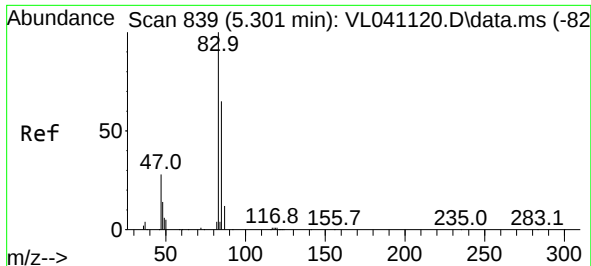
Lab File: VL041120.D

Acq: 4 Apr 2024 9:25

Tgt Ion: 73 Resp: 980936

Ion	Ratio	Lower	Upper
73	100		
57	23.2	18.6	27.8





#29

Chloroform

Concen: 9.182 ppbv

RT: 5.301 min Scan# 839

Delta R.T. 0.000 min

Lab File: VL041120.D

Acq: 4 Apr 2024 9:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 83 Resp: 2110450

Ion Ratio Lower Upper

83 100

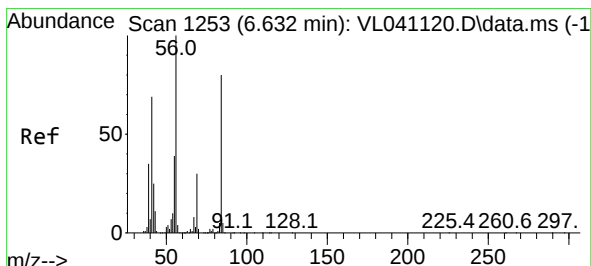
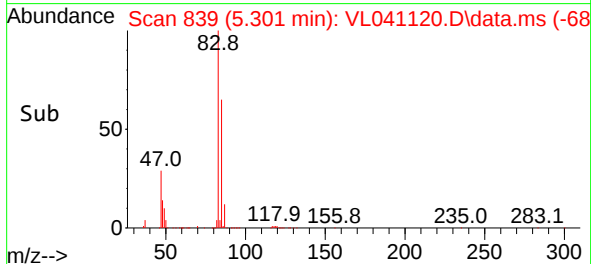
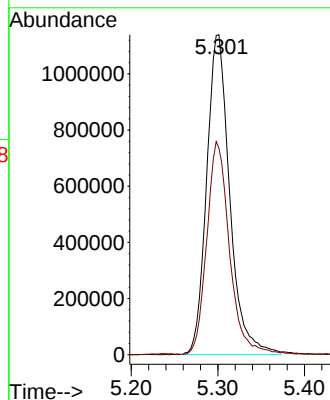
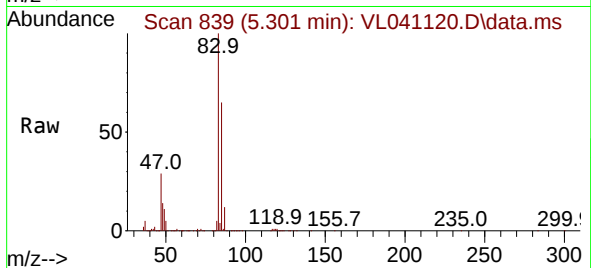
85 64.4 51.5 77.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/05/2024

Supervised By :Mahesh Dadoda 04/05/2024



#30

Cyclohexane

Concen: 9.667 ppbv

RT: 6.632 min Scan# 1253

Delta R.T. 0.000 min

Lab File: VL041120.D

Acq: 4 Apr 2024 9:25

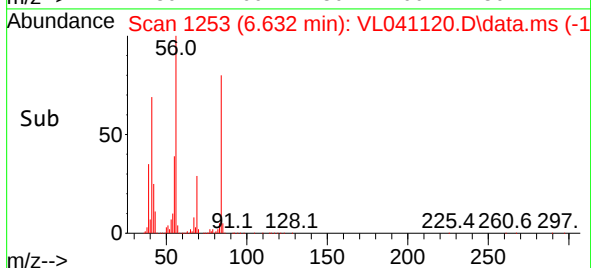
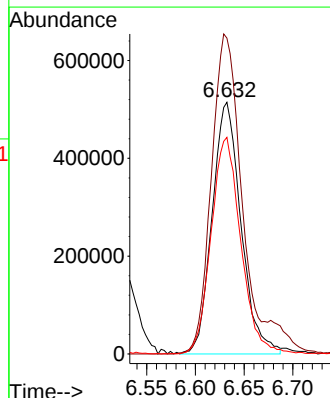
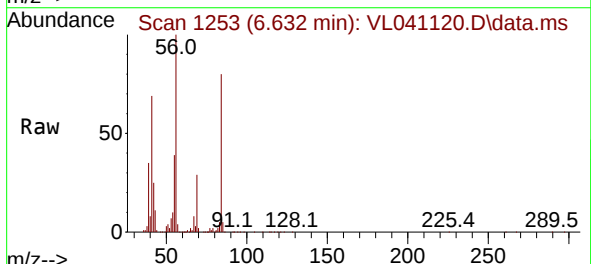
Tgt Ion: 84 Resp: 1060163

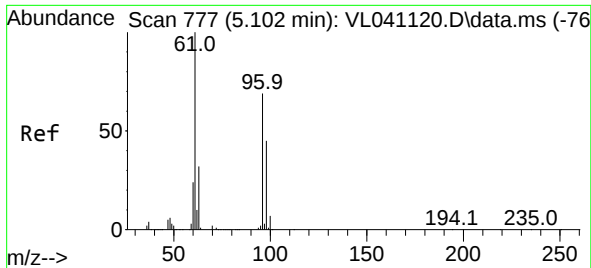
Ion Ratio Lower Upper

84 100

56 139.9 111.9 167.9

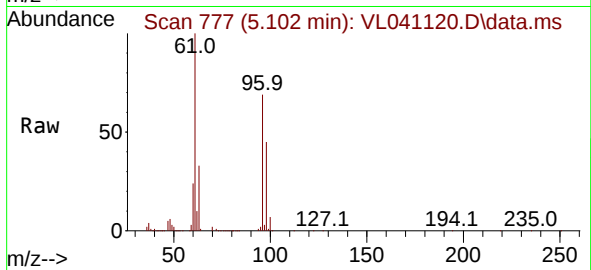
41 88.8 71.0 106.6





#31
 cis-1,2-Dichloroethene
 Concen: 9.608 ppbv
 RT: 5.102 min Scan# 777
 Delta R.T. 0.000 min
 Lab File: VL041120.D
 Acq: 4 Apr 2024 9:25

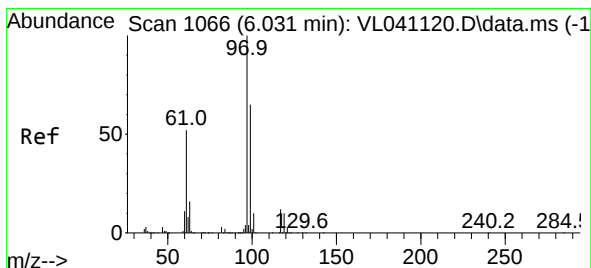
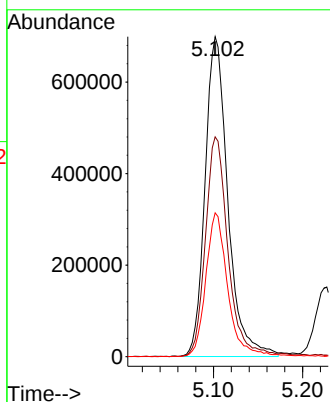
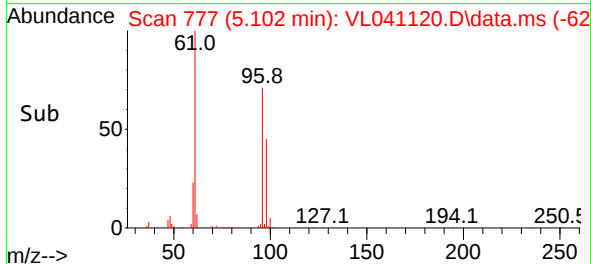
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



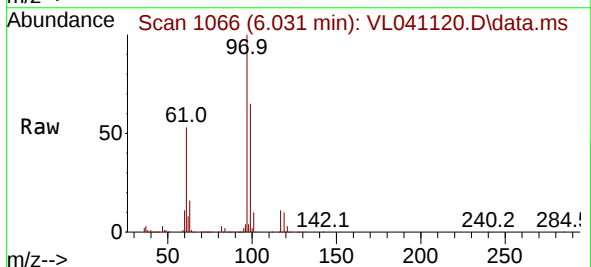
Tgt Ion: 61 Resp: 123998
 Ion Ratio Lower Upper
 61 100
 96 68.6 54.9 82.3
 98 44.9 35.9 53.9

Manual Integrations
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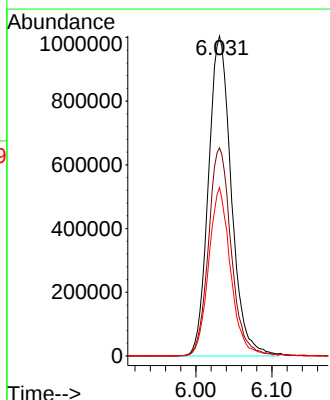
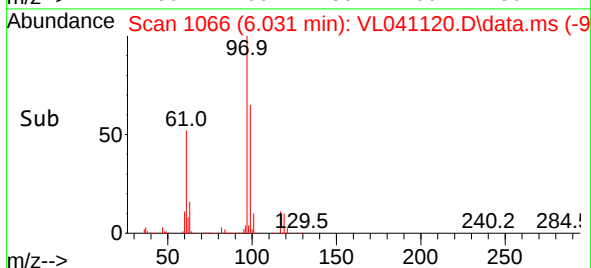
Reviewed By :Semsettin Yesilyurt 04/05/2024
 Supervised By :Mahesh Dadoda 04/05/2024

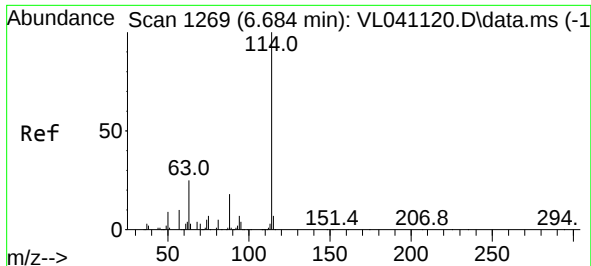


#32
 1,1,1-Trichloroethane
 Concen: 9.880 ppbv
 RT: 6.031 min Scan# 1066
 Delta R.T. 0.000 min
 Lab File: VL041120.D
 Acq: 4 Apr 2024 9:25



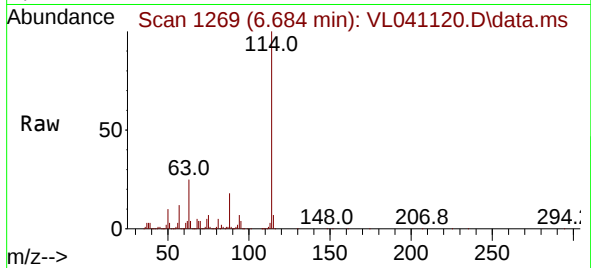
Tgt Ion: 97 Resp: 2099050
 Ion Ratio Lower Upper
 97 100
 99 65.0 52.0 78.0
 61 50.6 40.5 60.7





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.684 min Scan# 1269
Delta R.T. 0.000 min
Lab File: VL041120.D
Acq: 4 Apr 2024 9:25

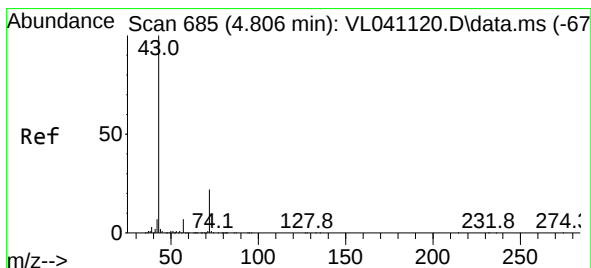
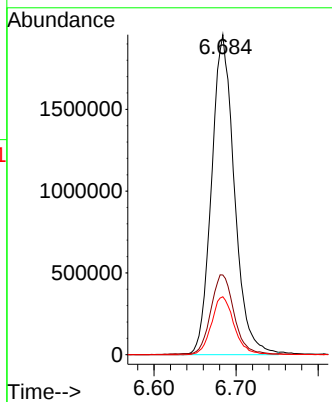
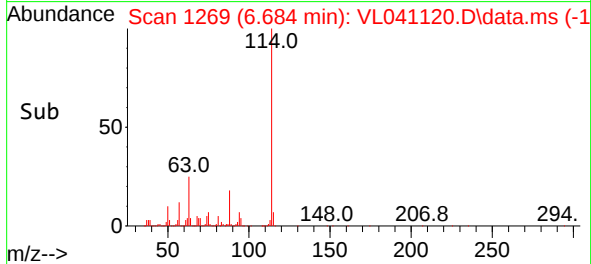
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion:114 Resp: 378686
Ion Ratio Lower Upper
114 100
63 26.1 20.9 31.3
88 18.1 14.5 21.7

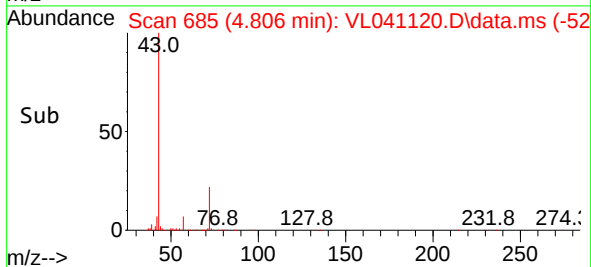
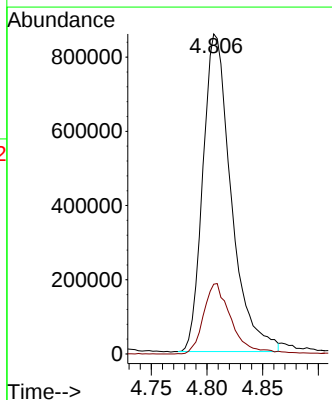
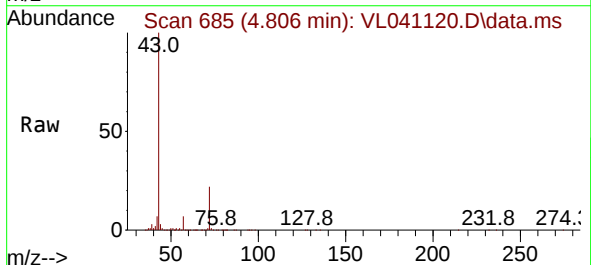
Manual Integrations
APPROVED

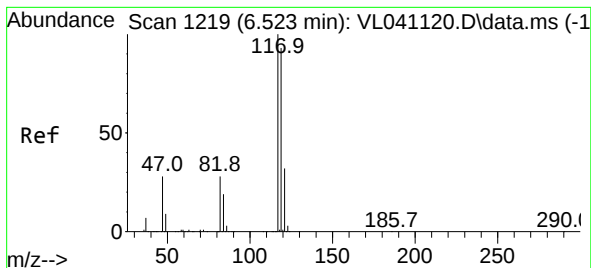
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#34
2-Butanone
Concen: 9.254 ppbv
RT: 4.806 min Scan# 685
Delta R.T. 0.000 min
Lab File: VL041120.D
Acq: 4 Apr 2024 9:25

Tgt Ion: 43 Resp: 1513588
Ion Ratio Lower Upper
43 100
72 22.0 17.6 26.4





#35

Carbon Tetrachloride

Concen: 10.311 ppbv

RT: 6.523 min Scan# 117

Delta R.T. 0.000 min

Lab File: VL041120.D

Acq: 4 Apr 2024 9:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 117 Resp: 222778

