

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050624\
 Data File : VL041232.D
 Acq On : 7 May 2024 8:46
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Quant Time: May 07 17:02:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Tue May 07 05:19:44 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Mahesh Dadoda 05/07/2024
 Supervised By : Semsettin Yesilyurt 05/07/2024

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

Internal Standards						
1) Bromochloromethane	5.201	49	879547	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.664	114	2312774	10.000	ppbv	0.01
55) Chlorobenzene-d5	11.474	117	2440150m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.783 95 1718807 9.330 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 93.300%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.742	85	1382839	11.623	ppbv	98
3) Chlorodifluoromethane	2.687	51	1354547	10.140	ppbv	98
4) Chloromethane	2.825	50	518018	9.883	ppbv	94
5) Vinyl Chloride	2.931	62	520221	9.879	ppbv	99
6) Bromomethane	3.131	94	186220	9.693	ppbv	98
7) Chloroethane	3.208	64	188585	10.144	ppbv	100
8) Dichlorotetrafluoroethane	2.870	85	1277037	10.370	ppbv	99
9) Propene	2.706	41	499980	9.564	ppbv	99
10) Heptane	7.587	43	1217983	9.616	ppbv	99
11) Trichlorofluoromethane	3.574	101	1307086	10.810	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.076	101	944956	10.568	ppbv	98
13) Ethanol	3.253	45	110289	9.411	ppbv	99
14) Bromoethene	3.375	108	377316	10.225	ppbv	99
15) Acetone	3.478	43	960351	9.252	ppbv	98
16) 1,3-Butadiene	2.996	39	540182	10.309	ppbv	97
17) tert-Butyl alcohol	3.886	59	969433	8.658	ppbv	98
18) 1,1-Dichloroethene	3.893	96	416547	10.448	ppbv	95
19) Isopropyl Alcohol	3.587	45	690777	10.141	ppbv #	45
20) Methylene Chloride	3.944	84	337586	9.352	ppbv	96
21) Allyl Chloride	4.005	41	669161	9.887	ppbv	97
22) trans-1,2-Dichloroethene	4.455	96	432965	10.443	ppbv	97
23) Vinyl Acetate	4.636	43	1125317	9.845	ppbv	97
24) 1,1-Dichloroethane	4.574	63	921130	10.364	ppbv	99
25) Ethyl Acetate	5.214	43	2009461	9.699	ppbv	100
26) Hexane	5.221	57	880257	9.520	ppbv	99
27) Carbon Disulfide	4.134	76	1066743	9.747	ppbv	97
28) Methyl tert-Butyl Ether	4.597	73	670671	9.110	ppbv	99
29) Chloroform	5.285	83	1363984	10.693	ppbv	99
30) Cyclohexane	6.610	84	742340	10.143	ppbv	98
31) cis-1,2-Dichloroethene	5.089	61	882525	10.196	ppbv	97
32) 1,1,1-Trichloroethane	6.012	97	1328517	10.439	ppbv	99
34) 2-Butanone	4.796	43	1031576	8.763	ppbv	99
35) Carbon Tetrachloride	6.504	117	1348275	10.388	ppbv	99
36) Benzene	6.378	78	1863458	9.601	ppbv	99
37) 1,2-Dichloroethane	5.816	62	1075664	10.622	ppbv	100
38) Trichloroethene	7.301	130	717420	9.919	ppbv	99
39) 1,2-Dichloropropane	7.082	63	728612	9.741	ppbv	96
40) 1,4-Dioxane	7.295	88	282802	10.583	ppbv	90
41) Tetrahydrofuran	5.565	42	781472	9.170	ppbv	99
42) Bromodichloromethane	7.256	83	1523943	10.493	ppbv	100
43) Methyl Methacrylate	7.484	69	756578	9.638	ppbv	99
44) 2,2,4-Trimethylpentane	7.336	57	3149046	9.410	ppbv	100
45) t-1,3-Dichloropropene	8.719	75	533341	9.376	ppbv	99

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Manual Integrations
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Quant Time: May 07 17:02:14 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M

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

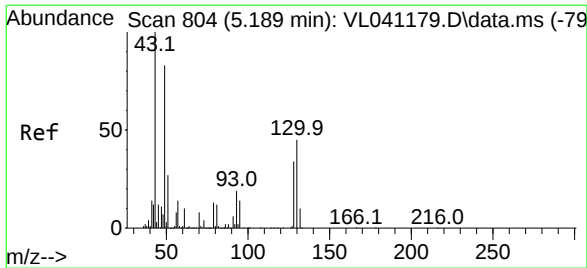
QLast Update : Tue May 07 05:19:44 2024

Response via : Initial Calibration

Reviewed By : Mahesh Dadoda 05/07/2024
 Supervised By : Semsettin Yesilyurt 05/07/2024

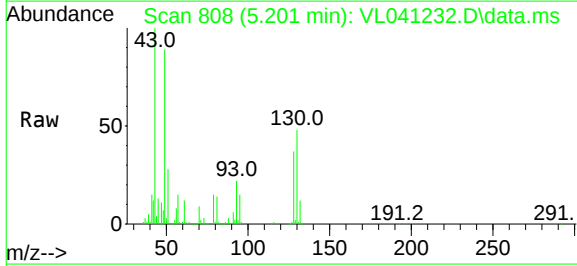
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.150	75	649939	9.333	ppbv	98
47) 1,1,2-Trichloroethane	8.912	97	759245	10.141	ppbv	97
48) Dibromochloromethane	9.719	129	1266098	10.614	ppbv	100
49) Bromoform	12.417	173	1068477	10.529	ppbv	99
50) 4-Methyl-2-Pentanone	8.185	43	1946905	9.216	ppbv	100
51) 2-Hexanone	9.558	43	1417630	9.047	ppbv #	98
52) Tetrachloroethene	10.622	164	667613	9.787	ppbv	99
53) Toluene	9.230	91	2177514	9.676	ppbv	99
54) 1,2-Dibromoethane	10.021	107	1034955	10.206	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.519	131	926243	9.361	ppbv	98
57) Chlorobenzene	11.536	112	1618121	9.055	ppbv	99
58) Ethyl Benzene	12.095	91	2931204	8.761	ppbv	97
59) m/p-Xylene	12.378	91	4901713m	17.431	ppbv	
60) o-Xylene	13.069	91	2319989	8.801	ppbv	99
61) Styrene	12.905	104	1258314	9.036	ppbv	99
62) Isopropylbenzene	14.037	105	3470665	8.802	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.056	83	1635529	9.103	ppbv	100
64) n-propylbenzene	14.921	120	917539	9.328	ppbv	96
65) tert-Butylbenzene	16.098	119	3059465	8.663	ppbv	100
66) Benzyl Chloride	16.333	91	171648	4.294	ppbv	99
67) sec-Butylbenzene	16.641	105	4347341	8.745	ppbv	99
69) p-Isopropyltoluene	17.005	119	3612515	8.818	ppbv	100
70) n-Butylbenzene	17.892	91	3806194	8.896	ppbv	99
71) 2-Chlorotoluene	14.809	91	2669084	8.891	ppbv	98
72) 4-Ethyltoluene	15.198	105	2812688	9.420	ppbv	98
73) 1,3,5-Trimethylbenzene	15.359	105	2445649	9.053	ppbv	99
74) 1,2,4-Trimethylbenzene	16.117	105	2647748	8.974	ppbv	94
75) 1,3-Dichlorobenzene	16.339	146	1574516	9.307	ppbv	100
76) 1,4-Dichlorobenzene	16.481	146	1544144	9.491	ppbv	100
77) 1,2-Dichlorobenzene	17.149	146	1523432	9.008	ppbv	100
78) Hexachloro-1,3-Butadiene	22.638	225	1111923	7.398	ppbv	99
79) Naphthalene	21.394	128	2634247	9.376	ppbv	99
80) Naphthalene,2-methyl-	24.377	142	811231	7.177	ppbv	98
81) 1,2,4-Trichlorobenzene	21.146	180	1269024	8.554	ppbv	100

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.201 min Scan# 80
Delta R.T. 0.012 min
Lab File: VL041232.D
Acq: 7 May 2024 8:46

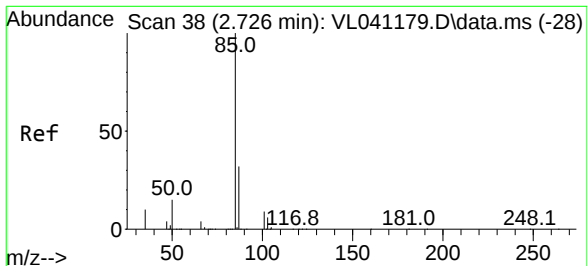
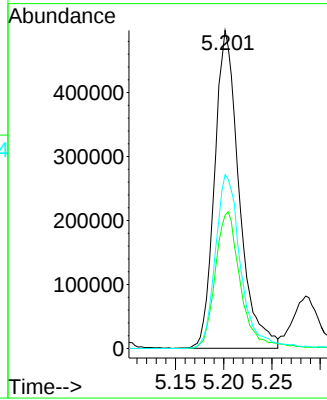
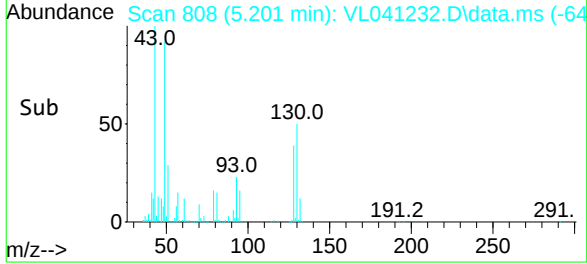
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 49 Resp: 879547
Ion Ratio Lower Upper
49 100
128 44.9 21.5 64.5
130 56.8 27.2 81.6

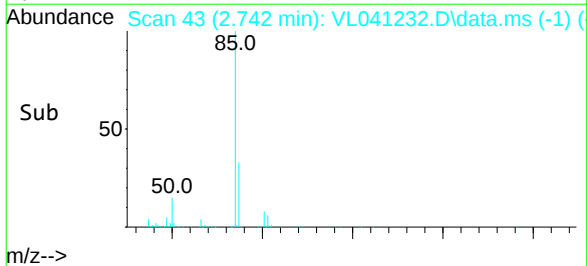
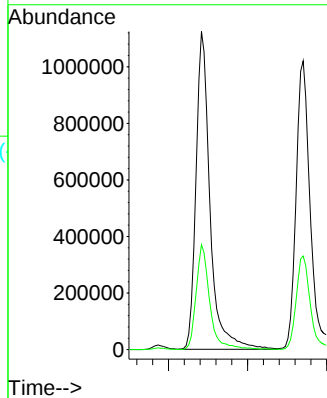
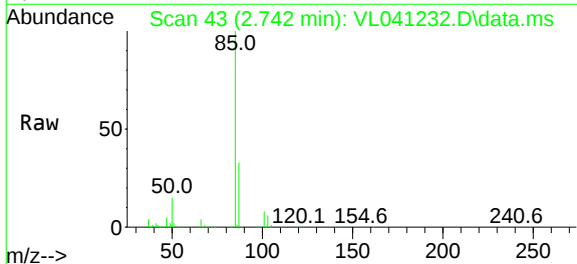
Manual Integrations
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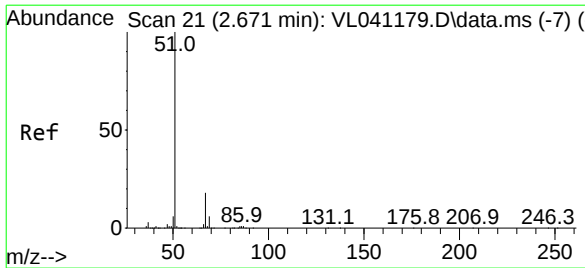
Reviewed By :Mahesh Dadoda 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#2
Dichlorodifluoromethane
Concen: 11.623 ppbv
RT: 2.742 min Scan# 43
Delta R.T. 0.016 min
Lab File: VL041232.D
Acq: 7 May 2024 8:46

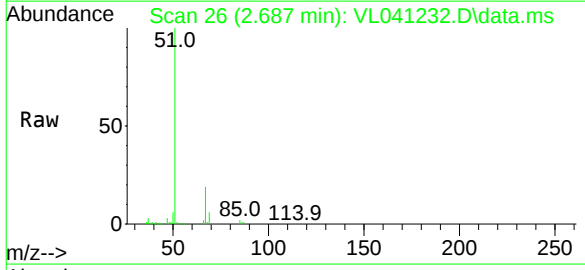
Tgt Ion: 85 Resp: 1382839
Ion Ratio Lower Upper
85 100
87 33.0 25.7 38.5





#3
Chlorodifluoromethane
Concen: 10.140 ppbv
RT: 2.687 min Scan# 26
Delta R.T. 0.016 min
Lab File: VL041232.D
Acq: 7 May 2024 8:46

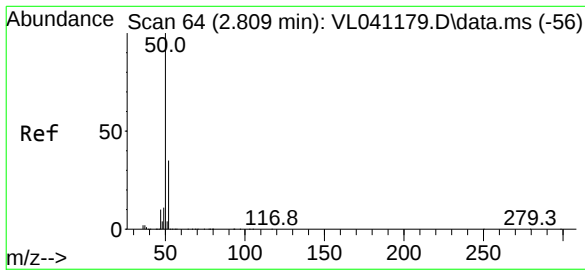
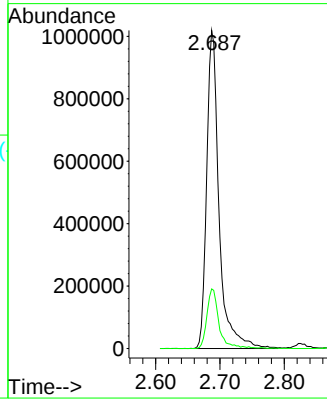
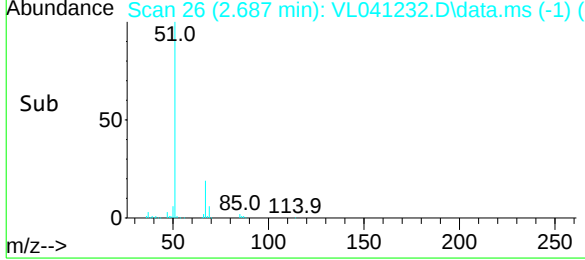
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



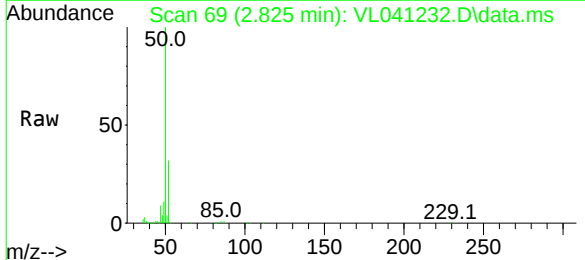
Tgt Ion: 51 Resp: 1354547
Ion Ratio Lower Upper
51 100
67 18.5 14.0 21.0

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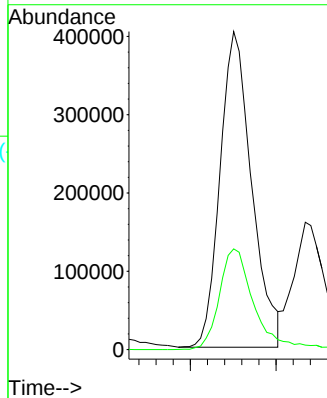
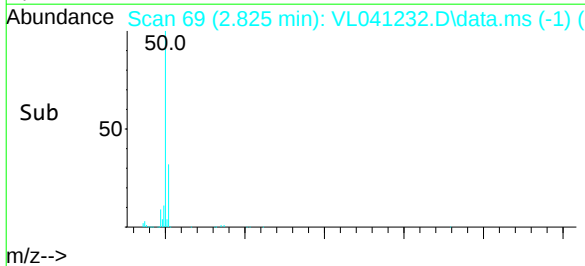
Reviewed By :Mahesh Dadoda 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024

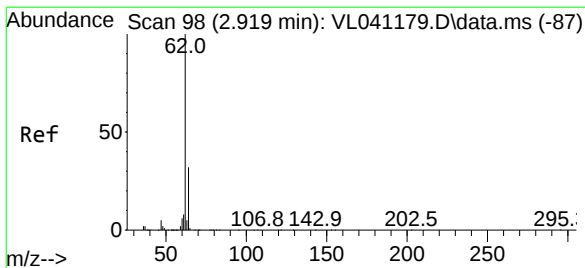


#4
Chloromethane
Concen: 9.883 ppbv
RT: 2.825 min Scan# 69
Delta R.T. 0.016 min
Lab File: VL041232.D
Acq: 7 May 2024 8:46



Tgt Ion: 50 Resp: 518018
Ion Ratio Lower Upper
50 100
52 31.9 28.3 42.5





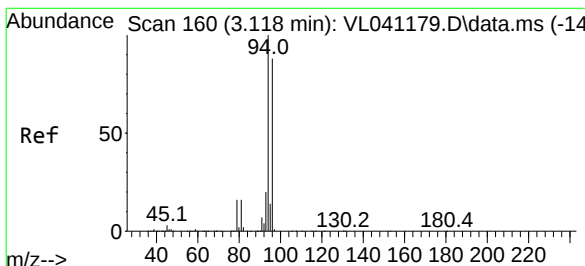
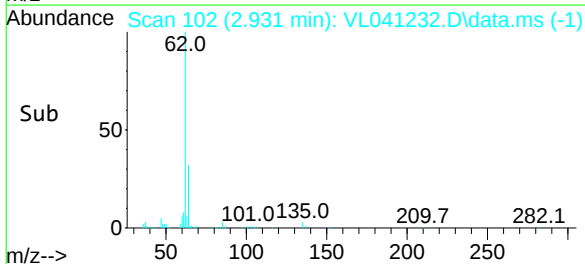
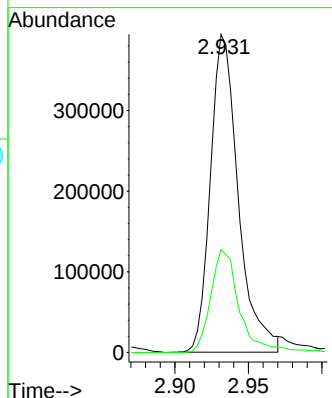
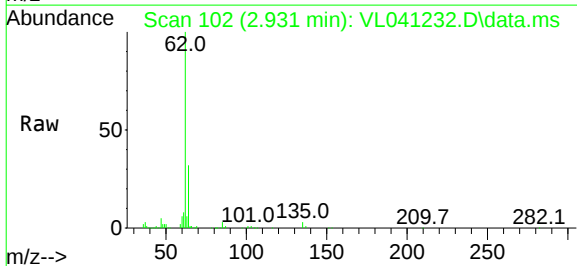
#5
Vinyl Chloride
Concen: 9.879 ppbv
RT: 2.931 min Scan# 10
Delta R.T. 0.013 min
Lab File: VL041232.D
Acq: 7 May 2024 8:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 62 Resp: 520221
Ion Ratio Lower Upper
62 100
64 32.4 25.7 38.5

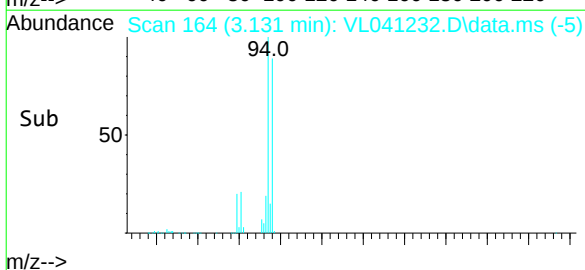
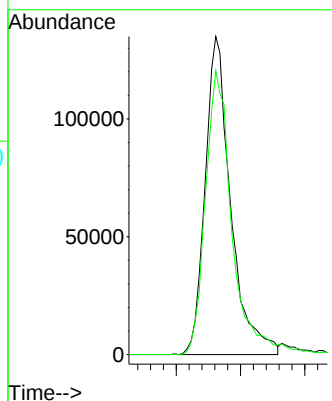
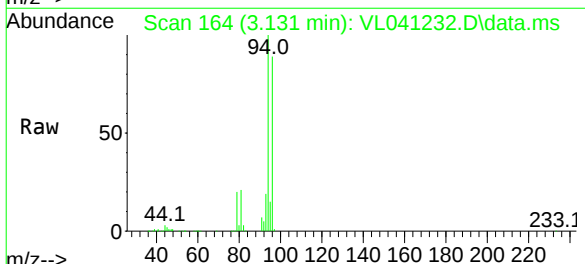
Manual Integrations
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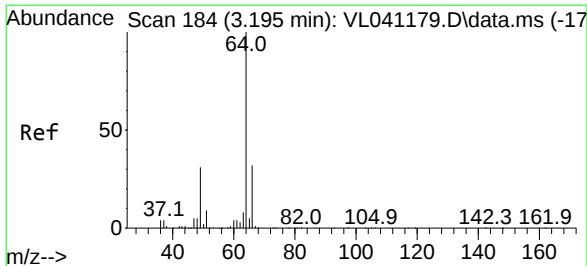
Reviewed By :Mahesh Dadoda 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#6
Bromomethane
Concen: 9.693 ppbv
RT: 3.131 min Scan# 164
Delta R.T. 0.013 min
Lab File: VL041232.D
Acq: 7 May 2024 8:46

Tgt Ion: 94 Resp: 186220
Ion Ratio Lower Upper
94 100
96 89.2 70.1 105.1





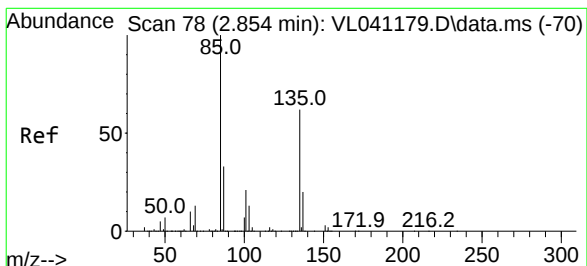
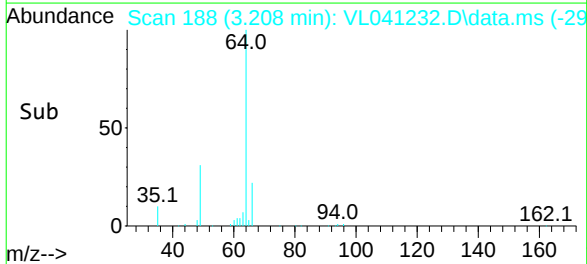
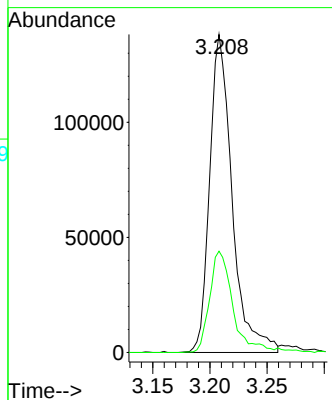
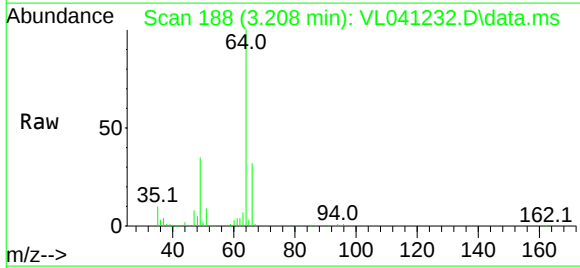
#7
Chloroethane
Concen: 10.144 ppbv
RT: 3.208 min Scan# 18
Delta R.T. 0.013 min
Lab File: VL041232.D
Acq: 7 May 2024 8:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 64 Resp: 188585
Ion Ratio Lower Upper
64 100
66 31.8 25.4 38.2

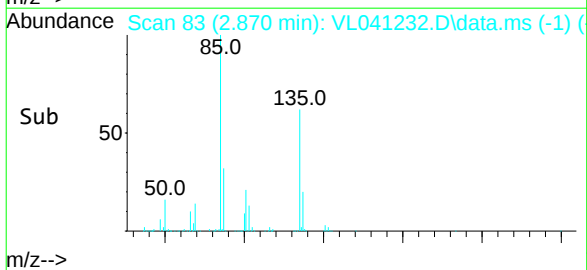
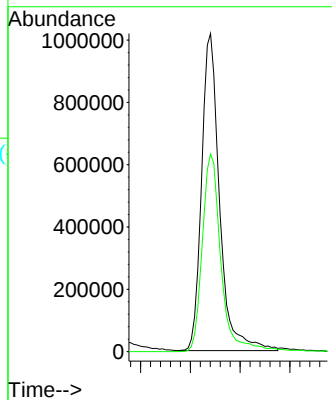
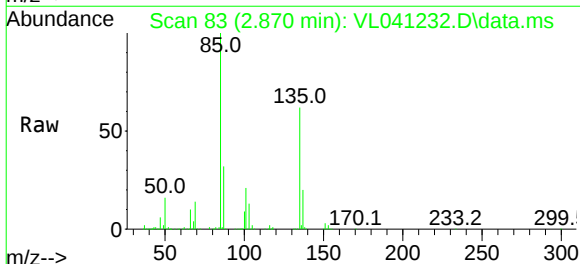
Manual Integrations
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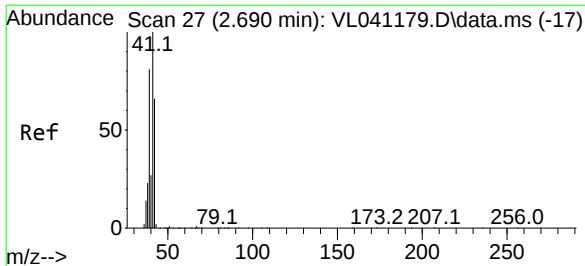
Reviewed By :Mahesh Dadoda 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#8
Dichlorotetrafluoroethane
Concen: 10.370 ppbv
RT: 2.870 min Scan# 83
Delta R.T. 0.016 min
Lab File: VL041232.D
Acq: 7 May 2024 8:46