Ion Ratio Lower Upper

117 100

119 92.8 74.2 111.4

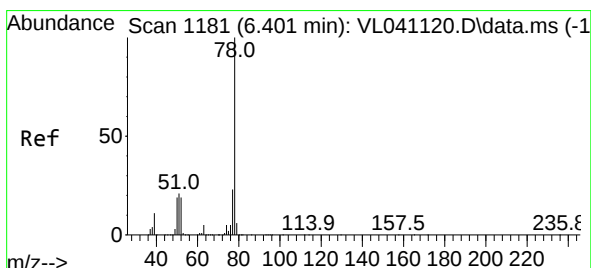
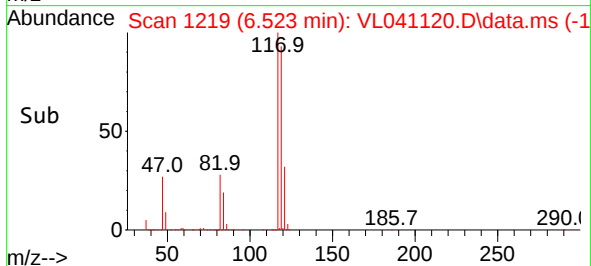
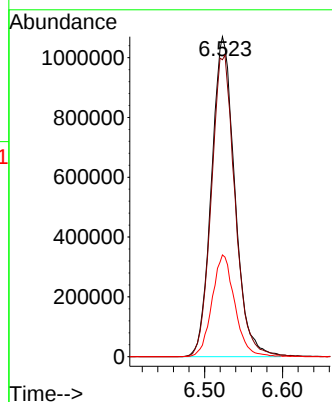
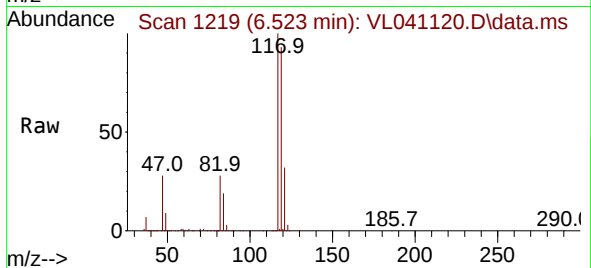
121 31.8 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/05/2024

Supervised By :Mahesh Dadoda 04/05/2024



#36

Benzene

Concen: 9.618 ppbv

RT: 6.401 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VL041120.D

Acq: 4 Apr 2024 9:25

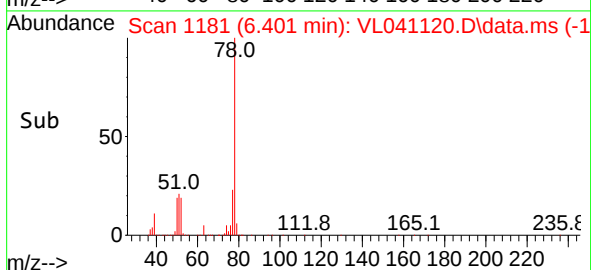
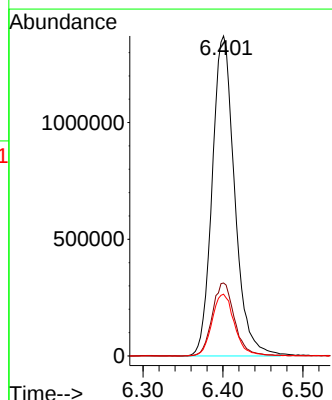
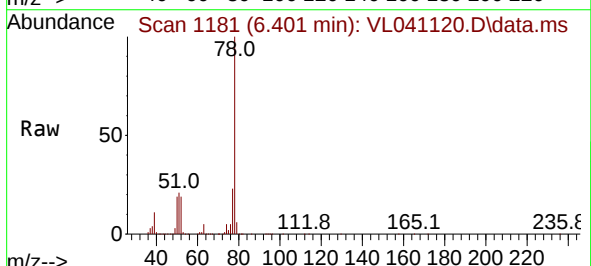
Tgt Ion: 78 Resp: 2671792

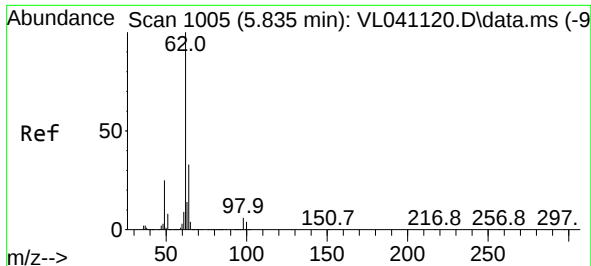
Ion Ratio Lower Upper

78 100

77 22.8 18.2 27.4

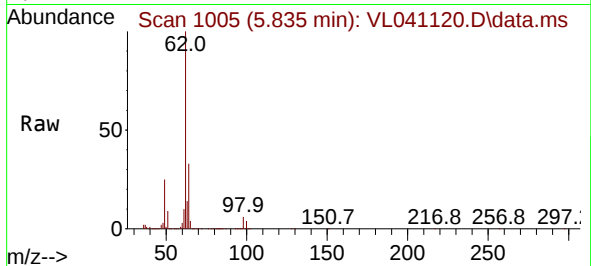
50 19.3 15.4 23.2





#37
1,2-Dichloroethane
Concen: 9.592 ppbv
RT: 5.835 min Scan# 1005
Delta R.T. 0.000 min
Lab File: VL041120.D
Acq: 4 Apr 2024 9:25

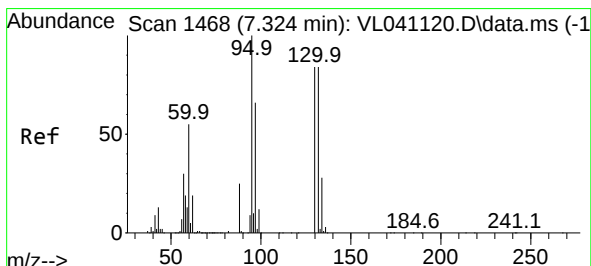
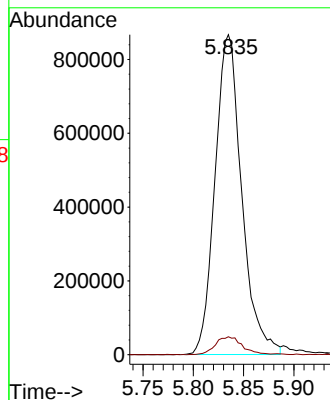
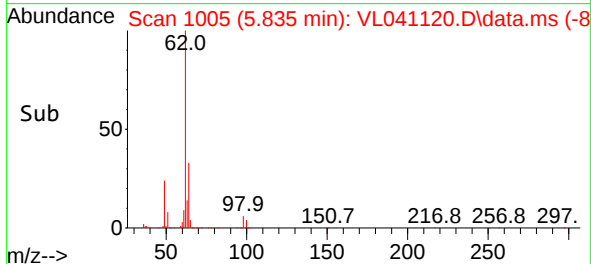
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



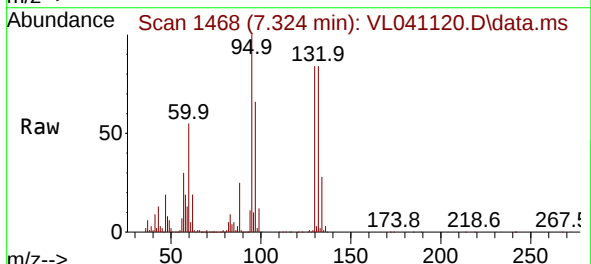
Tgt Ion: 62 Resp: 160153
Ion Ratio Lower Upper
62 100
98 5.8 4.6 7.0

Manual Integrations
APPROVED

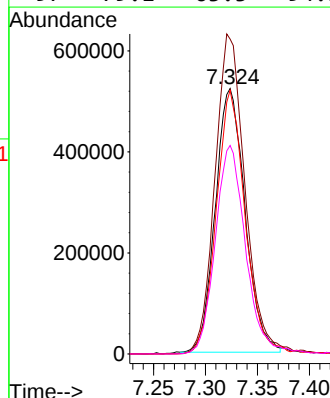
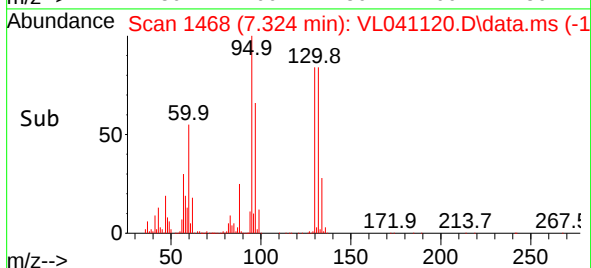
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024

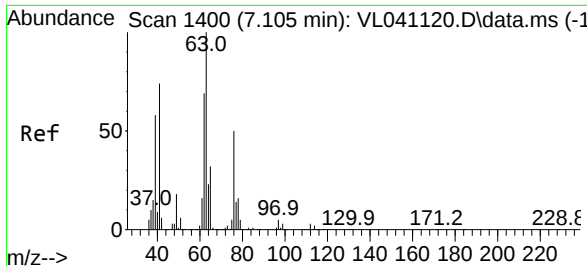


#38
Trichloroethene
Concen: 10.288 ppbv
RT: 7.324 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VL041120.D
Acq: 4 Apr 2024 9:25



Tgt Ion:130 Resp: 1037172
Ion Ratio Lower Upper
130 100
95 119.2 95.4 143.0
132 100.0 80.0 120.0
97 79.1 63.3 94.9





#39

1,2-Dichloropropane

Concen: 9.558 ppbv

RT: 7.105 min Scan# 1400

Delta R.T. 0.000 min

Lab File: VL041120.D

Acq: 4 Apr 2024 9:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 63 Resp: 105386

Ion Ratio Lower Upper

63 100

41 73.4 58.7 88.1

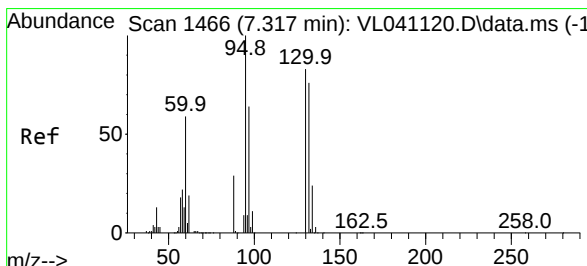
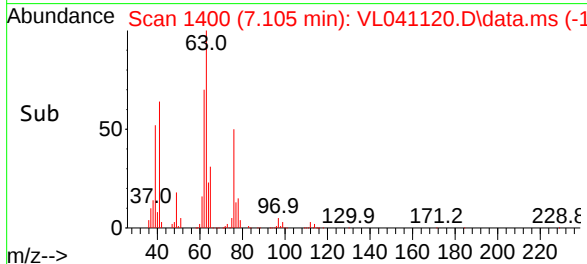
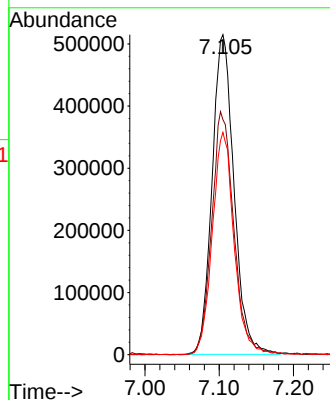
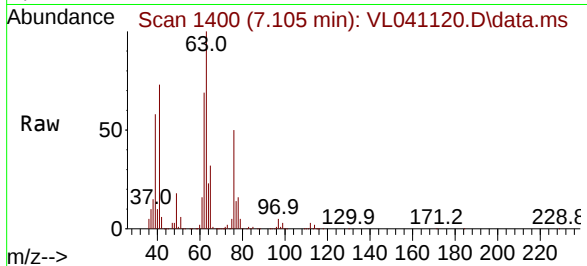
62 69.4 55.5 83.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/05/2024

Supervised By :Mahesh Dadoda 04/05/2024



#40

1,4-Dioxane

Concen: 9.686 ppbv

RT: 7.317 min Scan# 1466

Delta R.T. 0.000 min

Lab File: VL041120.D

Acq: 4 Apr 2024 9:25

Tgt Ion: 88 Resp: 366150

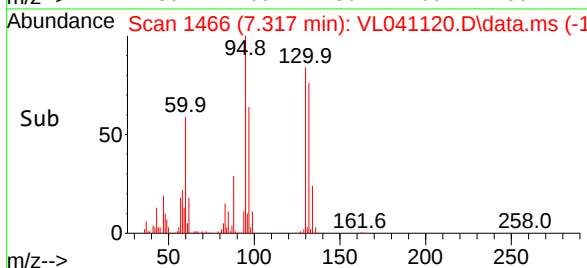
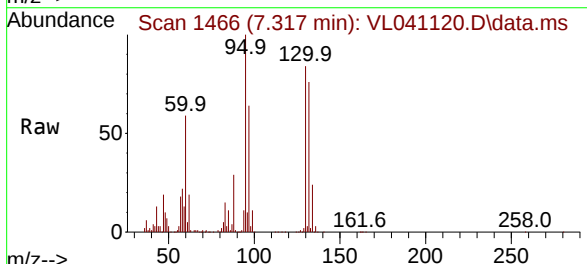
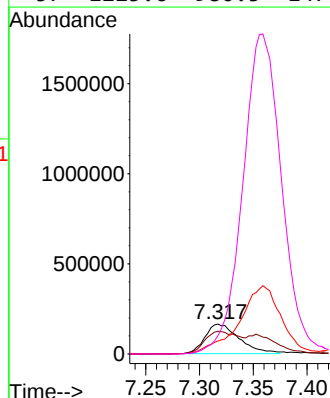
Ion Ratio Lower Upper

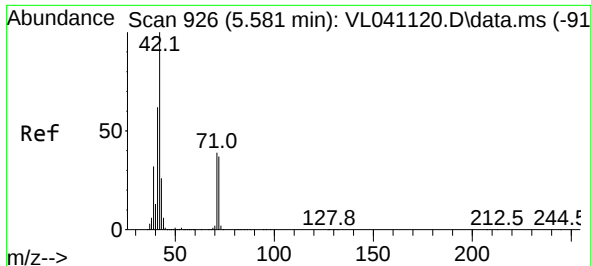
88 100

58 134.7 107.8 161.6

43 279.7 223.8 335.6

57 1225.6 980.5 1470.7





#41

Tetrahydrofuran

Concen: 10.262 ppbv

RT: 5.581 min Scan# 91

Delta R.T. 0.000 min

Lab File: VL041120.D

Acq: 4 Apr 2024 9:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 42 Resp: 107365

Ion Ratio Lower Upper

42 100

72 39.0 31.2 46.8

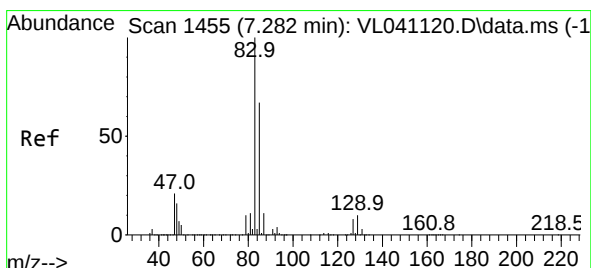
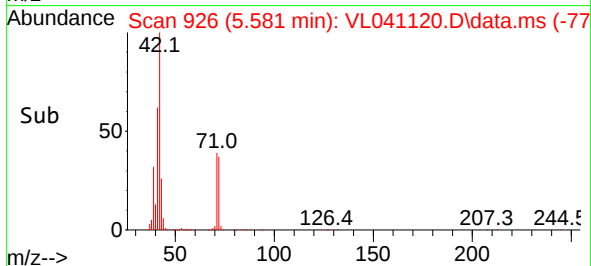
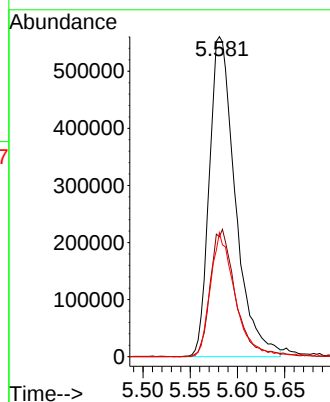
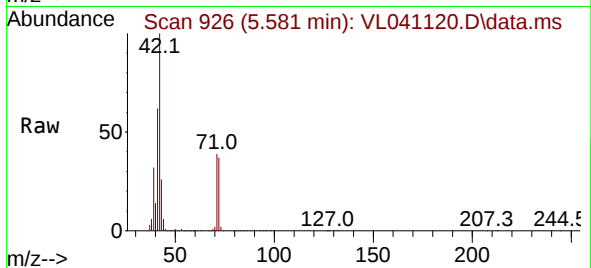
71 37.4 29.9 44.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/05/2024

Supervised By :Mahesh Dadoda 04/05/2024



#42

Bromodichloromethane

Concen: 9.943 ppbv

RT: 7.282 min Scan# 1455

Delta R.T. 0.000 min

Lab File: VL041120.D

Acq: 4 Apr 2024 9:25

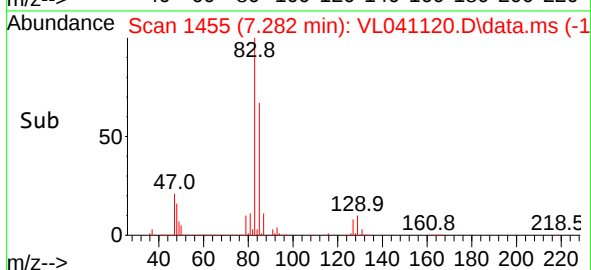
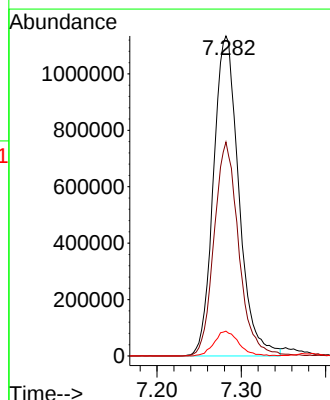
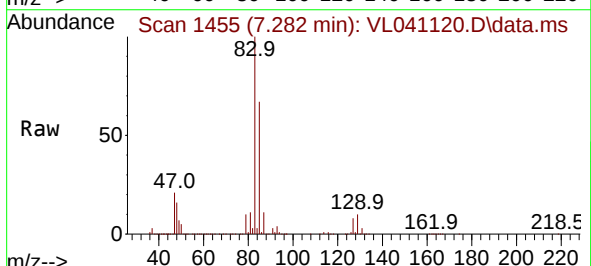
Tgt Ion: 83 Resp: 2371906

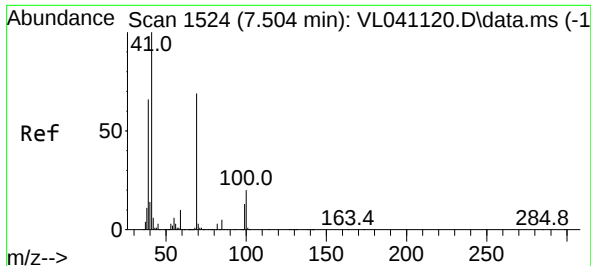
Ion Ratio Lower Upper

83 100

85 66.9 53.5 80.3

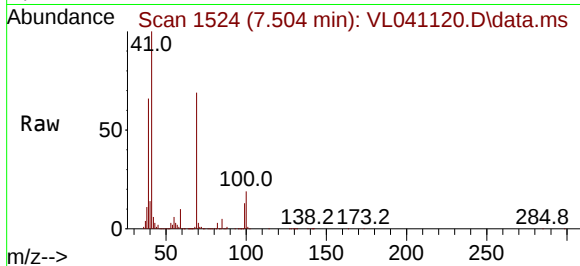
127 7.8 6.2 9.4





#43
Methyl Methacrylate
Concen: 11.619 ppbv
RT: 7.504 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VL041120.D
Acq: 4 Apr 2024 9:25

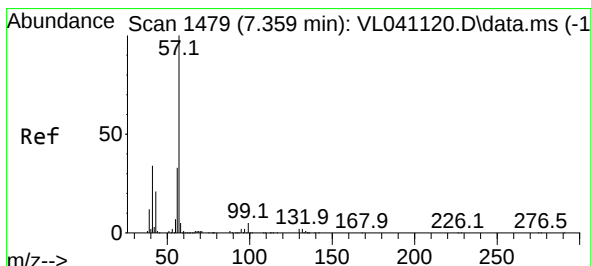
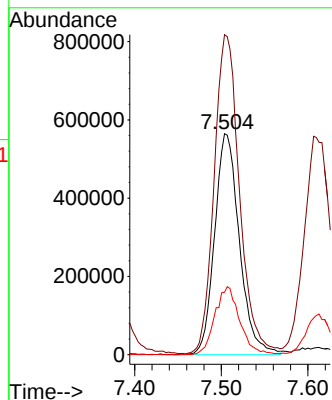
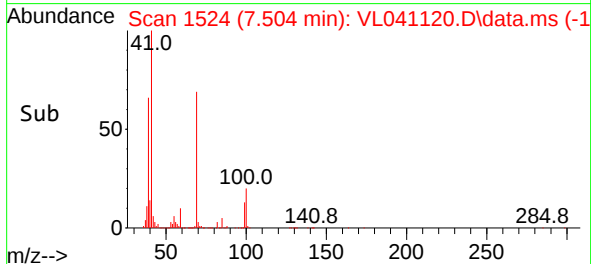
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 69 Resp: 1121188
Ion Ratio Lower Upper
69 100
41 149.0 119.2 178.8
100 30.8 24.6 37.0

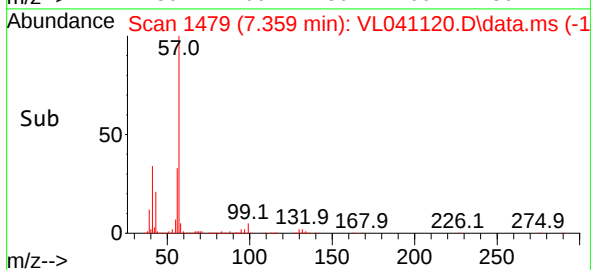
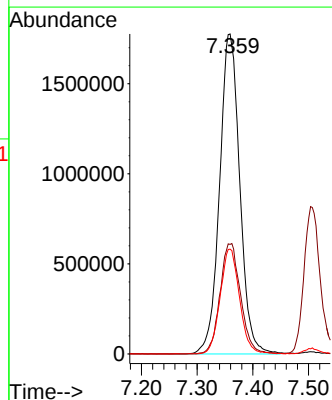
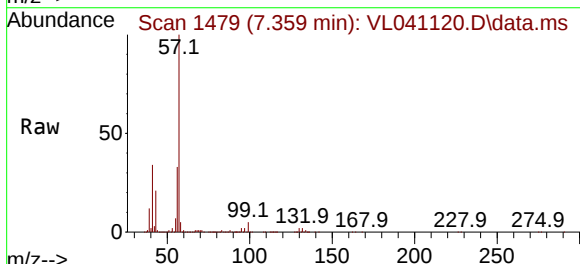
Manual Integrations
APPROVED

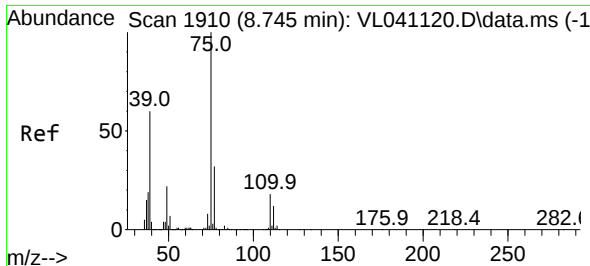
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#44
2,2,4-Trimethylpentane
Concen: 9.730 ppbv
RT: 7.359 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VL041120.D
Acq: 4 Apr 2024 9:25

Tgt Ion: 57 Resp: 4479579
Ion Ratio Lower Upper
57 100
41 35.2 28.2 42.2
56 31.5 25.2 37.8





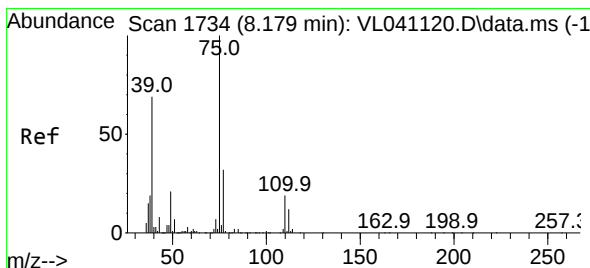
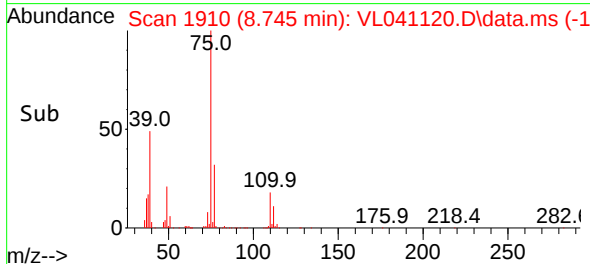
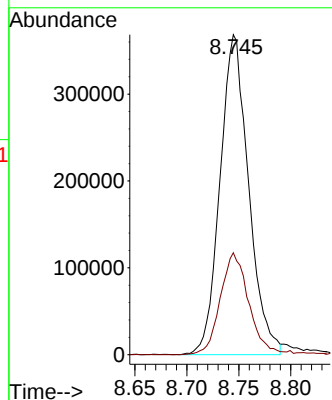
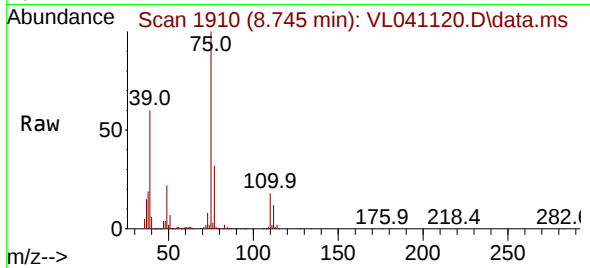
#45
t-1,3-Dichloropropene
Concen: 11.353 ppbv
RT: 8.745 min Scan# 1910
Delta R.T. 0.000 min
Lab File: VL041120.D
Acq: 4 Apr 2024 9:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 75 Resp: 70605
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.2

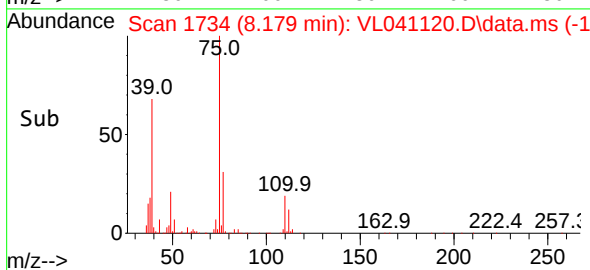
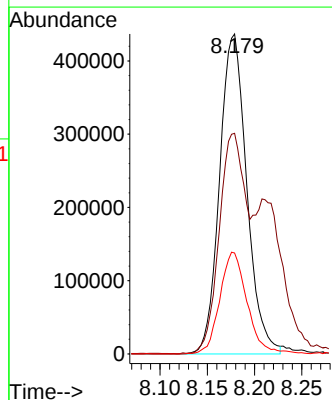
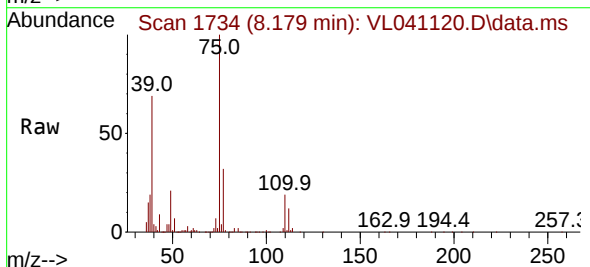
Manual Integrations
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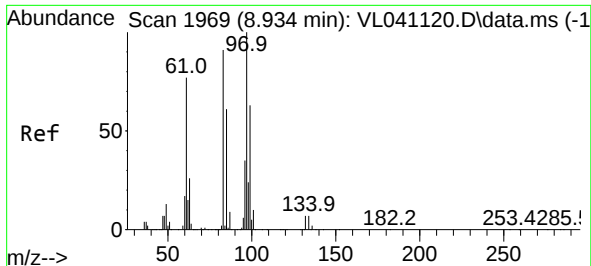
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#46
cis-1,3-Dichloropropene
Concen: 11.025 ppbv
RT: 8.179 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VL041120.D
Acq: 4 Apr 2024 9:25

Tgt Ion: 75 Resp: 872825
Ion Ratio Lower Upper
75 100
39 68.9 55.1 82.7
77 31.5 25.2 37.8





#47

1,1,2-Trichloroethane

Concen: 9.611 ppbv

RT: 8.934 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VL041120.D

Acq: 4 Apr 2024 9:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 97 Resp: 1139110

Ion Ratio Lower Upper

97 100

83 91.1 72.9 109.3

85 61.4 49.1 73.7

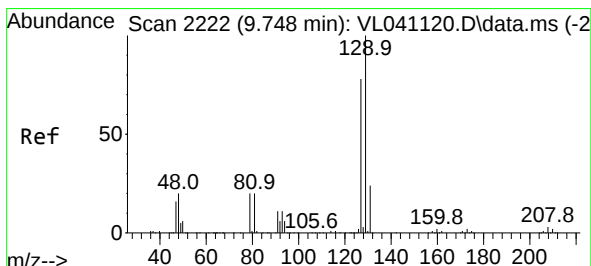
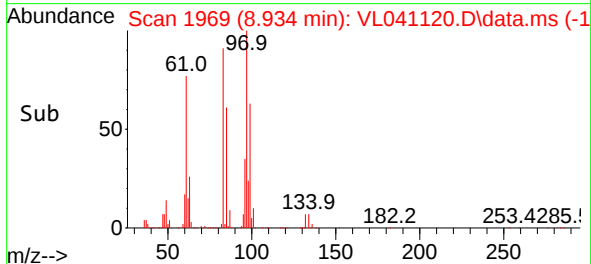
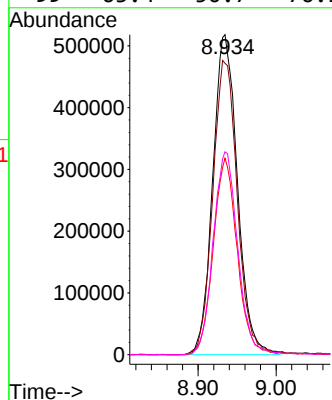
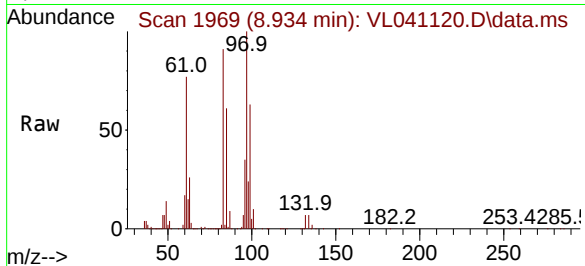
99 63.4 50.7 76.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/05/2024