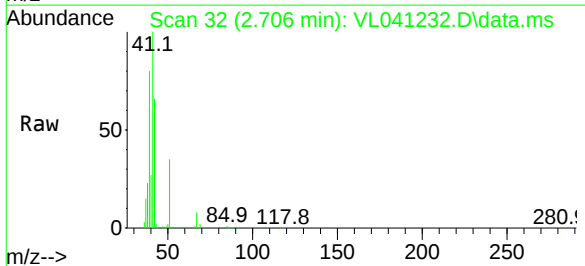
Tgt Ion: 85 Resp: 1277037
Ion Ratio Lower Upper
85 100
135 65.2 51.5 77.3





#9
Propene
Concen: 9.564 ppbv
RT: 2.706 min Scan# 32
Delta R.T. 0.016 min
Lab File: VL041232.D
Acq: 7 May 2024 8:46

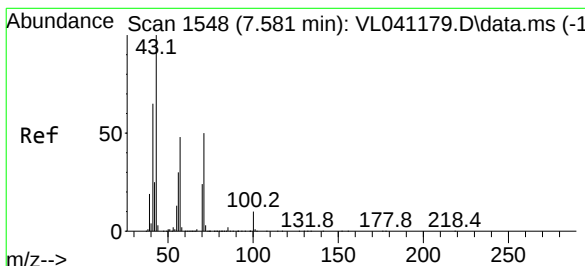
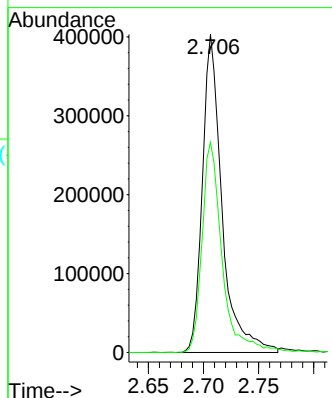
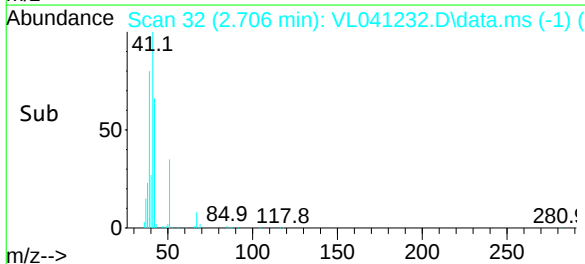
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 41 Resp: 499986
Ion Ratio Lower Upper
41 100
42 68.2 55.3 82.9

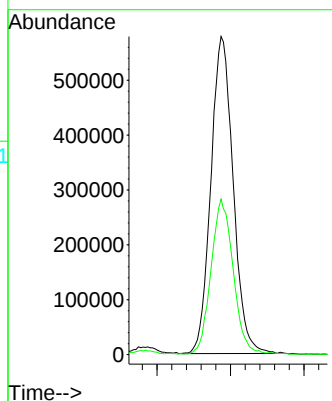
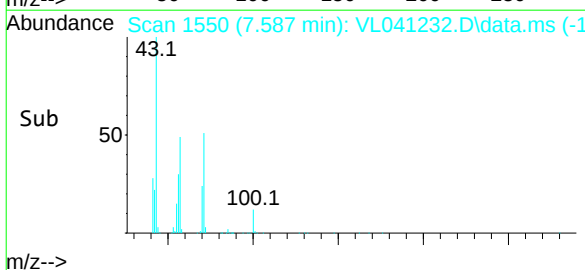
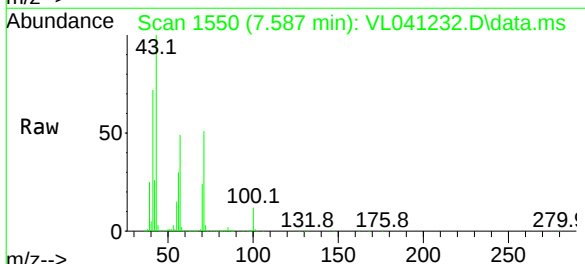
Manual Integrations
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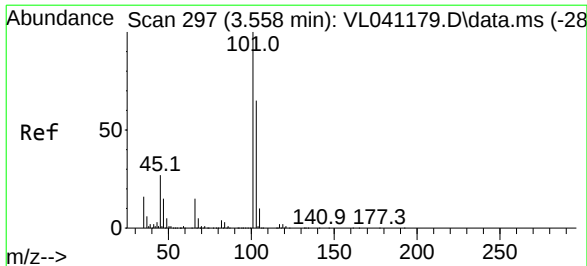
Reviewed By :Mahesh Dadoda 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#10
Heptane
Concen: 9.616 ppbv
RT: 7.587 min Scan# 1550
Delta R.T. 0.006 min
Lab File: VL041232.D
Acq: 7 May 2024 8:46

Tgt Ion: 43 Resp: 1217983
Ion Ratio Lower Upper
43 100
57 49.0 38.7 58.1





#11
 Trichlorofluoromethane
 Concen: 10.810 ppbv
 RT: 3.574 min Scan# 301
 Delta R.T. 0.016 min
 Lab File: VL041232.D
 Acq: 7 May 2024 8:46

Instrument :

MSVOA_L

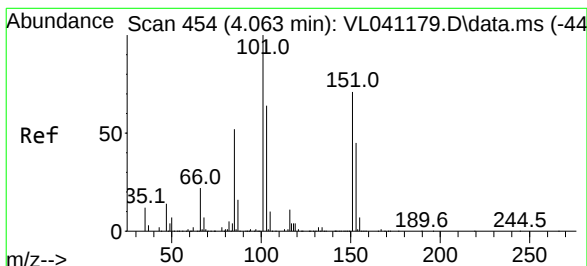
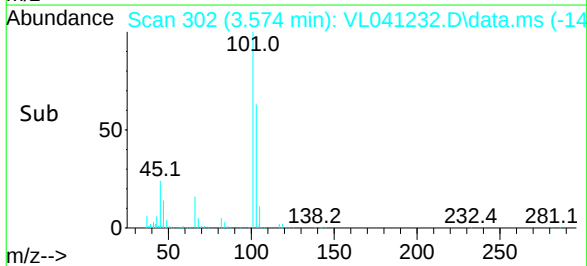
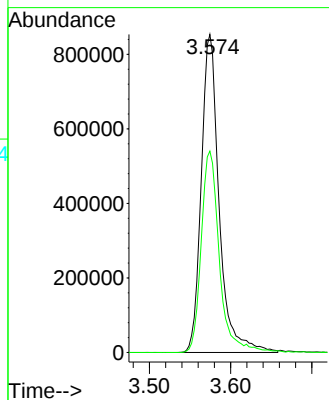
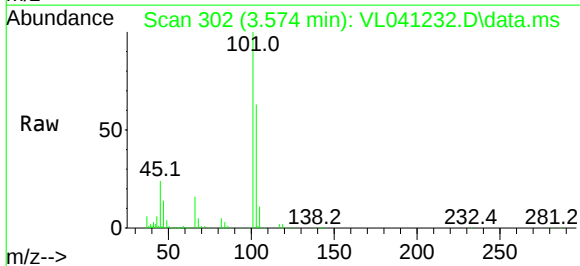
ClientSampleId :

VSTDCCC010EC

Tgt Ion:101 Resp: 1307086
 Ion Ratio Lower Upper
 101 100
 103 63.3 51.6 77.4

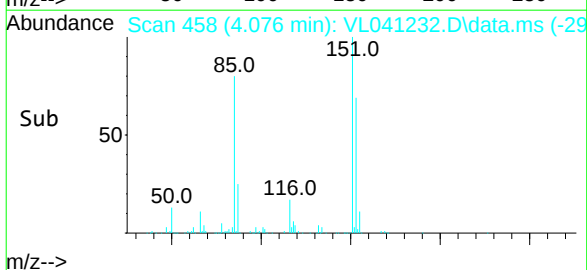
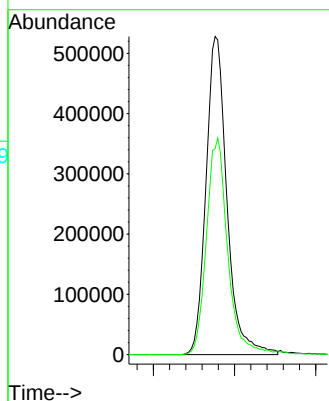
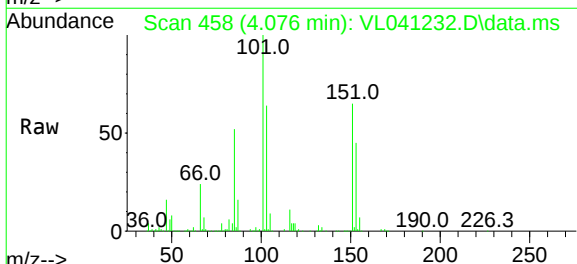
Manual Integrations
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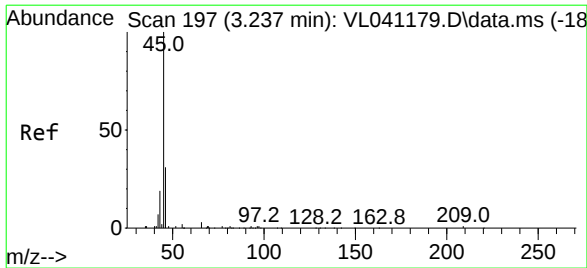
Reviewed By :Mahesh Dadoda 05/07/2024
 Supervised By :Semsettin Yesilyurt 05/07/2024



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.568 ppbv
 RT: 4.076 min Scan# 458
 Delta R.T. 0.013 min
 Lab File: VL041232.D
 Acq: 7 May 2024 8:46

Tgt Ion:101 Resp: 944956
 Ion Ratio Lower Upper
 101 100
 151 69.4 56.8 85.2





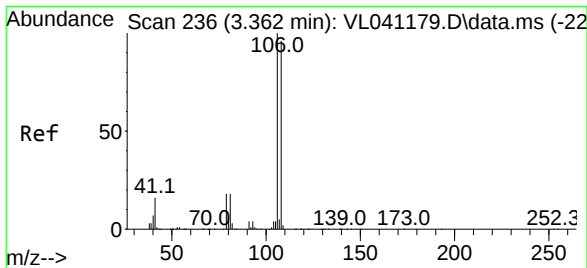
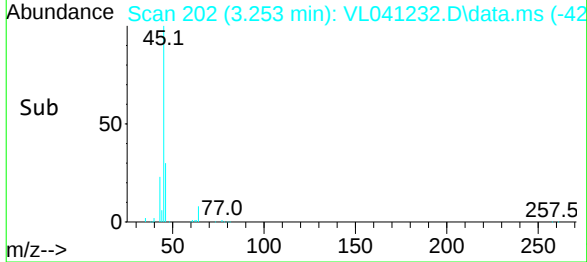
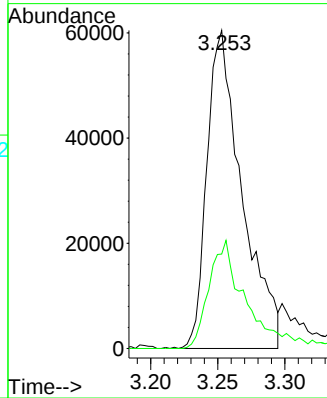
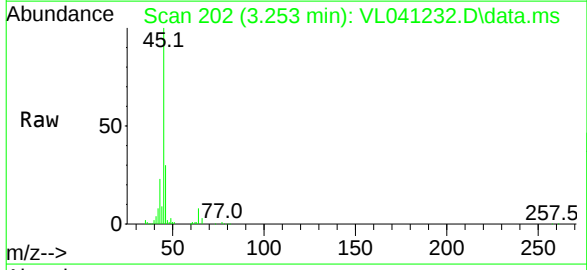
#13
Ethanol
Concen: 9.411 ppbv
RT: 3.253 min Scan# 20
Delta R.T. 0.016 min
Lab File: VL041232.D
Acq: 7 May 2024 8:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 45 Resp: 110289
Ion Ratio Lower Upper
45 100
46 37.3 14.8 59.0

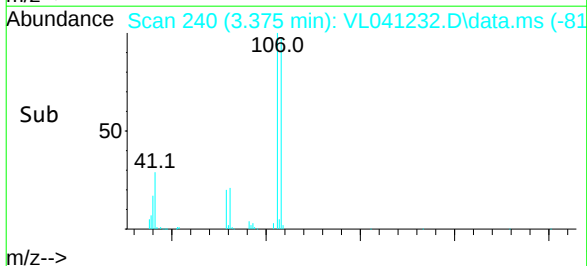
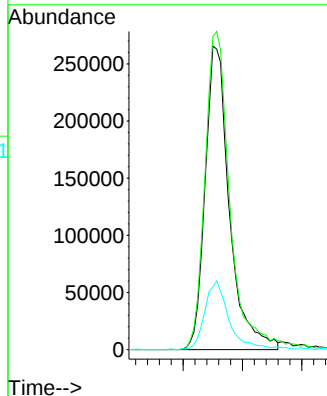
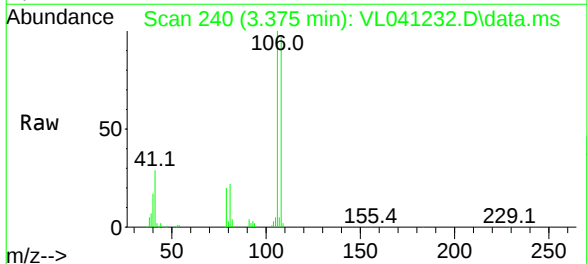
Manual Integrations
APPROVED

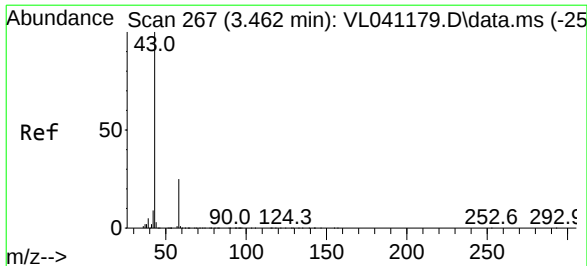
Reviewed By :Mahesh Dadoda 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#14
Bromoethene
Concen: 10.225 ppbv
RT: 3.375 min Scan# 240
Delta R.T. 0.013 min
Lab File: VL041232.D
Acq: 7 May 2024 8:46

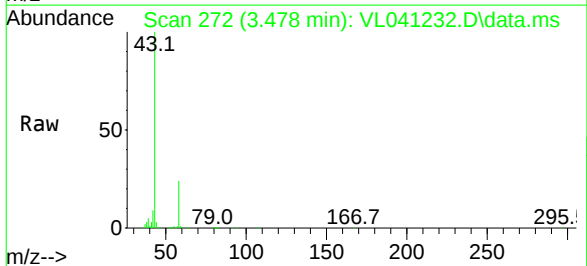
Tgt Ion:108 Resp: 377316
Ion Ratio Lower Upper
108 100
106 110.0 88.2 132.4
79 23.4 17.4 26.0





#15
Acetone
Concen: 9.252 ppbv
RT: 3.478 min Scan# 27
Delta R.T. 0.016 min
Lab File: VL041232.D
Acq: 7 May 2024 8:46

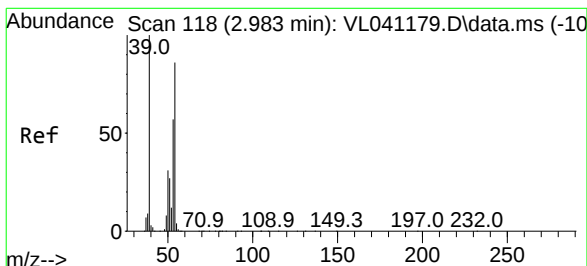
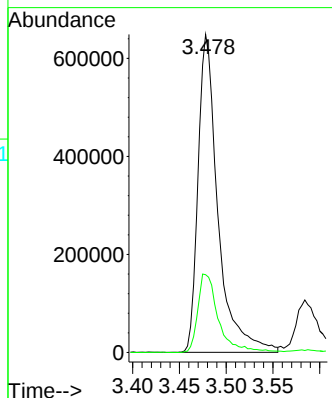
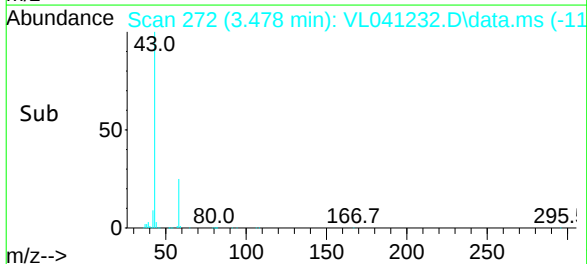
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



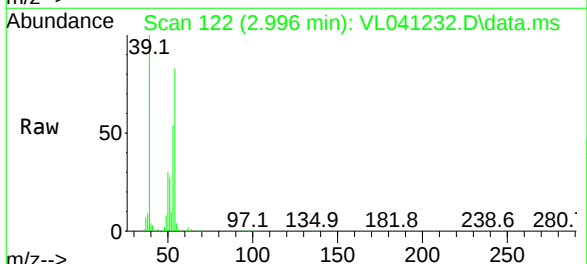
Tgt Ion: 43 Resp: 960351
Ion Ratio Lower Upper
43 100
58 25.7 21.4 32.0

Manual Integrations
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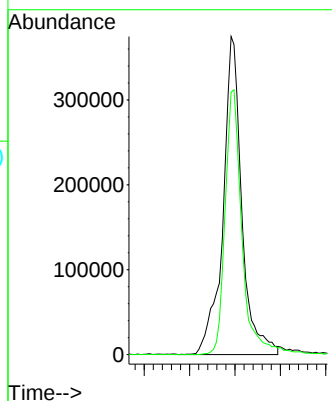
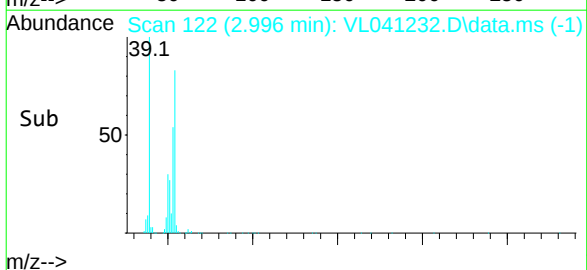
Reviewed By :Mahesh Dadoda 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024

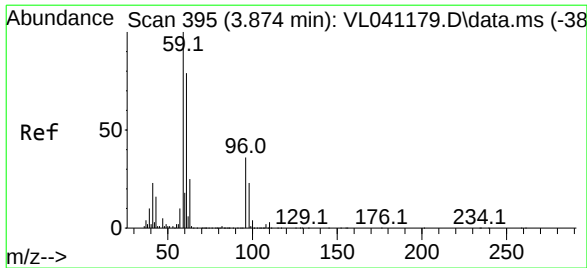


#16
1,3-Butadiene
Concen: 10.309 ppbv
RT: 2.996 min Scan# 122
Delta R.T. 0.013 min
Lab File: VL041232.D
Acq: 7 May 2024 8:46



Tgt Ion: 39 Resp: 540182
Ion Ratio Lower Upper
39 100
54 75.3 62.2 93.4





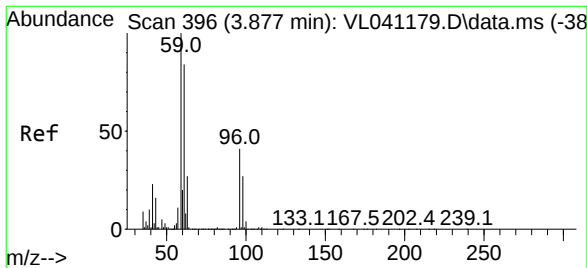
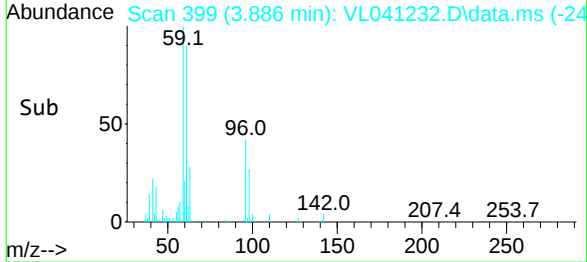
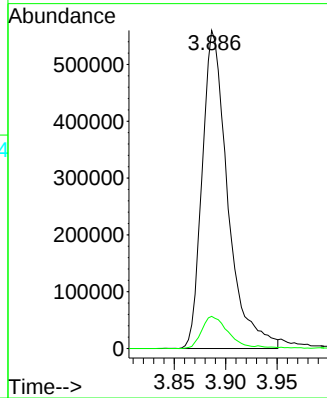
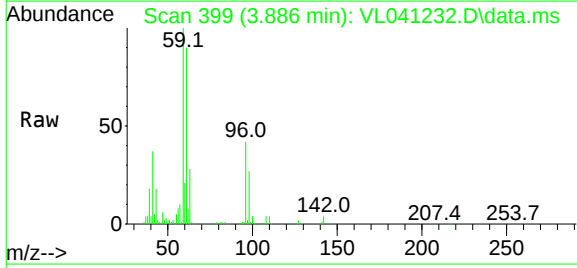
#17
tert-Butyl alcohol
Concen: 8.658 ppbv
RT: 3.886 min Scan# 39
Delta R.T. 0.013 min
Lab File: VL041232.D
Acq: 7 May 2024 8:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 59 Resp: 969433
Ion Ratio Lower Upper
59 100
57 11.2 8.4 12.6

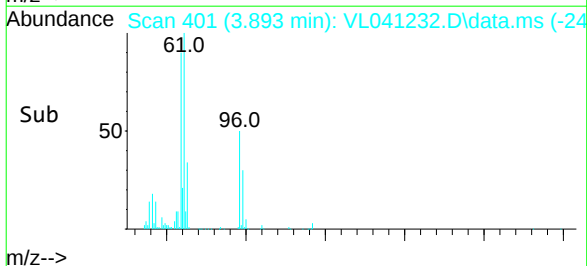
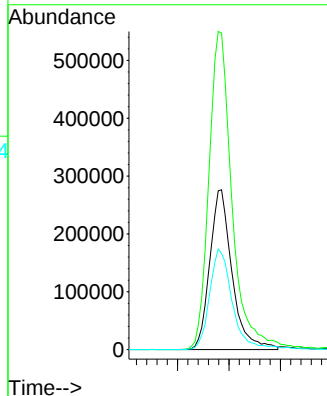
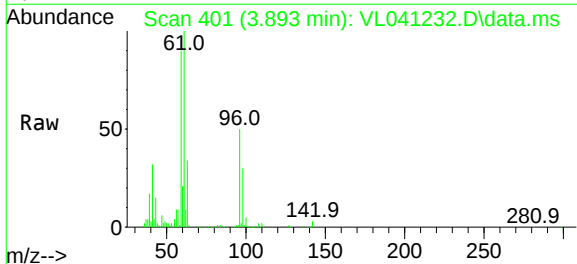
Manual Integrations
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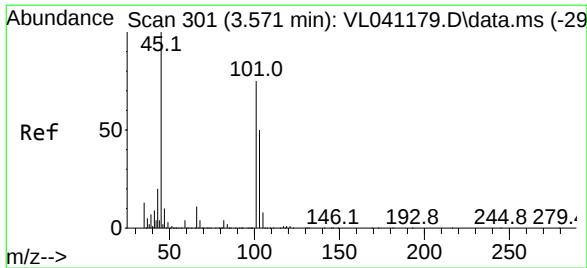
Reviewed By :Mahesh Dadoda 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#18
1,1-Dichloroethene
Concen: 10.448 ppbv
RT: 3.893 min Scan# 401
Delta R.T. 0.016 min
Lab File: VL041232.D
Acq: 7 May 2024 8:46

Tgt Ion: 96 Resp: 416547
Ion Ratio Lower Upper
96 100
61 198.1 164.4 246.6
98 60.0 51.8 77.8