Supervised By :Mahesh Dadoda 04/05/2024



#48

Dibromochloromethane

Concen: 10.516 ppbv

RT: 9.748 min Scan# 2222

Delta R.T. 0.000 min

Lab File: VL041120.D

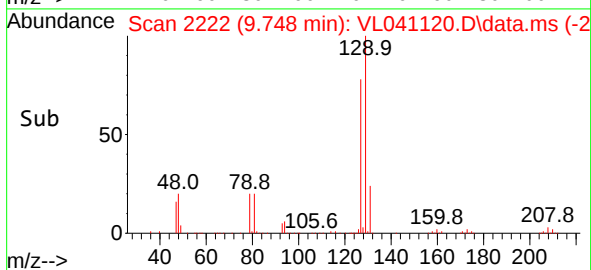
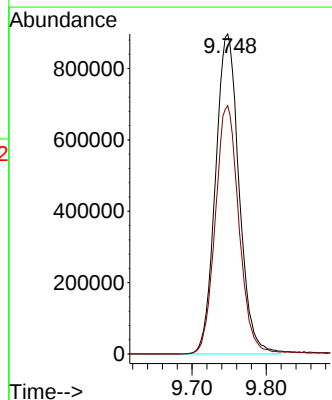
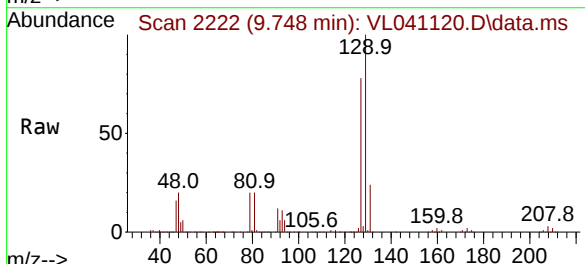
Acq: 4 Apr 2024 9:25

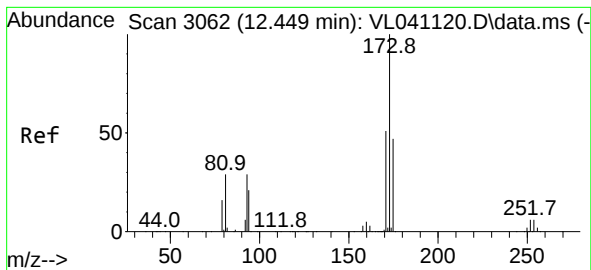
Tgt Ion:129 Resp: 1978281

Ion Ratio Lower Upper

129 100

127 78.6 39.3 117.9





#49

Bromoform

Concen: 10.637 ppbv

RT: 12.449 min Scan# 3062

Delta R.T. 0.000 min

Lab File: VL041120.D

Acq: 4 Apr 2024 9:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:173 Resp: 158622

Ion Ratio Lower Upper

173 100

175 49.2 39.4 59.0

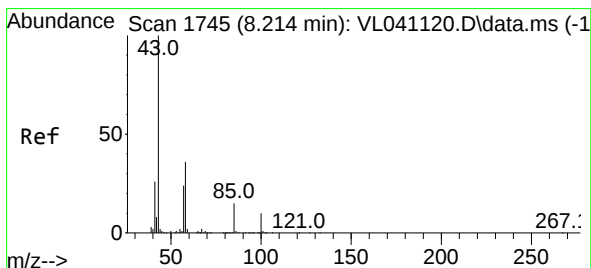
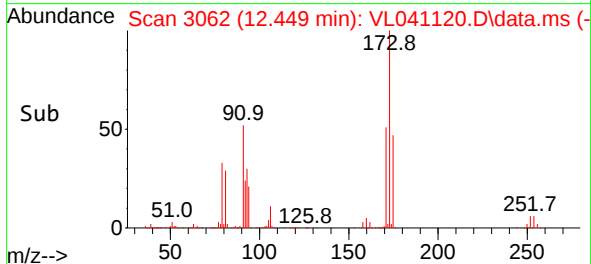
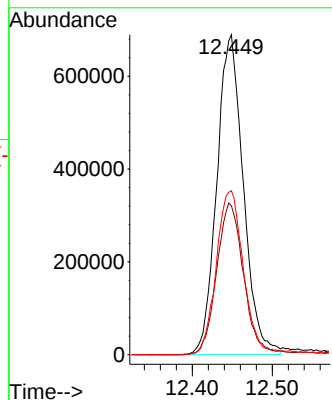
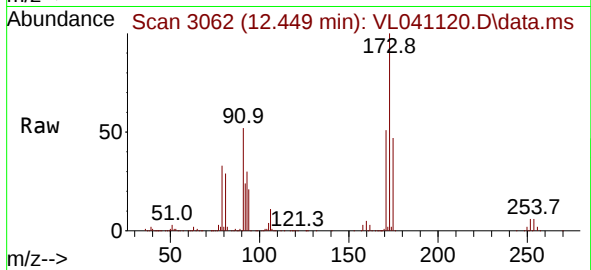
171 53.6 42.9 64.3

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/05/2024

Supervised By :Mahesh Dadoda 04/05/2024



#50

4-Methyl-2-Pentanone

Concen: 10.247 ppbv

RT: 8.214 min Scan# 1745

Delta R.T. 0.000 min

Lab File: VL041120.D

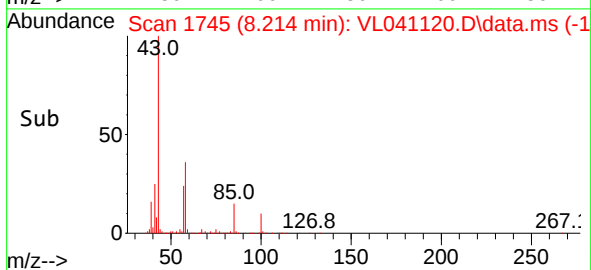
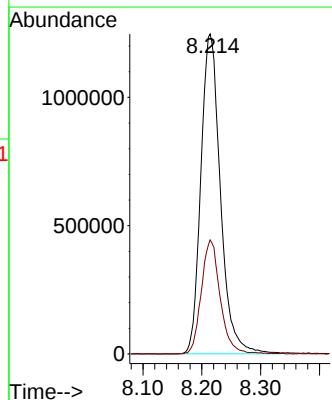
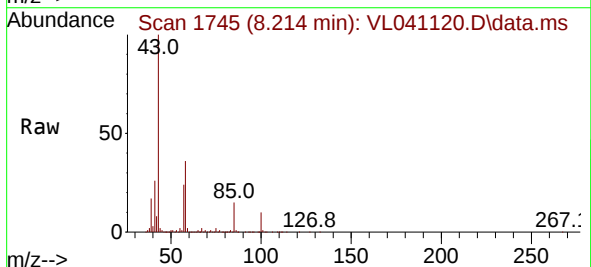
Acq: 4 Apr 2024 9:25

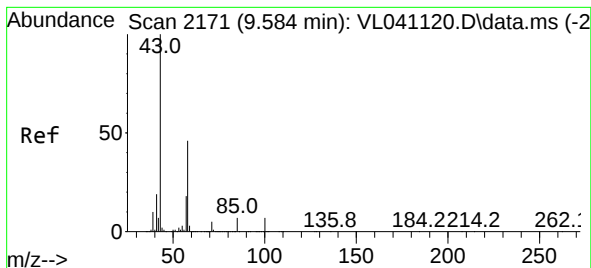
Tgt Ion: 43 Resp: 2875816

Ion Ratio Lower Upper

43 100

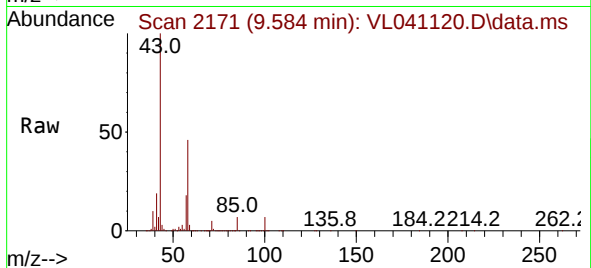
58 34.6 27.7 41.5





#51
2-Hexanone
Concen: 10.734 ppbv
RT: 9.584 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VL041120.D
Acq: 4 Apr 2024 9:25

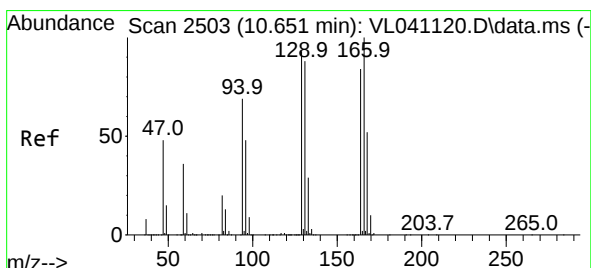
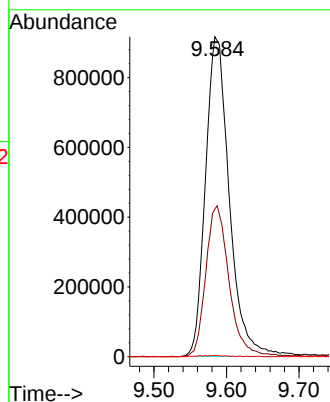
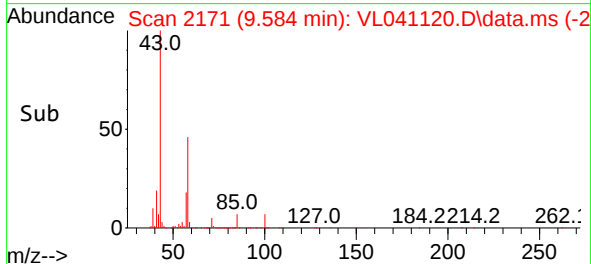
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 43 Resp: 208860
Ion Ratio Lower Upper
43 100
58 46.6 37.3 55.9
98 0.4 0.3 0.5

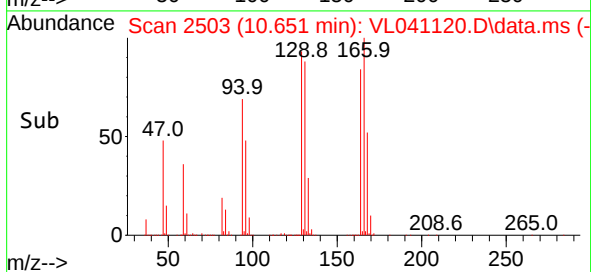
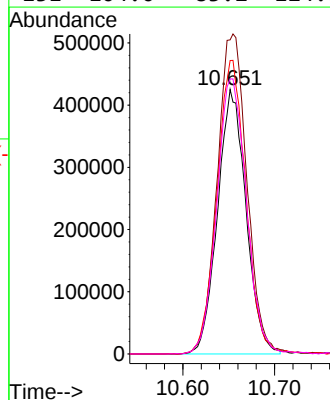
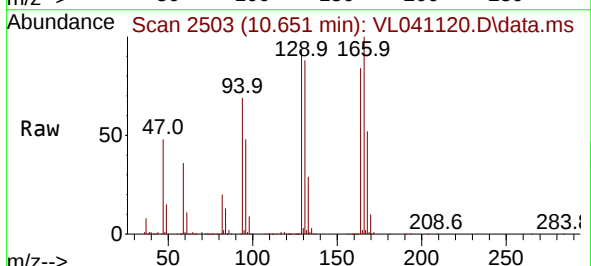
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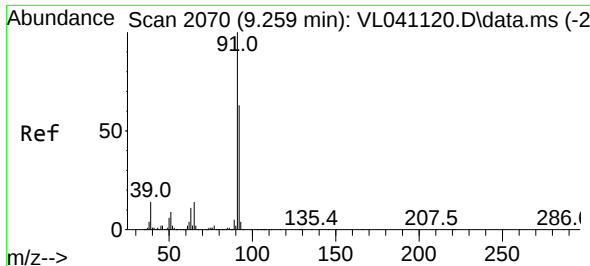
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#52
Tetrachloroethene
Concen: 10.270 ppbv
RT: 10.651 min Scan# 2503
Delta R.T. 0.000 min
Lab File: VL041120.D
Acq: 4 Apr 2024 9:25

Tgt Ion:164 Resp: 914607
Ion Ratio Lower Upper
164 100
166 118.8 95.0 142.6
129 110.9 88.7 133.1
131 104.0 83.2 124.8





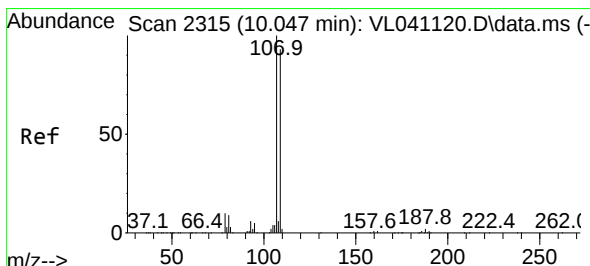
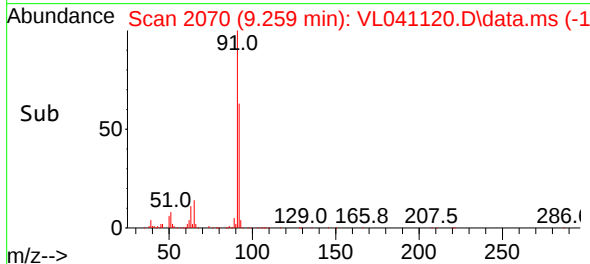
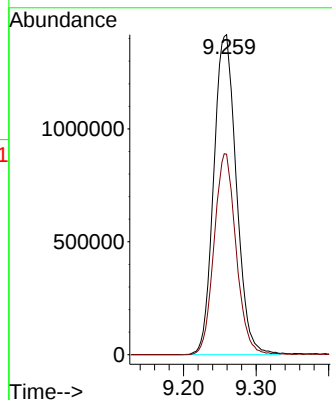
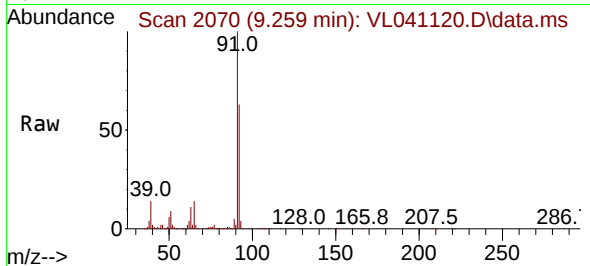
#53
Toluene
Concen: 10.450 ppbv
RT: 9.259 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VL041120.D
Acq: 4 Apr 2024 9:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 3070494
Ion Ratio Lower Upper
91 100
92 61.2 49.0 73.4

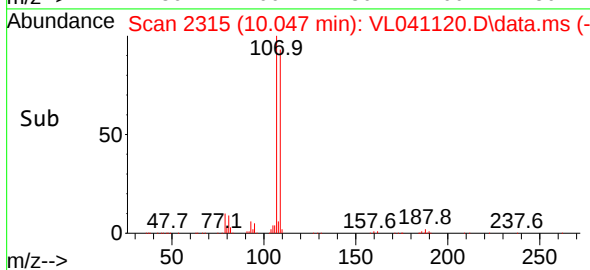
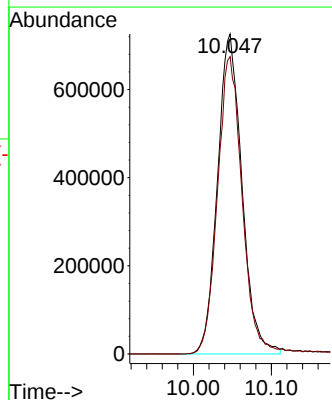
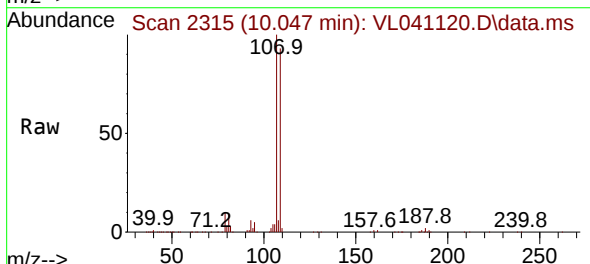
Manual Integrations
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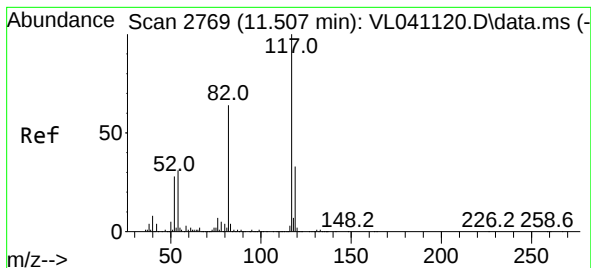
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#54
1,2-Dibromoethane
Concen: 10.712 ppbv
RT: 10.047 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VL041120.D
Acq: 4 Apr 2024 9:25