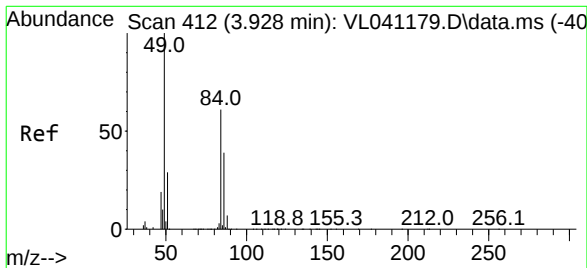
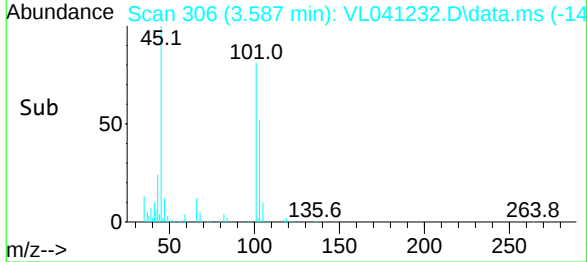
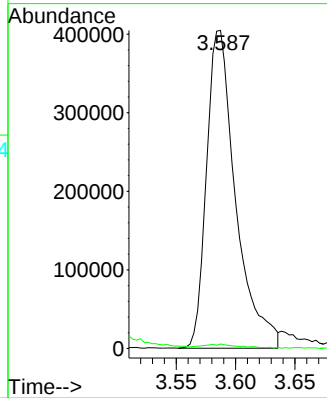
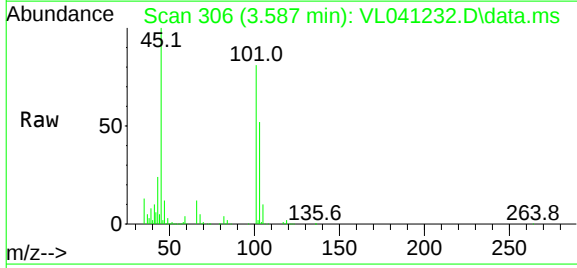
#19
Isopropyl Alcohol
Concen: 10.141 ppbv
RT: 3.587 min Scan# 301
Delta R.T. 0.016 min
Lab File: VL041232.D
Acq: 7 May 2024 8:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 45 Resp: 690777
Ion Ratio Lower Upper
45 100
58 2.0 26.8 40.2#

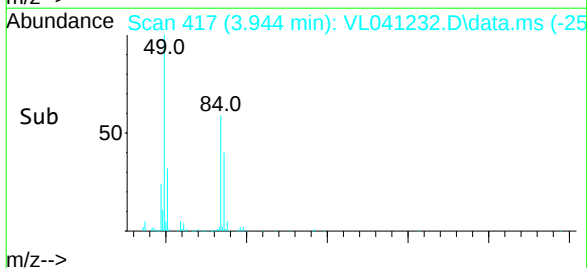
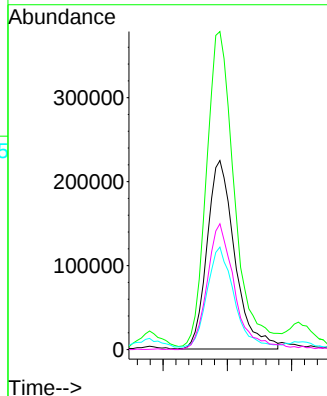
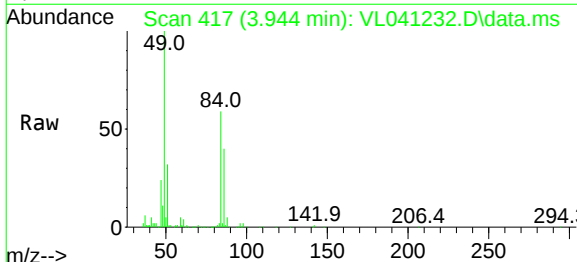
Manual Integrations
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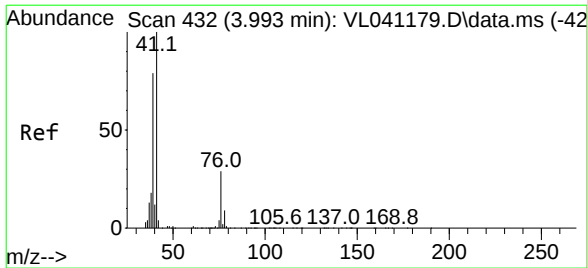
Reviewed By :Mahesh Dadoda 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#20
Methylene Chloride
Concen: 9.352 ppbv
RT: 3.944 min Scan# 417
Delta R.T. 0.016 min
Lab File: VL041232.D
Acq: 7 May 2024 8:46

Tgt Ion: 84 Resp: 337586
Ion Ratio Lower Upper
84 100
49 167.2 130.4 195.6
51 52.9 38.0 57.0
86 66.8 50.3 75.5





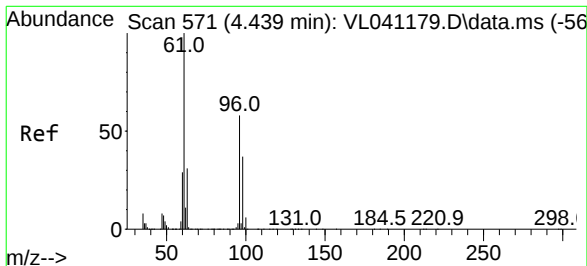
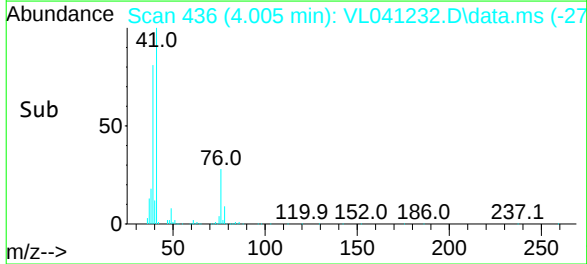
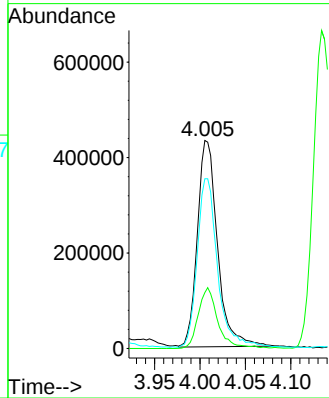
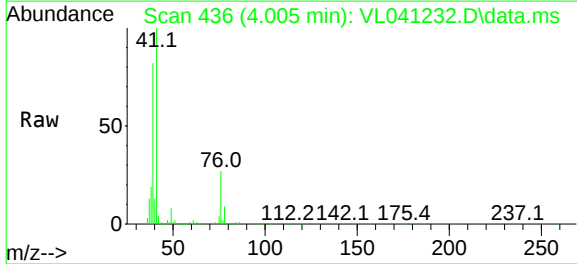
#21
 Allyl Chloride
 Concen: 9.887 ppbv
 RT: 4.005 min Scan# 43
 Delta R.T. 0.013 min
 Lab File: VL041232.D
 Acq: 7 May 2024 8:46

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 41 Resp: 669161
 Ion Ratio Lower Upper
 41 100
 76 28.8 23.7 35.5
 39 83.8 64.7 97.1

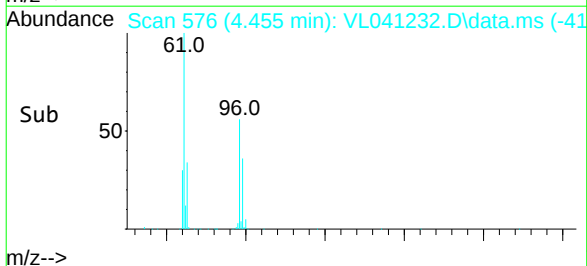
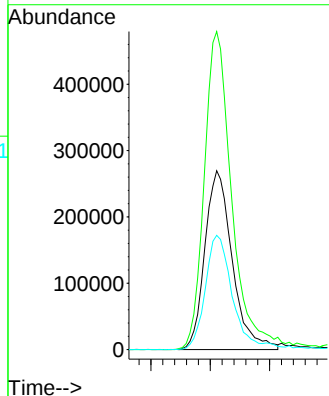
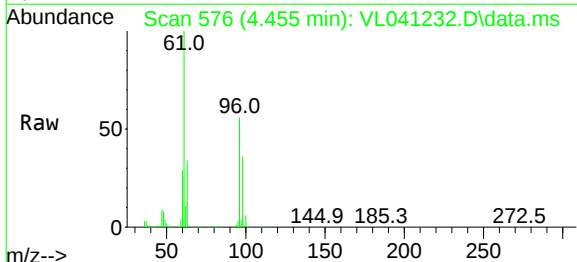
Manual Integrations
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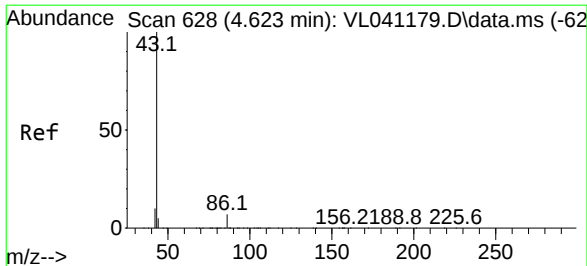
Reviewed By :Mahesh Dadoda 05/07/2024
 Supervised By :Semsettin Yesilyurt 05/07/2024



#22
 trans-1,2-Dichloroethene
 Concen: 10.443 ppbv
 RT: 4.455 min Scan# 576
 Delta R.T. 0.016 min
 Lab File: VL041232.D
 Acq: 7 May 2024 8:46

Tgt Ion: 96 Resp: 432965
 Ion Ratio Lower Upper
 96 100
 61 177.3 137.6 206.4
 98 63.7 50.6 76.0





#23
 Vinyl Acetate
 Concen: 9.845 ppbv
 RT: 4.636 min Scan# 63
 Delta R.T. 0.013 min
 Lab File: VL041232.D
 Acq: 7 May 2024 8:46

Instrument :

MSVOA_L

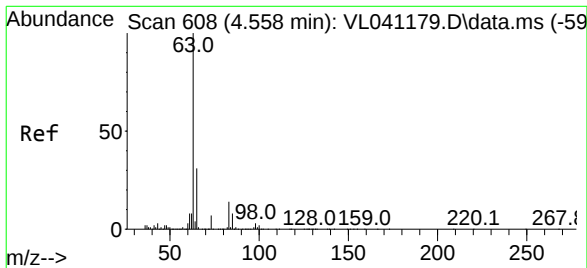
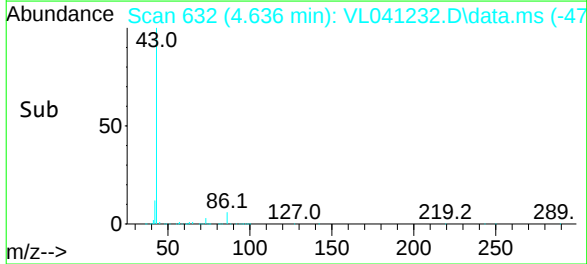
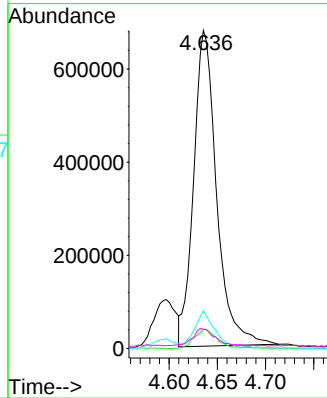
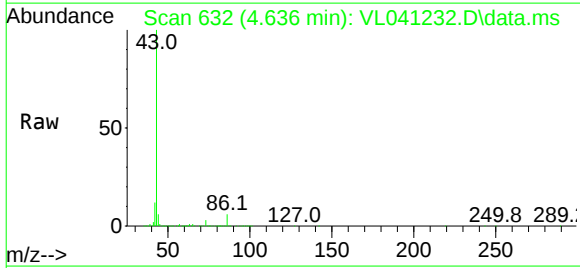
ClientSampleId :

VSTDCCC010EC

Tgt Ion: 43 Resp: 1125317
 Ion Ratio Lower Upper
 43 100
 86 6.0 4.9 7.3
 42 11.8 8.0 12.0
 44 5.2 3.7 5.5

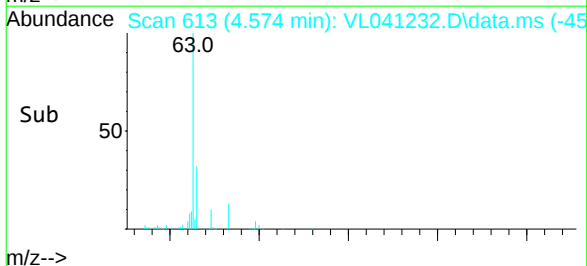
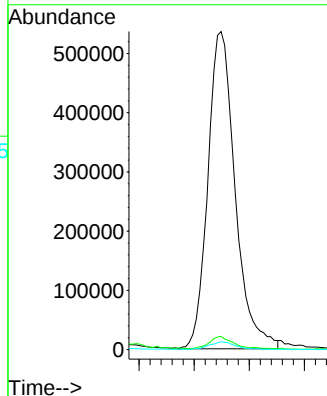
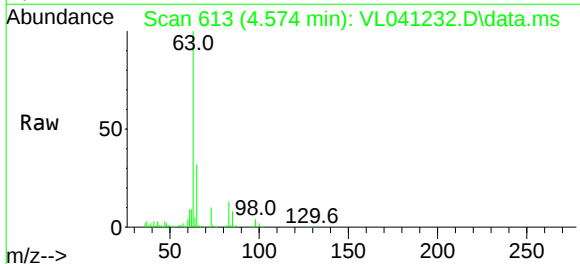
Manual Integrations
 APPROVED

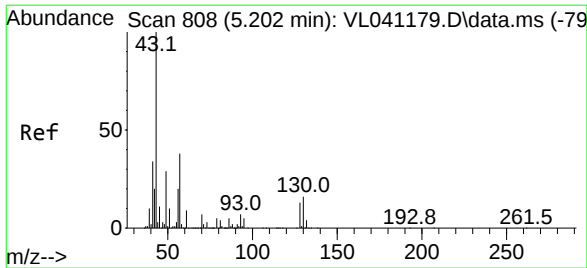
Reviewed By :Mahesh Dadoda 05/07/2024
 Supervised By :Semsettin Yesilyurt 05/07/2024



#24
 1,1-Dichloroethane
 Concen: 10.364 ppbv
 RT: 4.574 min Scan# 613
 Delta R.T. 0.016 min
 Lab File: VL041232.D
 Acq: 7 May 2024 8:46

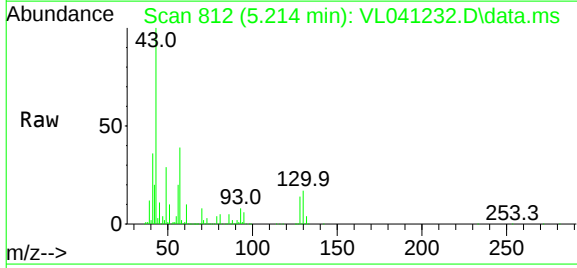
Tgt Ion: 63 Resp: 921130
 Ion Ratio Lower Upper
 63 100
 98 3.9 1.6 4.8
 100 2.4 1.1 3.5





#25
Ethyl Acetate
Concen: 9.699 ppbv
RT: 5.214 min Scan# 811
Delta R.T. 0.013 min
Lab File: VL041232.D
Acq: 7 May 2024 8:46

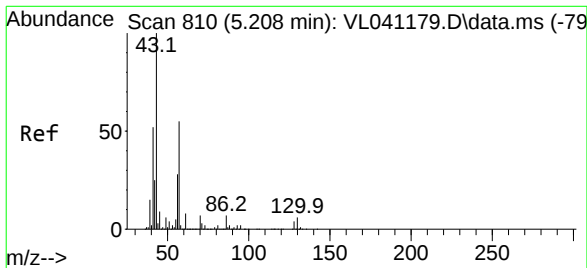
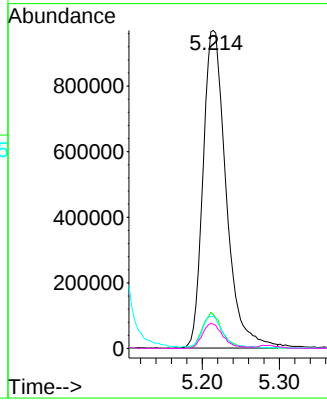
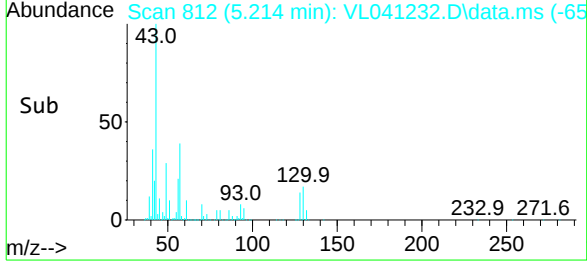
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



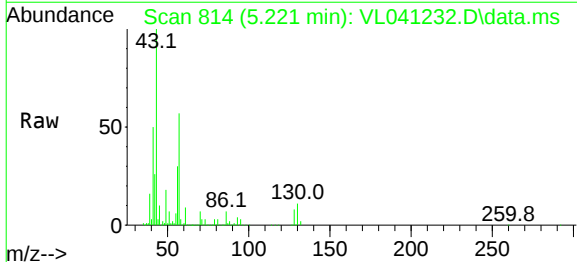
Tgt Ion: 43 Resp: 2009461
Ion Ratio Lower Upper
43 100
45 10.1 8.2 12.2
61 9.7 7.7 11.5
70 7.1 5.8 8.6

Manual Integrations
APPROVED

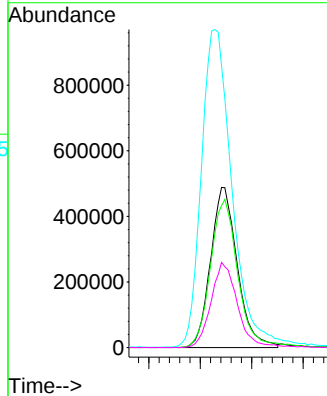
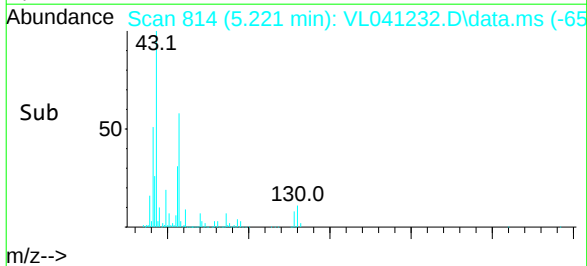
Reviewed By :Mahesh Dadoda 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024

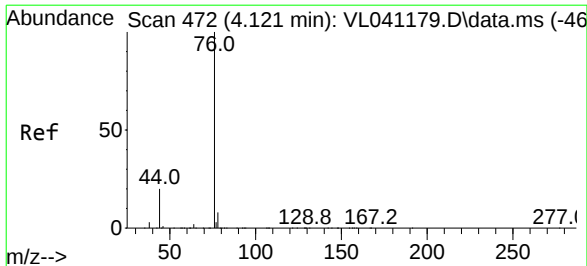


#26
Hexane
Concen: 9.520 ppbv
RT: 5.221 min Scan# 814
Delta R.T. 0.013 min
Lab File: VL041232.D
Acq: 7 May 2024 8:46



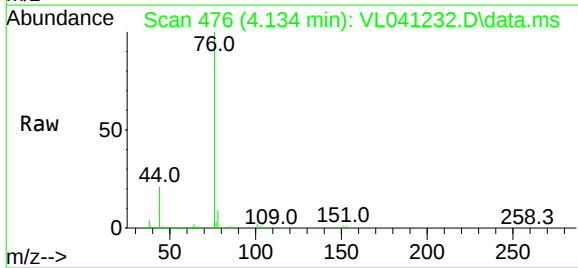
Tgt Ion: 57 Resp: 880257
Ion Ratio Lower Upper
57 100
41 96.2 75.8 113.8
43 231.5 187.0 280.4
56 53.0 42.7 64.1





#27
Carbon Disulfide
Concen: 9.747 ppbv
RT: 4.134 min Scan# 47
Delta R.T. 0.013 min
Lab File: VL041232.D
Acq: 7 May 2024 8:46

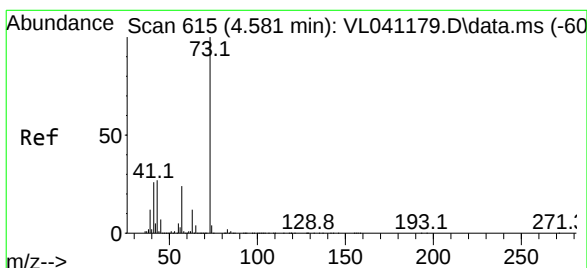
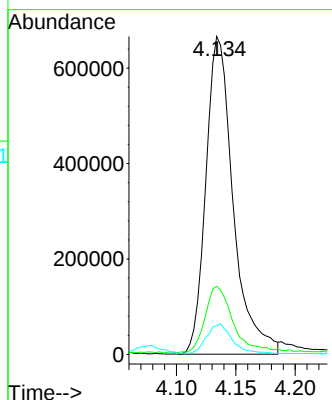
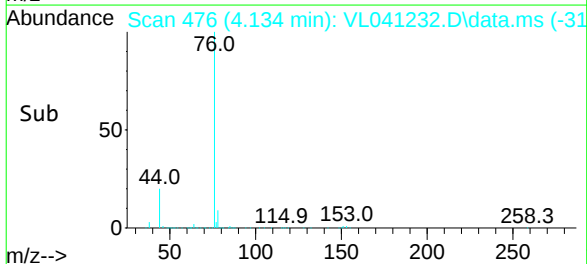
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



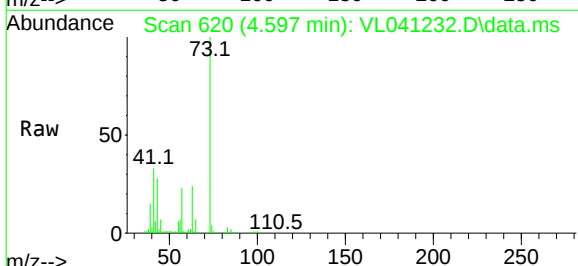
Tgt Ion: 76 Resp: 1066743
Ion Ratio Lower Upper
76 100
44 21.9 16.3 24.5
78 9.8 7.3 10.9

Manual Integrations
APPROVED

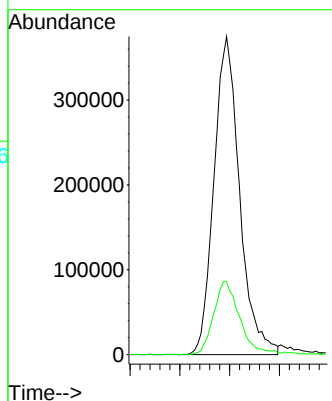
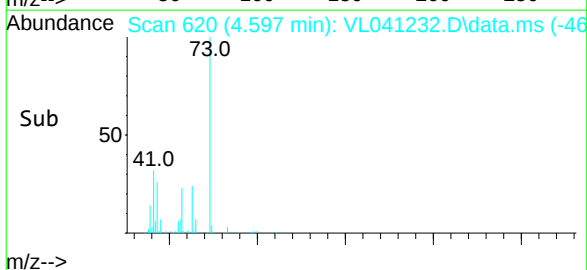
Reviewed By :Mahesh Dadoda 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024

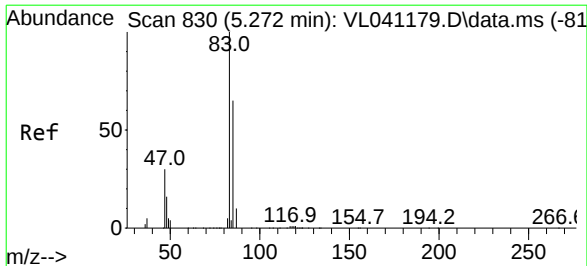


#28
Methyl tert-Butyl Ether
Concen: 9.110 ppbv
RT: 4.597 min Scan# 620
Delta R.T. 0.016 min
Lab File: VL041232.D
Acq: 7 May 2024 8:46



Tgt Ion: 73 Resp: 670671
Ion Ratio Lower Upper
73 100
57 24.0 18.8 28.2





#29

Chloroform

Concen: 10.693 ppbv

RT: 5.285 min Scan# 83

Delta R.T. 0.013 min

Lab File: VL041232.D

Acq: 7 May 2024 8:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 83 Resp: 1363984

Ion Ratio Lower Upper

83 100

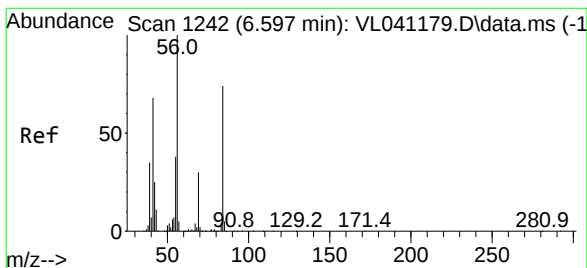
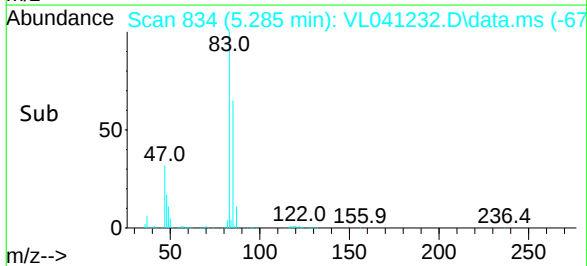
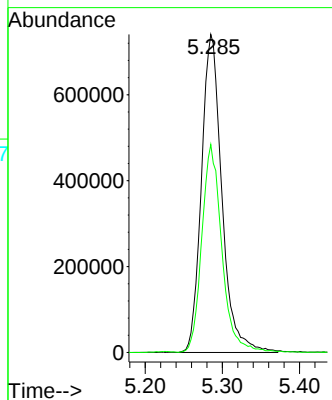
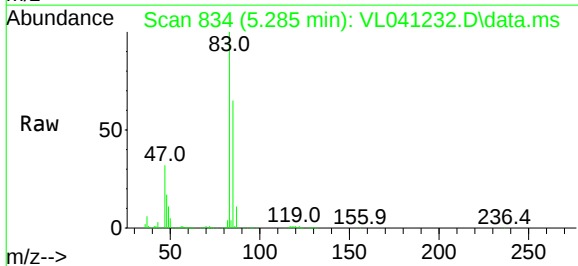
85 65.3 51.7 77.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/07/2024