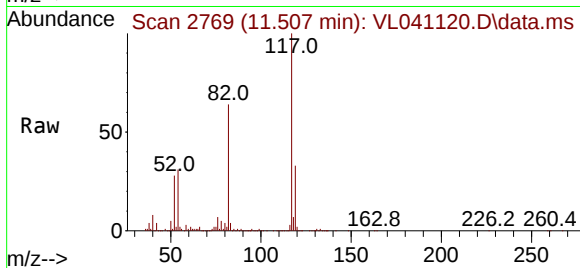
Tgt Ion:107 Resp: 1582198
Ion Ratio Lower Upper
107 100
109 92.9 74.3 111.5





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.507 min Scan# 2769
Delta R.T. 0.000 min
Lab File: VL041120.D
Acq: 4 Apr 2024 9:25

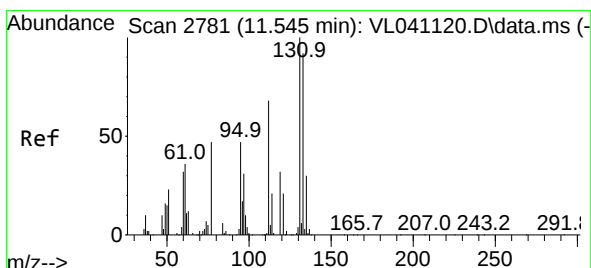
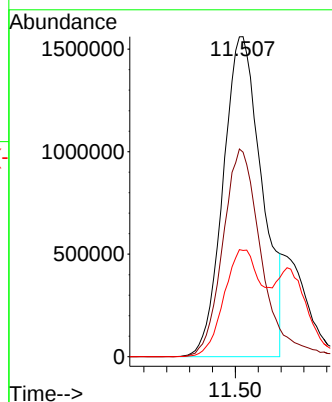
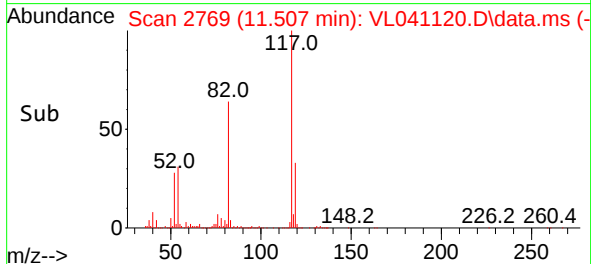
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



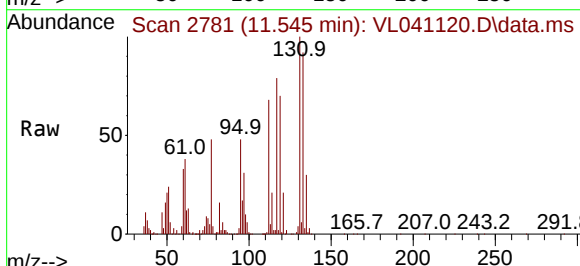
Tgt Ion:117 Resp: 368741
Ion Ratio Lower Upper
117 100
82 65.5 51.0 76.6
119 32.4 25.2 37.8

Manual Integrations
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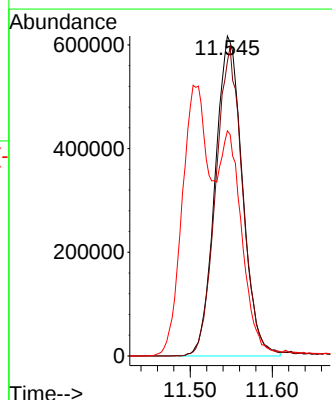
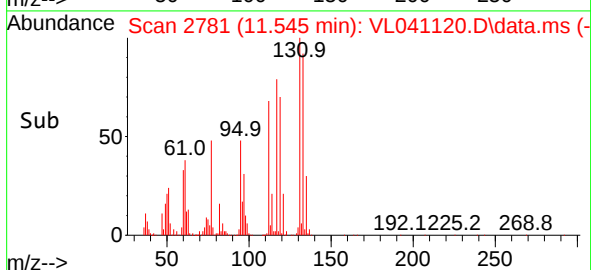
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024

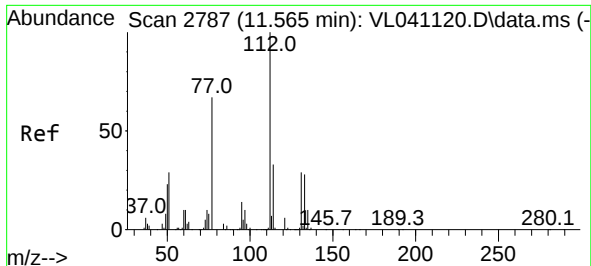


#56
1,1,1,2-Tetrachloroethane
Concen: 9.474 ppbv
RT: 11.545 min Scan# 2781
Delta R.T. 0.000 min
Lab File: VL041120.D
Acq: 4 Apr 2024 9:25



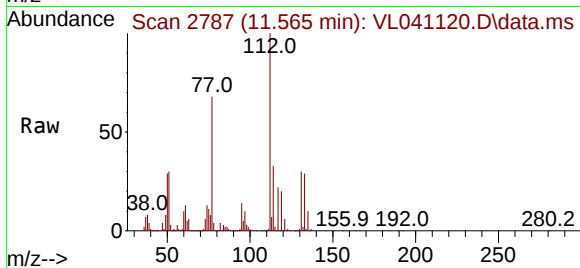
Tgt Ion:131 Resp: 1428791
Ion Ratio Lower Upper
131 100
133 95.8 76.6 115.0
119 62.4 49.9 74.9





#57
Chlorobenzene
Concen: 9.430 ppbv
RT: 11.565 min Scan# 2787
Delta R.T. 0.000 min
Lab File: VL041120.D
Acq: 4 Apr 2024 9:25

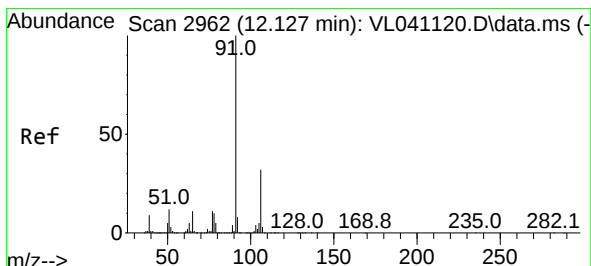
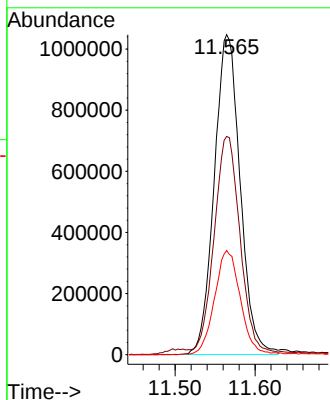
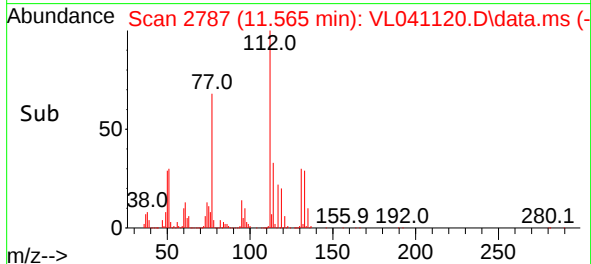
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 112 Resp: 235354
Ion Ratio Lower Upper
112 100
77 67.5 54.0 81.0
114 32.6 29.3 35.9

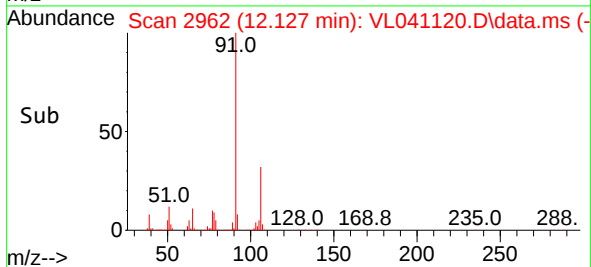
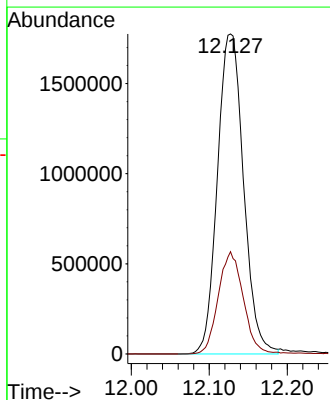
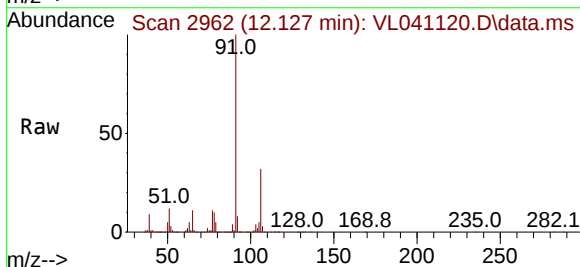
Manual Integrations
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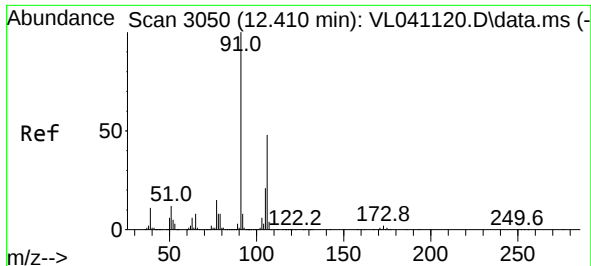
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#58
Ethyl Benzene
Concen: 10.289 ppbv
RT: 12.127 min Scan# 2962
Delta R.T. 0.000 min
Lab File: VL041120.D
Acq: 4 Apr 2024 9:25

Tgt Ion: 91 Resp: 4131813
Ion Ratio Lower Upper
91 100
106 32.0 25.6 38.4





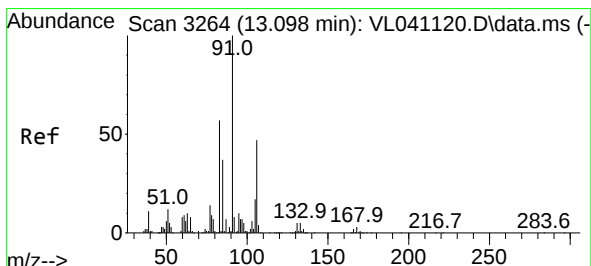
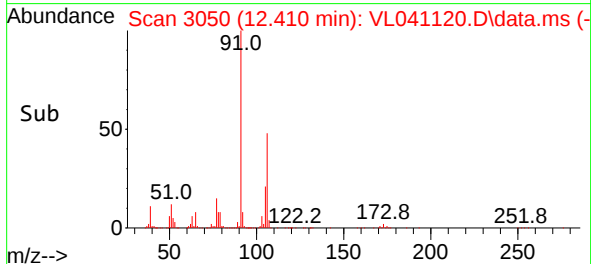
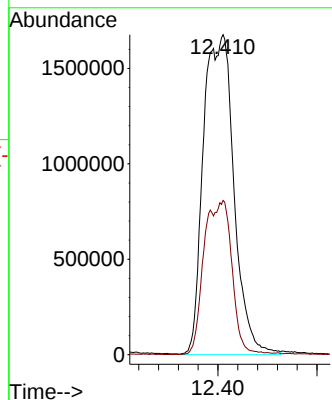
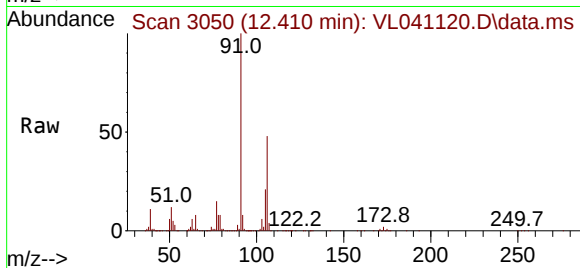
#59
m/p-Xylene
Concen: 19.771 ppbv m
RT: 12.410 min Scan# 3050
Delta R.T. 0.000 min
Lab File: VL041120.D
Acq: 4 Apr 2024 9:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 717663
Ion Ratio Lower Upper
91 100
106 44.3 35.4 53.2

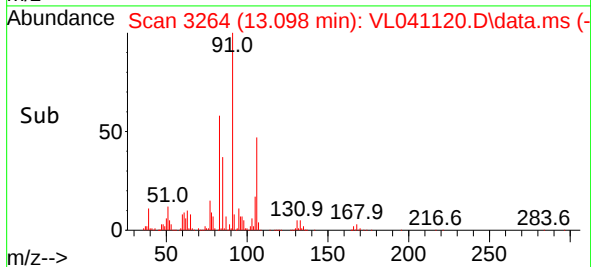
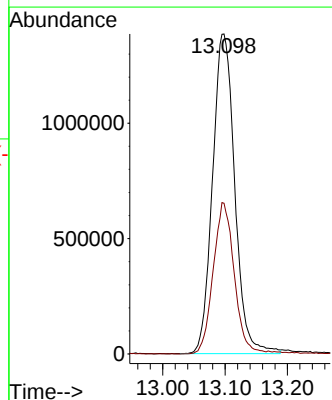
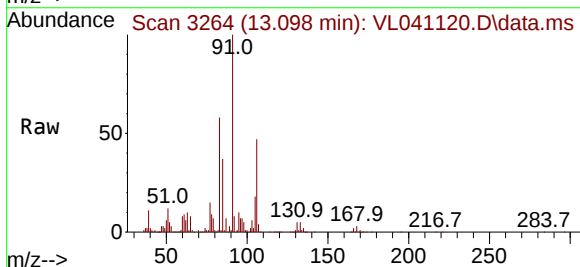
Manual Integrations
APPROVED

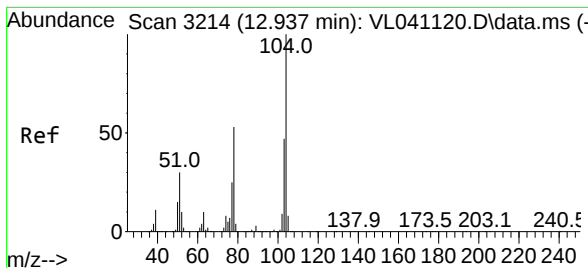
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#60
o-Xylene
Concen: 9.938 ppbv
RT: 13.098 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VL041120.D
Acq: 4 Apr 2024 9:25

Tgt Ion: 91 Resp: 3430651
Ion Ratio Lower Upper
91 100
106 45.7 22.9 68.5





#61

Styrene

Concen: 11.214 ppbv

RT: 12.937 min Scan# 3214

Delta R.T. 0.000 min

Lab File: VL041120.D

Acq: 4 Apr 2024 9:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:104 Resp: 171343

Ion Ratio Lower Upper

104 100

78 54.1 43.3 64.9

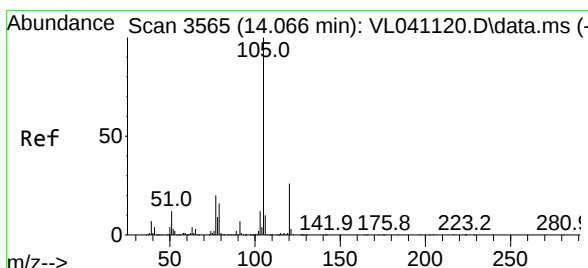
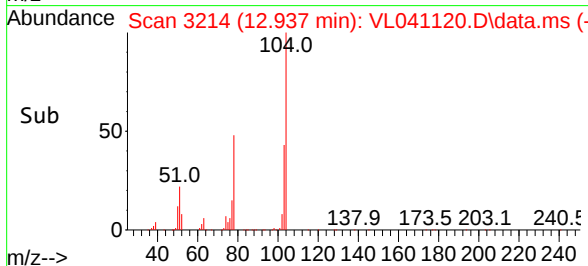
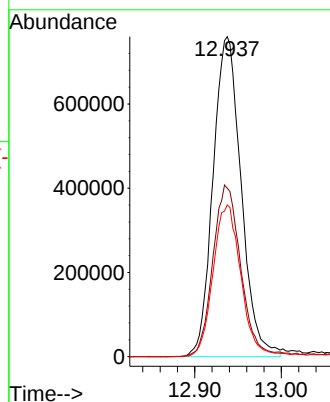
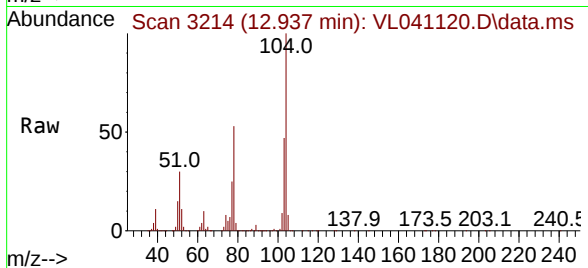
103 47.7 38.2 57.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/05/2024