Supervised By :Semsettin Yesilyurt 05/07/2024



#30

Cyclohexane

Concen: 10.143 ppbv

RT: 6.610 min Scan# 1246

Delta R.T. 0.013 min

Lab File: VL041232.D

Acq: 7 May 2024 8:46

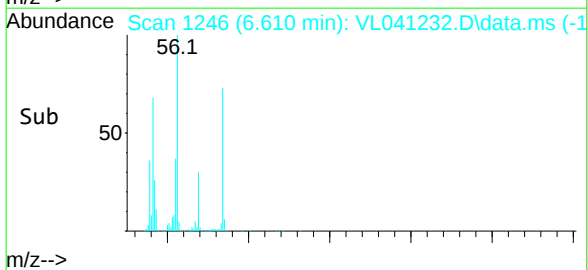
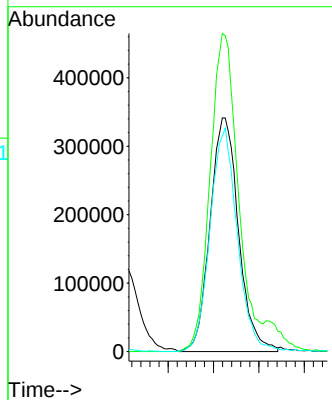
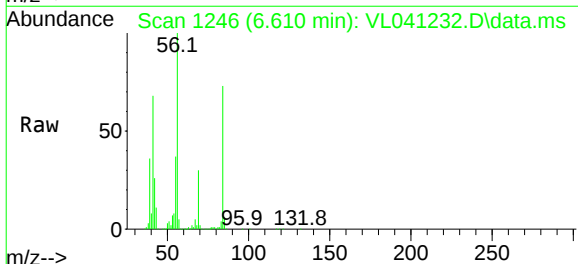
Tgt Ion: 84 Resp: 742340

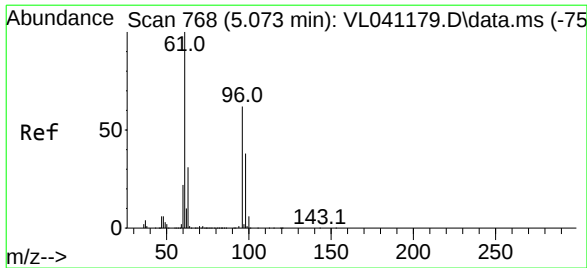
Ion Ratio Lower Upper

84 100

56 142.6 116.8 175.2

41 92.5 73.8 110.8





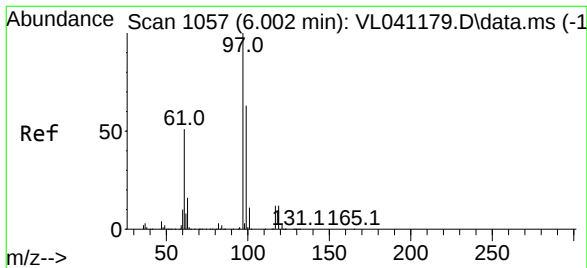
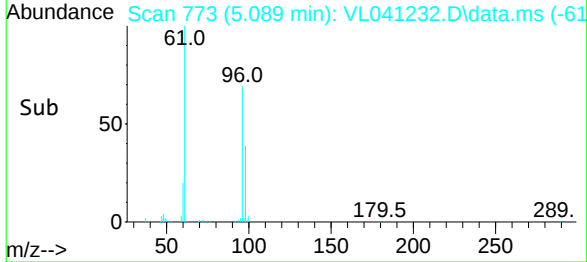
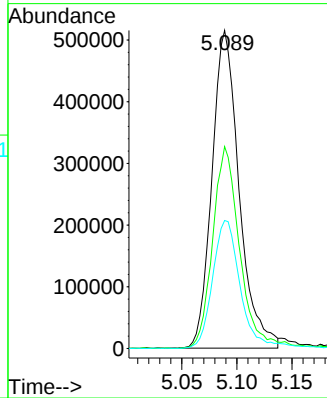
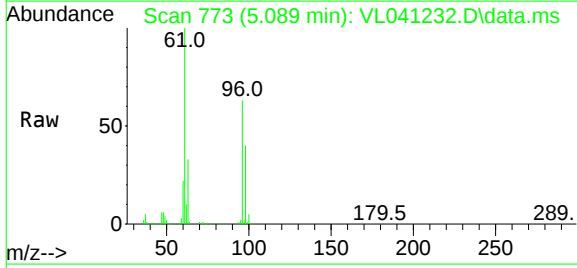
#31
cis-1,2-Dichloroethene
Concen: 10.196 ppbv
RT: 5.089 min Scan# 77
Delta R.T. 0.016 min
Lab File: VL041232.D
Acq: 7 May 2024 8:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:	61	Resp:	882525
Ion	Ratio	Lower	Upper
61	100		
96	63.5	49.8	74.6
98	40.2	30.0	45.0

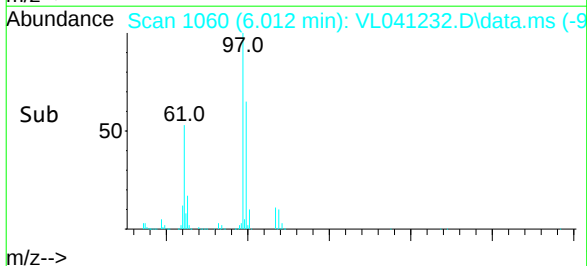
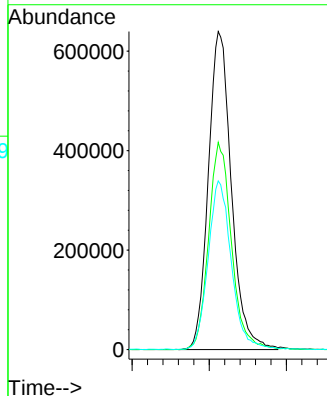
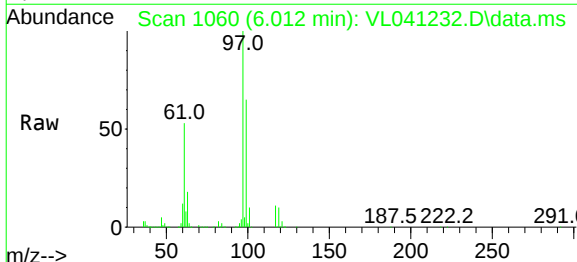
Manual Integrations
APPROVED

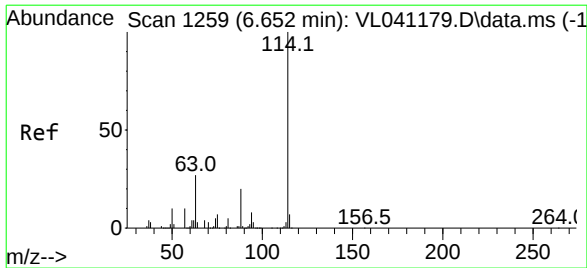
Reviewed By :Mahesh Dadoda 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#32
1,1,1-Trichloroethane
Concen: 10.439 ppbv
RT: 6.012 min Scan# 1060
Delta R.T. 0.010 min
Lab File: VL041232.D
Acq: 7 May 2024 8:46

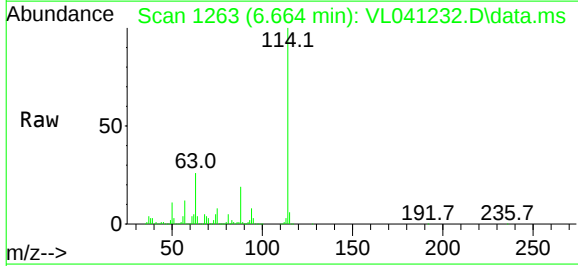
Tgt Ion:	97	Resp:	1328517
Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.7	77.5
61	53.5	41.1	61.7





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.664 min Scan# 12
Delta R.T. 0.013 min
Lab File: VL041232.D
Acq: 7 May 2024 8:46

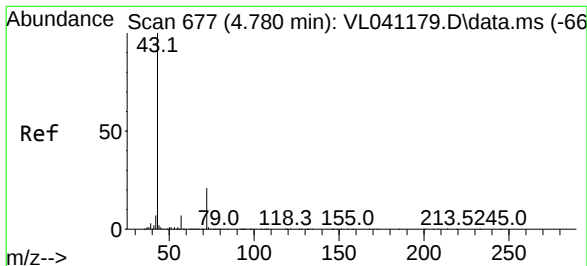
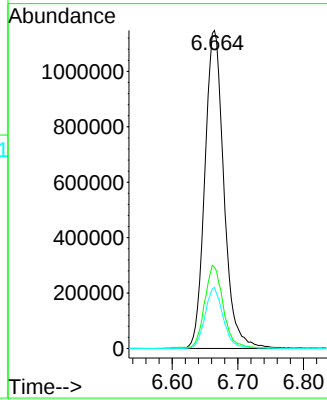
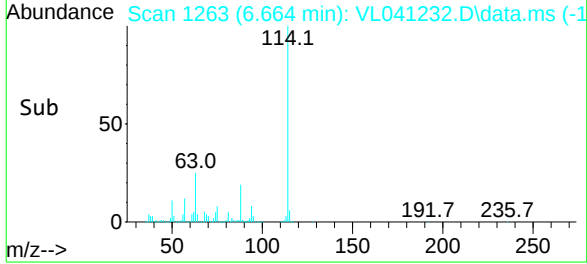
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:114 Resp: 2312774
Ion Ratio Lower Upper
114 100
63 26.0 21.8 32.6
88 18.4 15.2 22.8

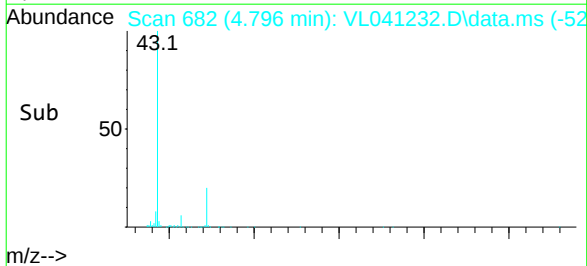
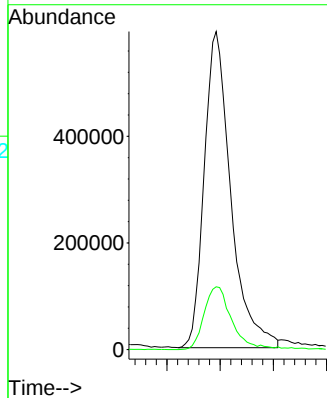
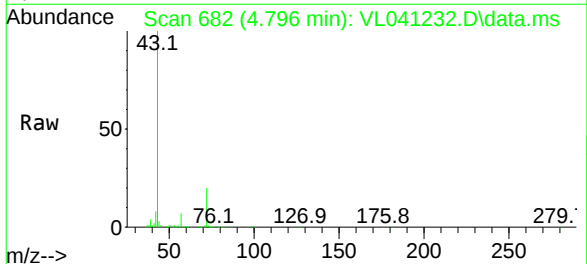
Manual Integrations
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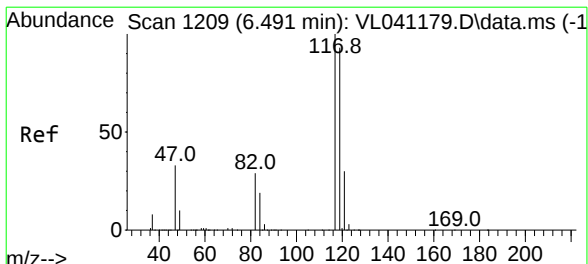
Reviewed By :Mahesh Dadoda 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#34
2-Butanone
Concen: 8.763 ppbv
RT: 4.796 min Scan# 682
Delta R.T. 0.016 min
Lab File: VL041232.D
Acq: 7 May 2024 8:46