Supervised By :Mahesh Dadoda 04/05/2024



#62

Isopropylbenzene

Concen: 9.644 ppbv

RT: 14.066 min Scan# 3565

Delta R.T. 0.000 min

Lab File: VL041120.D

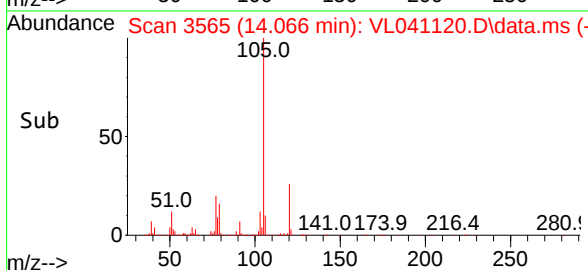
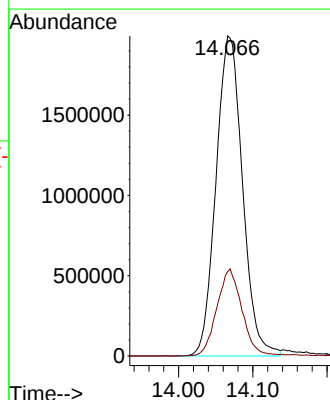
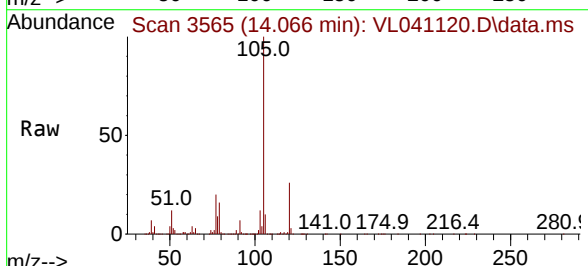
Acq: 4 Apr 2024 9:25

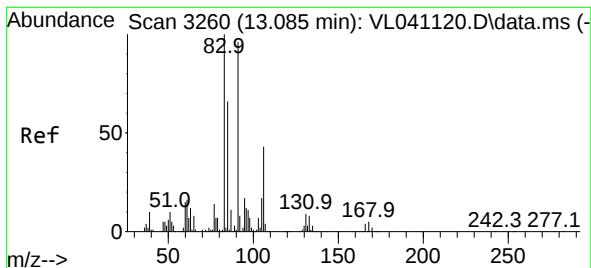
Tgt Ion:105 Resp: 4942195

Ion Ratio Lower Upper

105 100

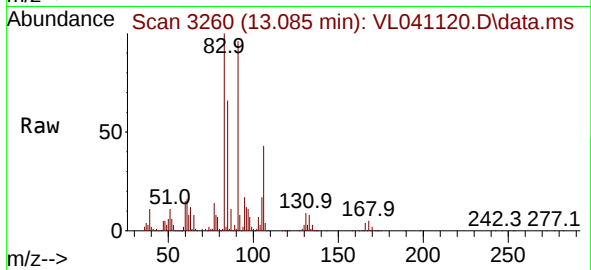
120 26.2 21.0 31.4





#63
1,1,2,2-Tetrachloroethane
Concen: 9.464 ppbv
RT: 13.085 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041120.D
Acq: 4 Apr 2024 9:25

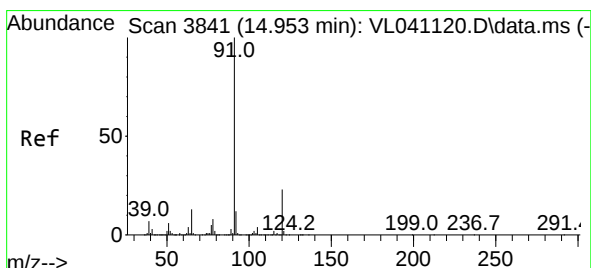
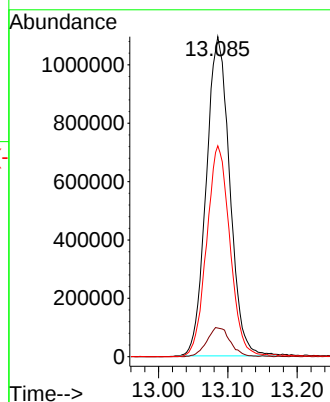
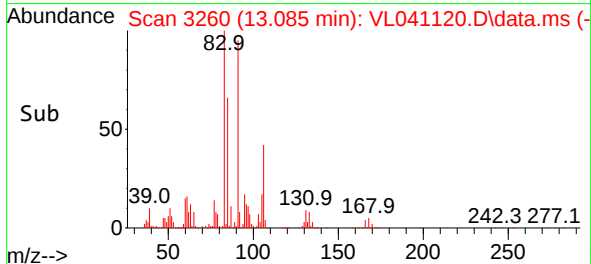
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



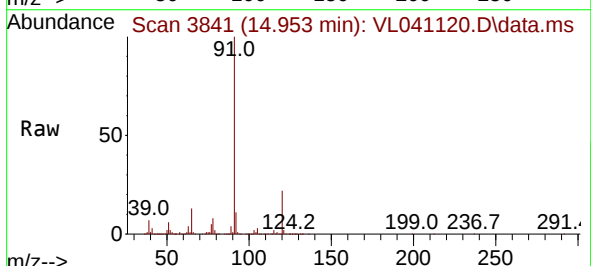
Tgt Ion: 83 Resp: 257838
Ion Ratio Lower Upper
83 100
131 9.3 4.7 14.0
85 66.1 33.1 99.2

Manual Integrations
APPROVED

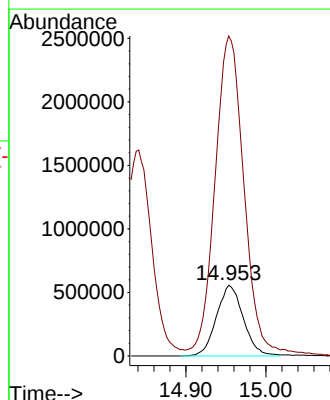
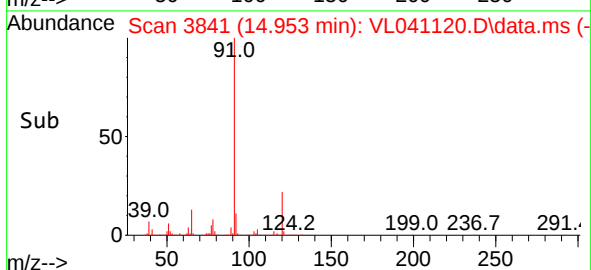
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024

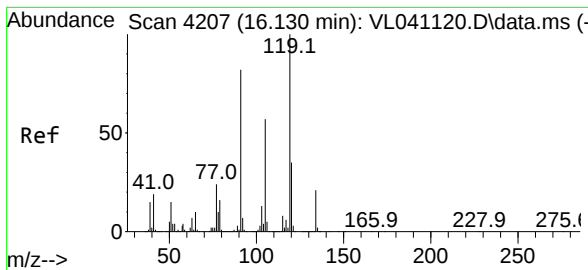


#64
n-propylbenzene
Concen: 10.100 ppbv
RT: 14.953 min Scan# 3841
Delta R.T. 0.000 min
Lab File: VL041120.D
Acq: 4 Apr 2024 9:25



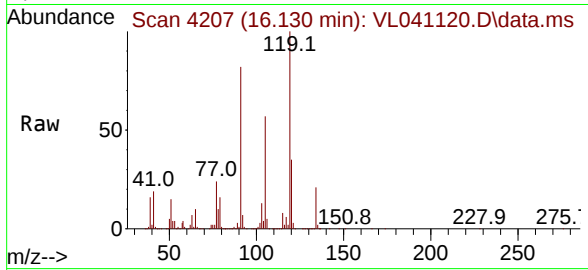
Tgt Ion:120 Resp: 1295769
Ion Ratio Lower Upper
120 100
91 493.8 395.0 592.6





#65
tert-Butylbenzene
Concen: 9.888 ppbv
RT: 16.130 min Scan# 4207
Delta R.T. 0.000 min
Lab File: VL041120.D
Acq: 4 Apr 2024 9:25

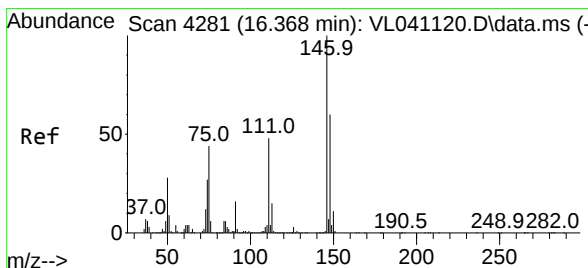
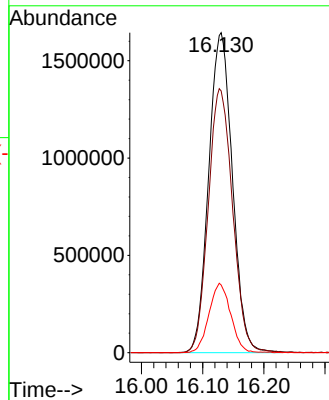
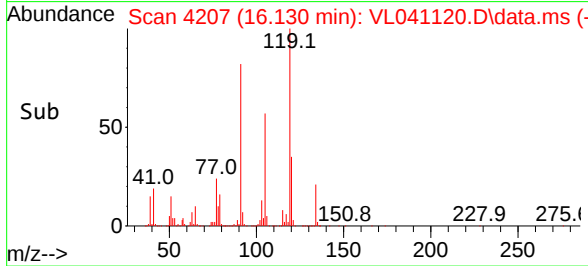
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 119 Resp: 4426369
Ion Ratio Lower Upper
119 100
91 84.8 67.8 101.8
134 20.0 16.0 24.0

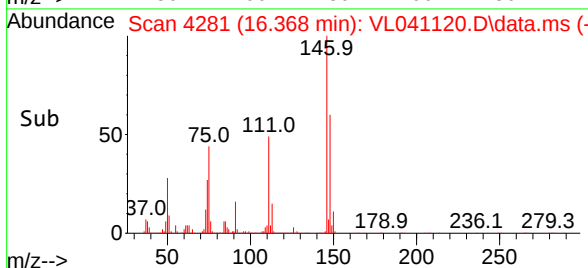
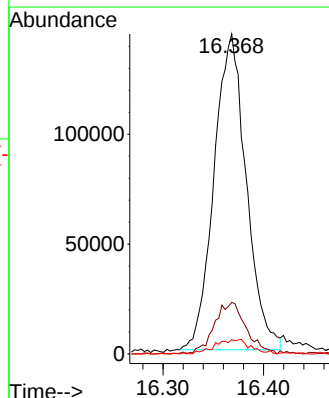
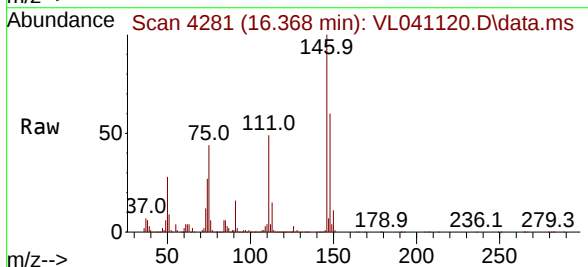
Manual Integrations
APPROVED

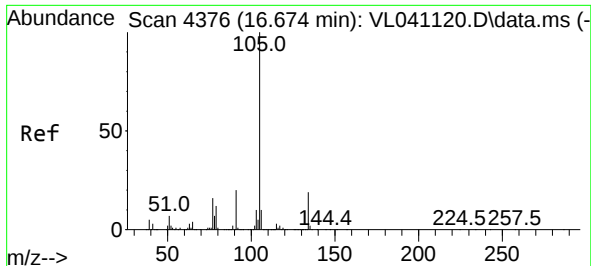
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#66
Benzyl Chloride
Concen: 10.853 ppbv
RT: 16.368 min Scan# 4281
Delta R.T. 0.000 min
Lab File: VL041120.D
Acq: 4 Apr 2024 9:25

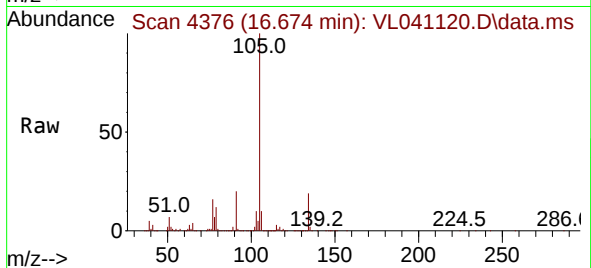
Tgt Ion: 91 Resp: 320179
Ion Ratio Lower Upper
91 100
126 16.8 13.4 20.2
128 5.4 4.3 6.5





#67
 sec-Butylbenzene
 Concen: 9.693 ppbv
 RT: 16.674 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL041120.D
 Acq: 4 Apr 2024 9:25

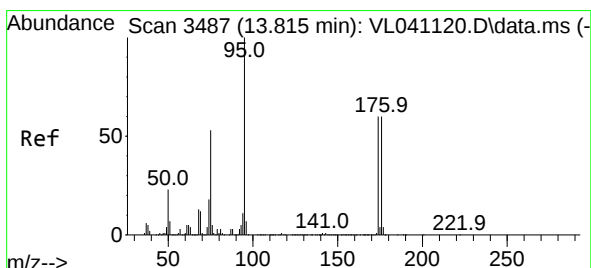
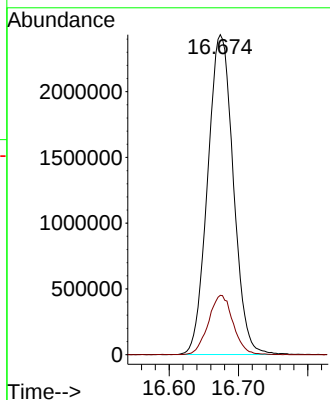
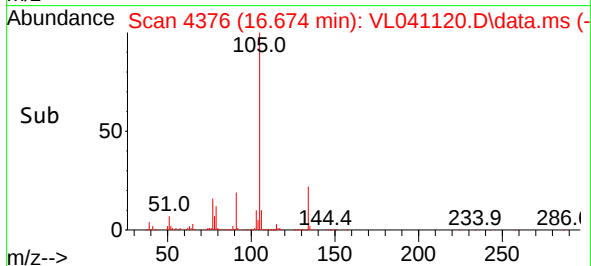
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



Tgt Ion:105 Resp: 6256972
 Ion Ratio Lower Upper
 105 100
 134 17.9 14.3 21.5

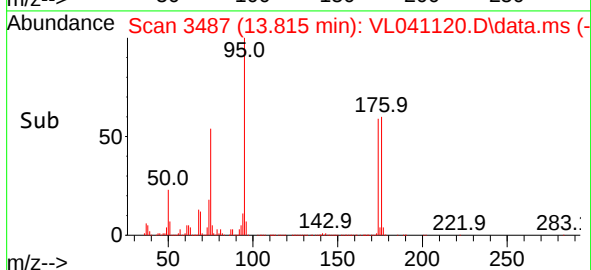
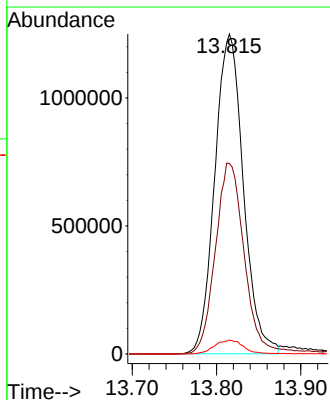
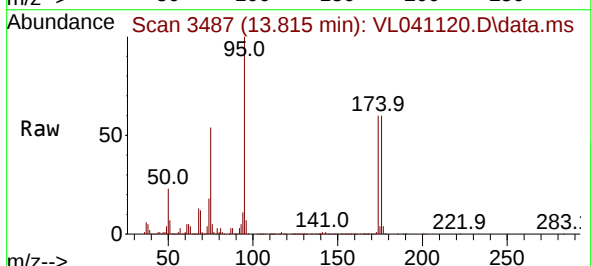
Manual Integrations
 APPROVED

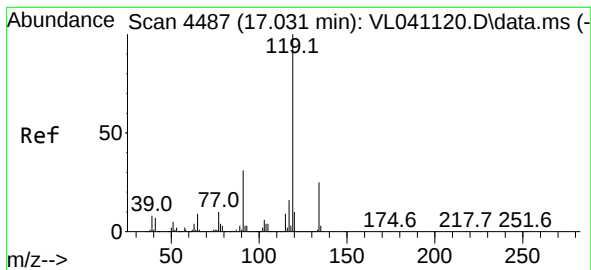
Reviewed By :Semsettin Yesilyurt 04/05/2024
 Supervised By :Mahesh Dadoda 04/05/2024



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.967 ppbv
 RT: 13.815 min Scan# 3487
 Delta R.T. 0.000 min
 Lab File: VL041120.D
 Acq: 4 Apr 2024 9:25

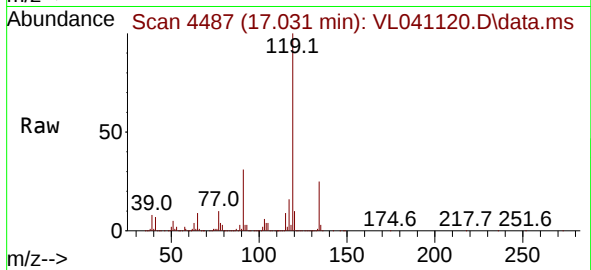
Tgt Ion: 95 Resp: 2944765
 Ion Ratio Lower Upper
 95 100
 174 61.6 49.3 73.9
 175 4.5 3.6 5.4





#69
p-Isopropyltoluene
Concen: 10.119 ppbv
RT: 17.031 min Scan# 4487
Delta R.T. 0.000 min
Lab File: VL041120.D
Acq: 4 Apr 2024 9:25

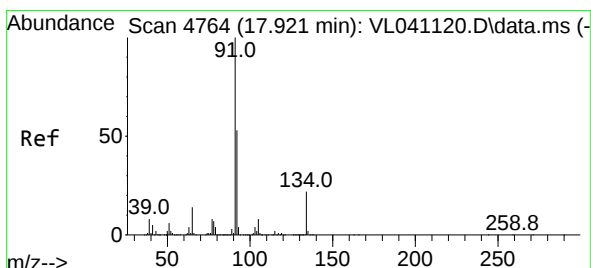
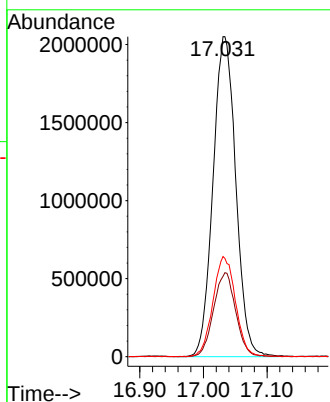
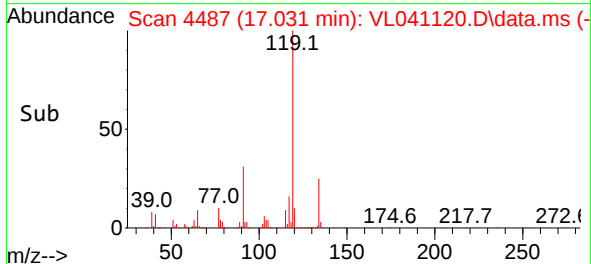
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



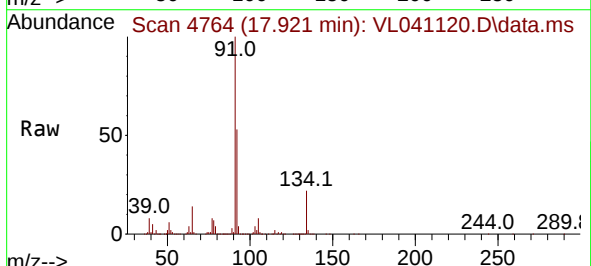
Tgt Ion:119 Resp: 5092334
Ion Ratio Lower Upper
119 100
134 25.6 20.5 30.7
91 31.0 24.8 37.2

Manual Integrations
APPROVED

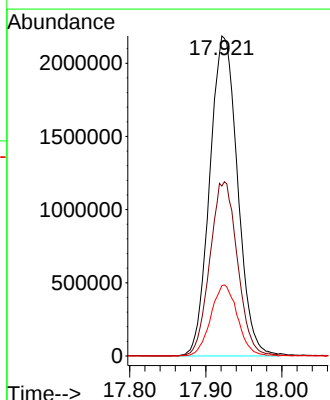
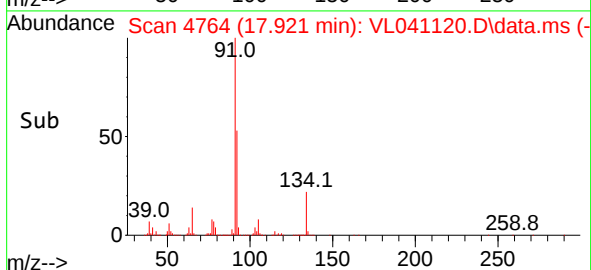
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024

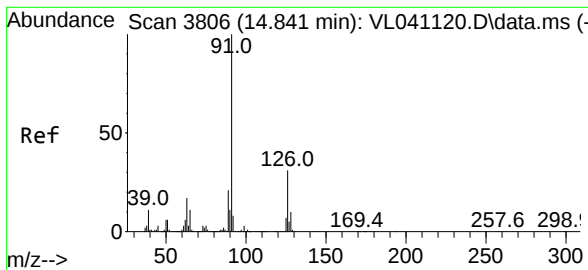


#70
n-Butylbenzene
Concen: 10.136 ppbv
RT: 17.921 min Scan# 4764
Delta R.T. 0.000 min
Lab File: VL041120.D
Acq: 4 Apr 2024 9:25



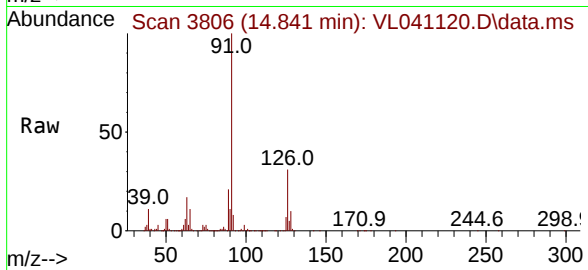
Tgt Ion: 91 Resp: 5555768
Ion Ratio Lower Upper
91 100
92 54.2 43.4 65.0
134 21.4 17.1 25.7





#71
2-Chlorotoluene
Concen: 9.871 ppbv
RT: 14.841 min Scan# 3806
Delta R.T. 0.000 min
Lab File: VL041120.D
Acq: 4 Apr 2024 9:25

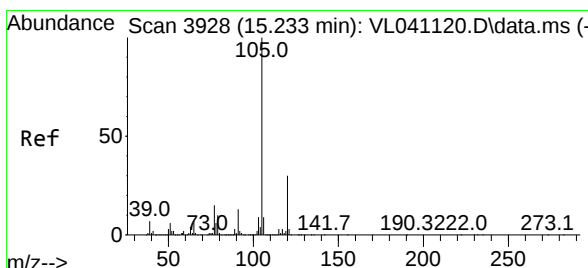
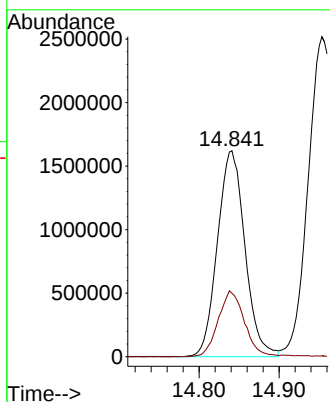
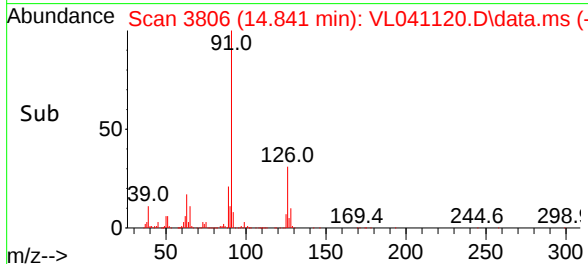
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



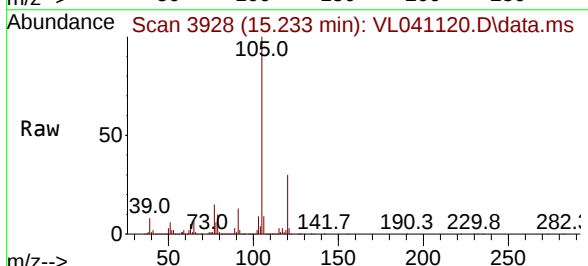
Tgt Ion: 91 Resp: 387422
Ion Ratio Lower Upper
91 100
126 31.3 12.5 50.1

Manual Integrations
APPROVED

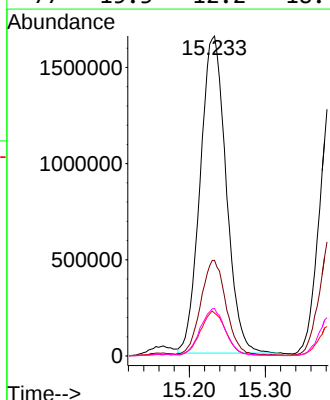
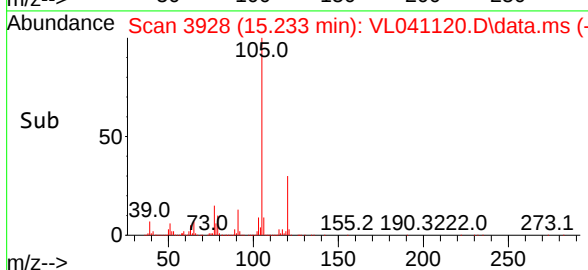
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024

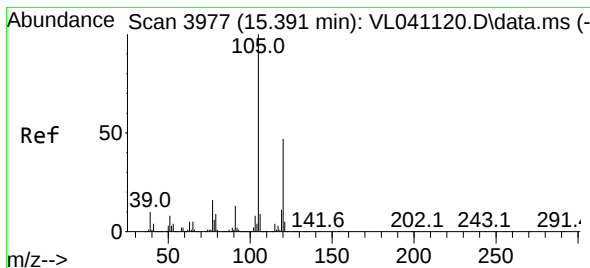


#72
4-Ethyltoluene
Concen: 10.248 ppbv
RT: 15.233 min Scan# 3928
Delta R.T. 0.000 min
Lab File: VL041120.D
Acq: 4 Apr 2024 9:25



Tgt Ion:105 Resp: 3903021
Ion Ratio Lower Upper
105 100
120 30.2 24.2 36.2
91 14.0 11.2 16.8
77 15.3 12.2 18.4





#73

1,3,5-Trimethylbenzene

Concen: 10.064 ppbv

RT: 15.391 min Scan# 3977

Delta R.T. 0.000 min

Lab File: VL041120.D

Acq: 4 Apr 2024 9:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:105 Resp: 340977

Ion Ratio Lower Upper

105 100

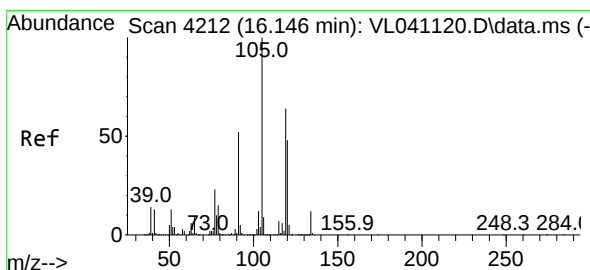
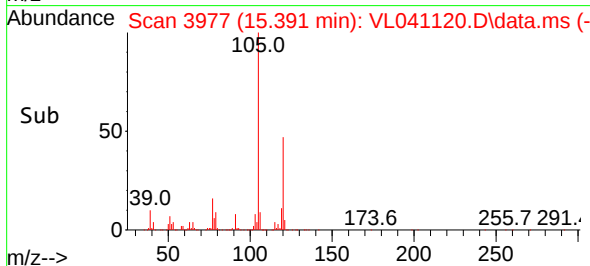
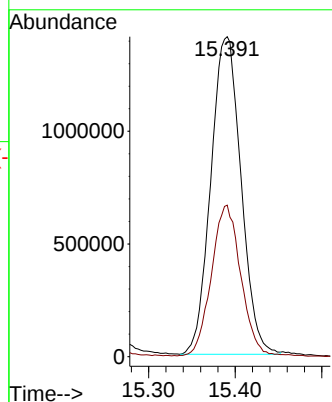
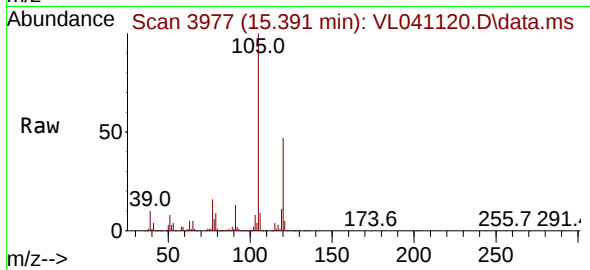
120 47.3 37.8 56.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/05/2024

Supervised By :Mahesh Dadoda 04/05/2024



#74

1,2,4-Trimethylbenzene

Concen: 9.867 ppbv

RT: 16.146 min Scan# 4212

Delta R.T. 0.000 min

Lab File: VL041120.D

Acq: 4 Apr 2024 9:25

Tgt Ion:105 Resp: 3852236

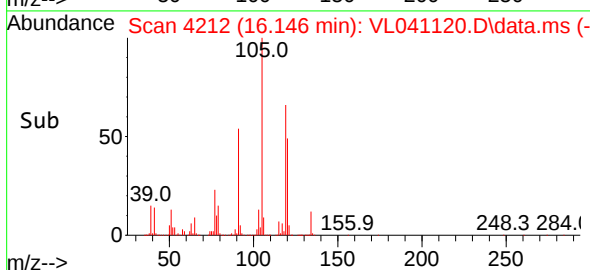
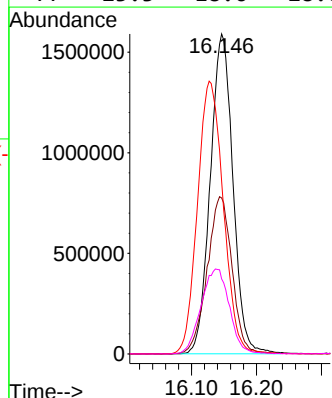
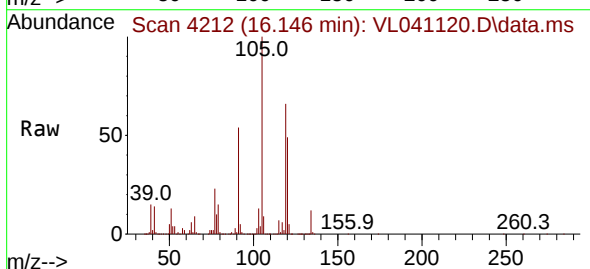
Ion Ratio Lower Upper

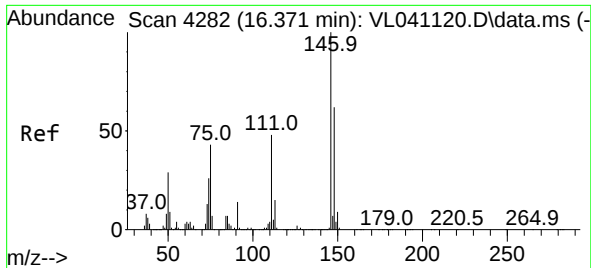
105 100

120 48.6 38.9 58.3

91 53.8 43.0 64.6

77 23.3 18.6 28.0





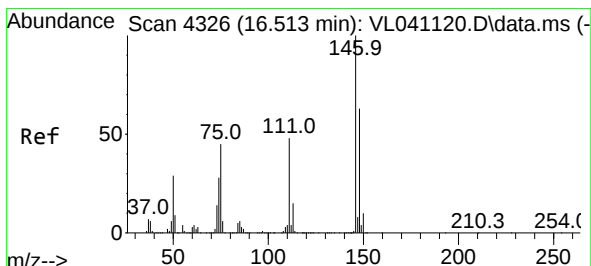
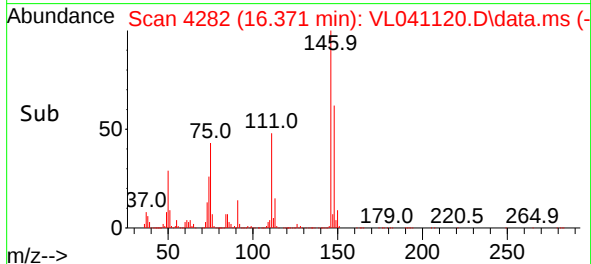
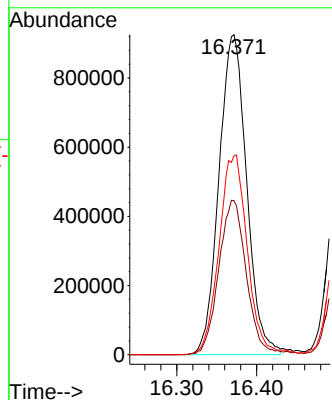
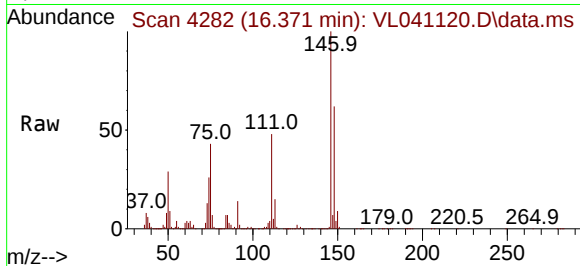
#75
1,3-Dichlorobenzene
Concen: 9.806 ppbv
RT: 16.371 min Scan# 4282
Delta R.T. 0.000 min
Lab File: VL041120.D
Acq: 4 Apr 2024 9:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:146 Resp: 2221164
Ion Ratio Lower Upper
146 100
111 48.3 24.1 72.4
148 64.1 32.0 96.2

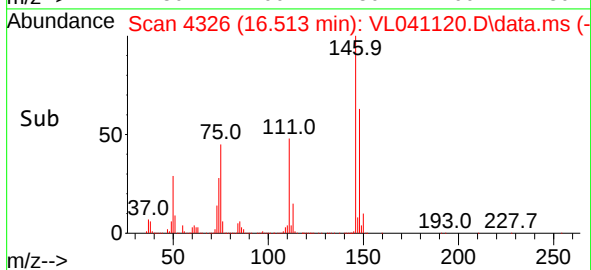
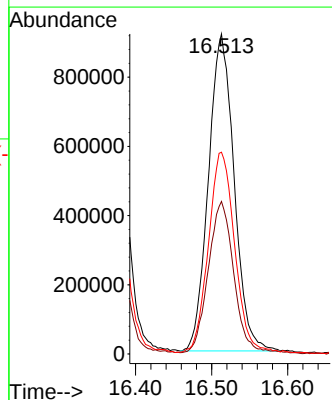
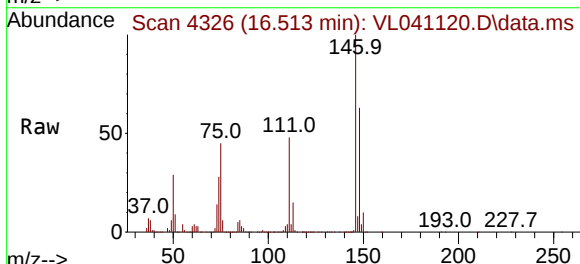
Manual Integrations
APPROVED

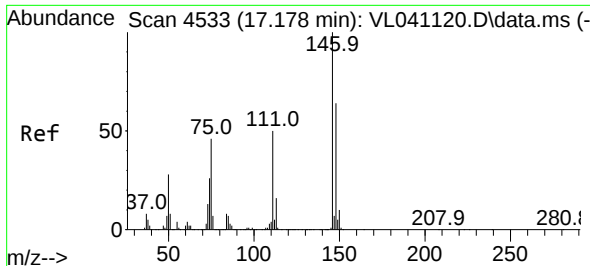
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#76
1,4-Dichlorobenzene
Concen: 9.743 ppbv
RT: 16.513 min Scan# 4326
Delta R.T. 0.000 min
Lab File: VL041120.D
Acq: 4 Apr 2024 9:25

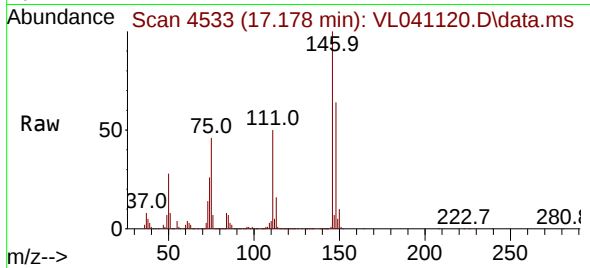
Tgt Ion:146 Resp: 2149783
Ion Ratio Lower Upper
146 100
111 48.2 24.1 72.3
148 66.1 33.1 99.2





#77
1,2-Dichlorobenzene
Concen: 9.750 ppbv
RT: 17.178 min Scan# 4533
Delta R.T. 0.000 min
Lab File: VL041120.D
Acq: 4 Apr 2024 9:25

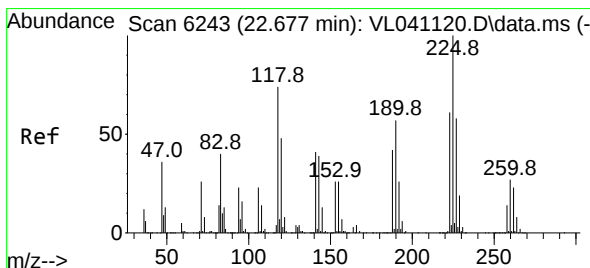
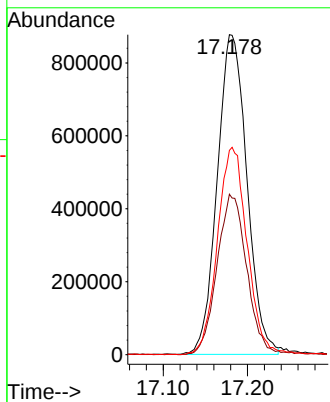
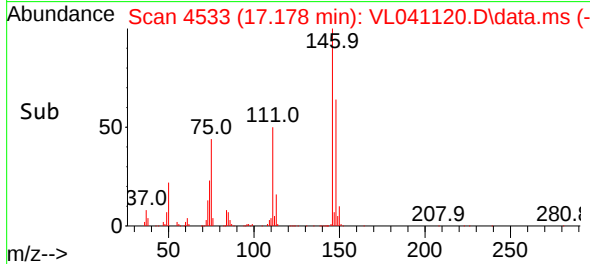
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



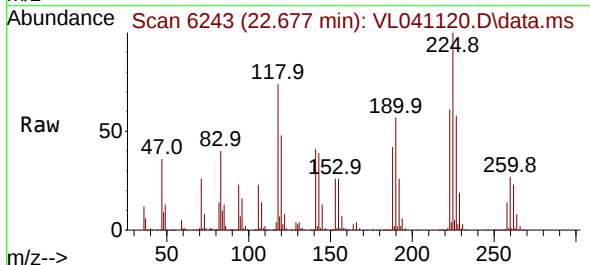
Tgt Ion:146 Resp: 2146629
Ion Ratio Lower Upper
146 100
111 50.2 25.1 75.3
148 65.1 32.6 97.7

Manual Integrations
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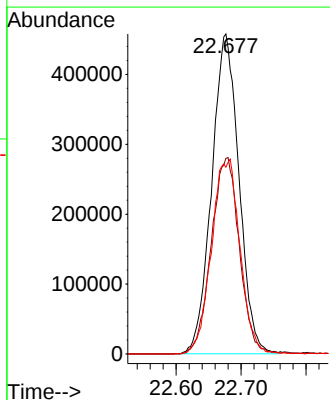
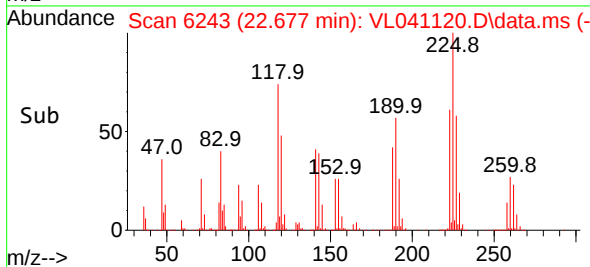
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024

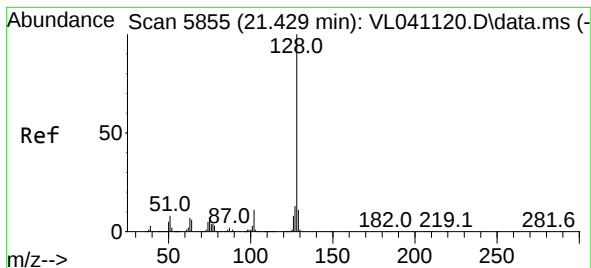


#78
Hexachloro-1,3-Butadiene
Concen: 9.088 ppbv
RT: 22.677 min Scan# 6243
Delta R.T. 0.000 min
Lab File: VL041120.D
Acq: 4 Apr 2024 9:25



Tgt Ion:225 Resp: 1328860
Ion Ratio Lower Upper
225 100
223 63.6 50.9 76.3
227 64.1 51.3 76.9





#79

Naphthalene

Concen: 13.033 ppbv

RT: 21.429 min Scan# 5855

Delta R.T. 0.000 min

Lab File: VL041120.D

Acq: 4 Apr 2024 9:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:128 Resp: 3196420

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

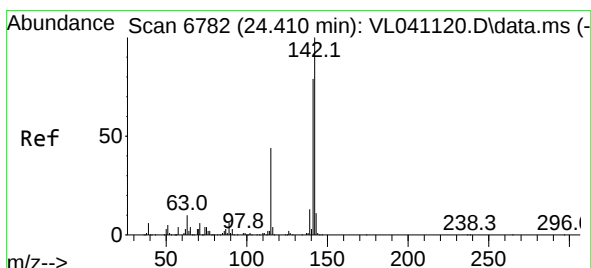
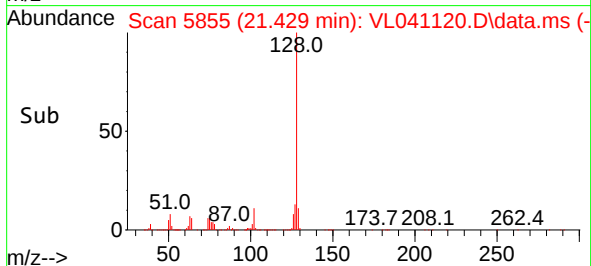
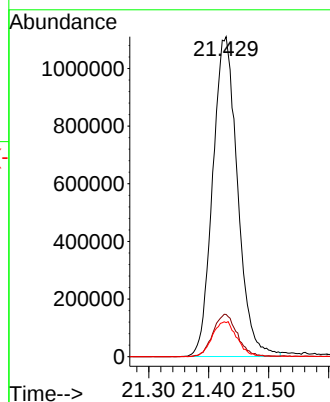
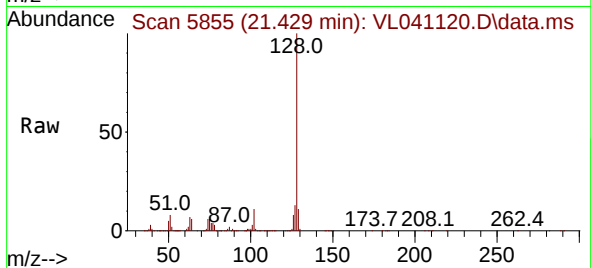
129 10.7 8.6 12.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/05/2024

Supervised By :Mahesh Dadoda 04/05/2024



#80

Naphthalene,2-methyl-

Concen: 13.879 ppbv

RT: 24.410 min Scan# 6782

Delta R.T. 0.000 min

Lab File: VL041120.D

Acq: 4 Apr 2024 9:25

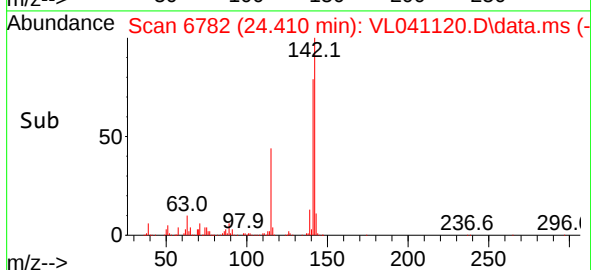
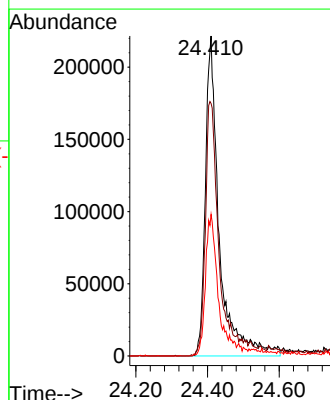
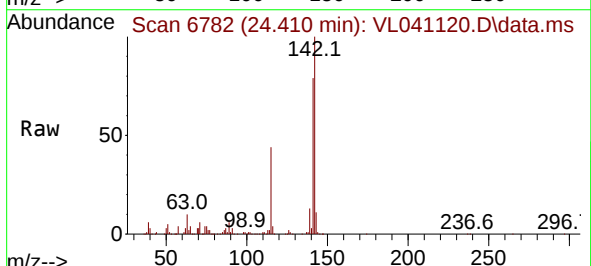
Tgt Ion:142 Resp: 596556

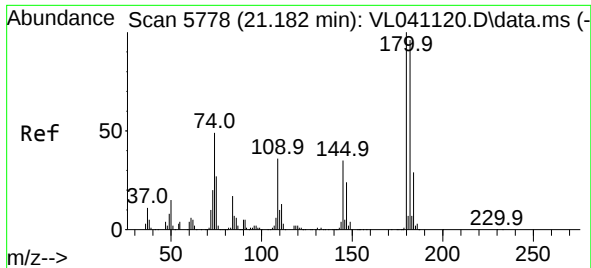
Ion Ratio Lower Upper

142 100

141 80.5 64.4 96.6

115 41.9 33.5 50.3





#81
 1,2,4-Trichlorobenzene
 Concen: 10.862 ppbv
 RT: 21.182 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VL041120.D
 Acq: 4 Apr 2024 9:25

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tgt Ion:180 Resp: 1534915
 Ion Ratio Lower Upper
 180 100
 182 96.8 77.4 116.2
 184 31.1 24.9 37.3

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/05/2024
 Supervised By :Mahesh Dadoda 04/05/2024