Tgt Ion: 43 Resp: 1031576
Ion Ratio Lower Upper
43 100
72 21.3 17.3 25.9





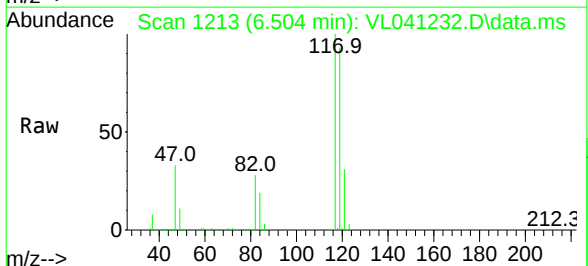
#35
Carbon Tetrachloride
Concen: 10.388 ppbv
RT: 6.504 min Scan# 1213
Delta R.T. 0.013 min
Lab File: VL041232.D
Acq: 7 May 2024 8:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

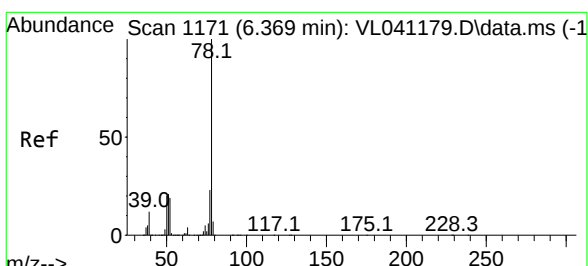
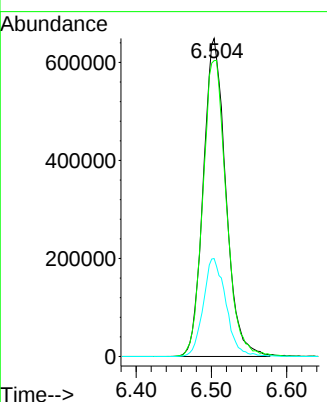
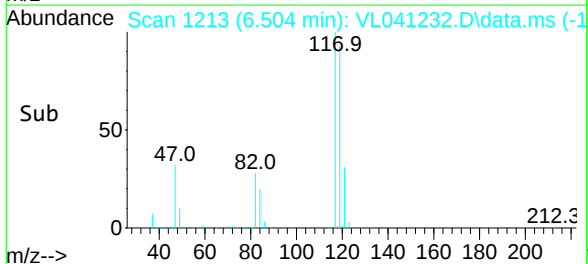


Tgt Ion: 117 Resp: 1348275

Ion	Ratio	Lower	Upper
117	100		
119	93.0	74.3	111.5
121	30.8	23.8	35.8

Manual Integrations
APPROVED

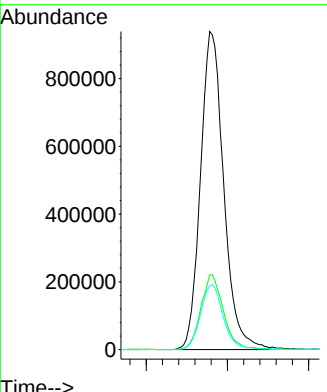
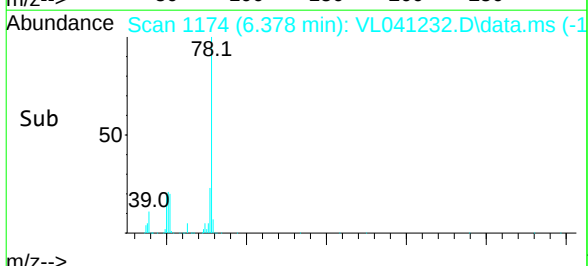
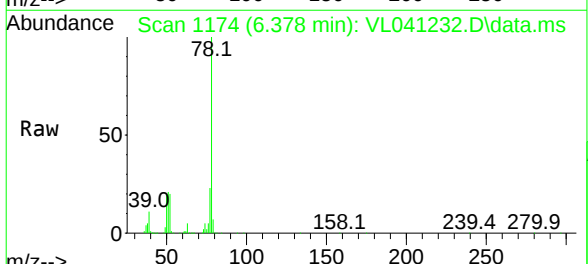
Reviewed By :Mahesh Dadoda 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024

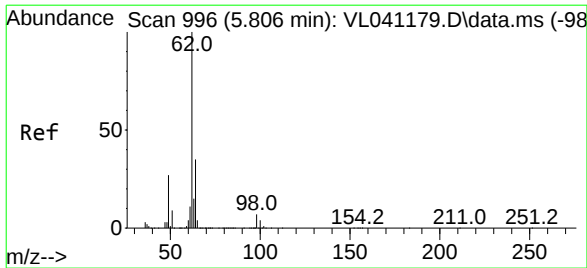


#36
Benzene
Concen: 9.601 ppbv
RT: 6.378 min Scan# 1174
Delta R.T. 0.010 min
Lab File: VL041232.D
Acq: 7 May 2024 8:46

Tgt Ion: 78 Resp: 1863458

Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.3	27.5
50	19.9	15.9	23.9





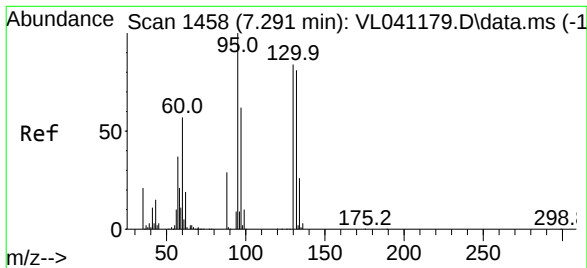
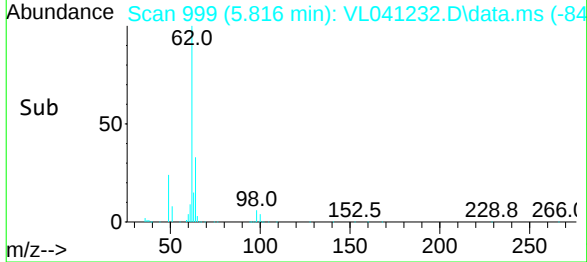
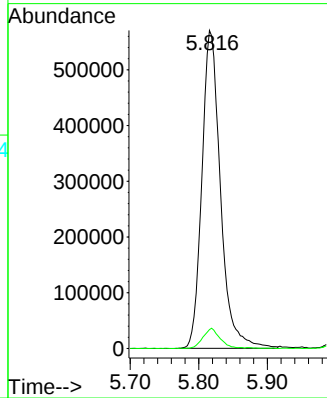
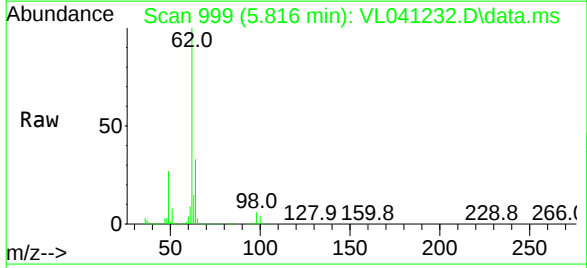
#37
1,2-Dichloroethane
Concen: 10.622 ppbv
RT: 5.816 min Scan# 99
Delta R.T. 0.010 min
Lab File: VL041232.D
Acq: 7 May 2024 8:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 62 Resp: 1075664
Ion Ratio Lower Upper
62 100
98 6.1 5.0 7.4

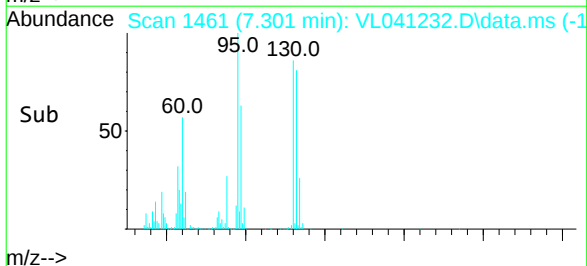
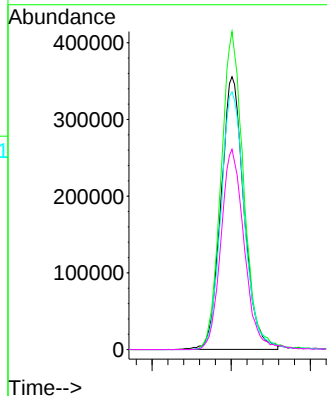
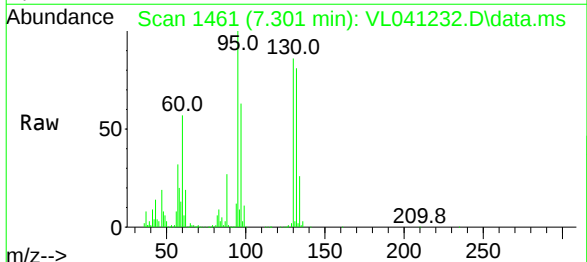
Manual Integrations
APPROVED

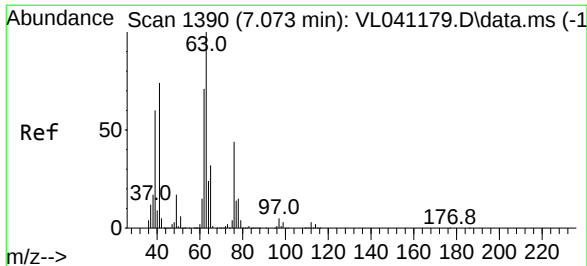
Reviewed By :Mahesh Dadoda 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#38
Trichloroethene
Concen: 9.919 ppbv
RT: 7.301 min Scan# 1461
Delta R.T. 0.010 min
Lab File: VL041232.D
Acq: 7 May 2024 8:46

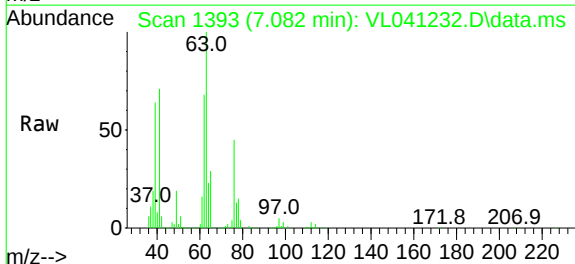
Tgt Ion:130 Resp: 717420
Ion Ratio Lower Upper
130 100
95 116.7 95.0 142.6
132 94.5 77.0 115.4
97 73.5 59.1 88.7





#39
1,2-Dichloropropane
Concen: 9.741 ppbv
RT: 7.082 min Scan# 1390
Delta R.T. 0.010 min
Lab File: VL041232.D
Acq: 7 May 2024 8:46

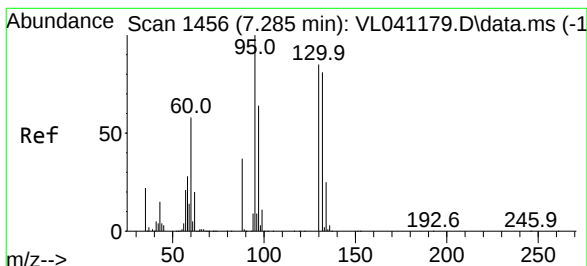
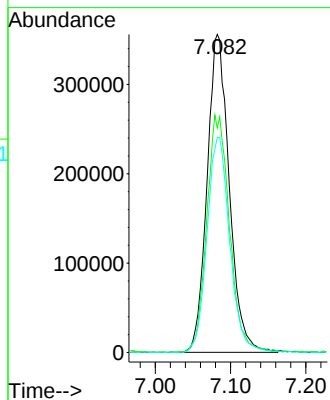
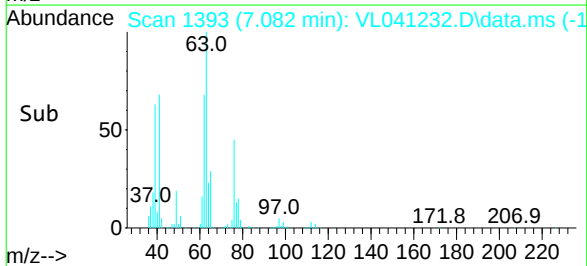
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



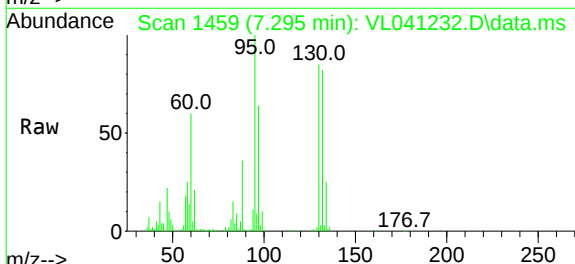
Tgt Ion: 63 Resp: 728612
Ion Ratio Lower Upper
63 100
41 70.4 59.4 89.0
62 67.7 56.8 85.2

Manual Integrations
APPROVED

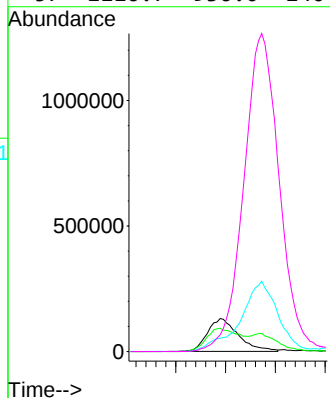
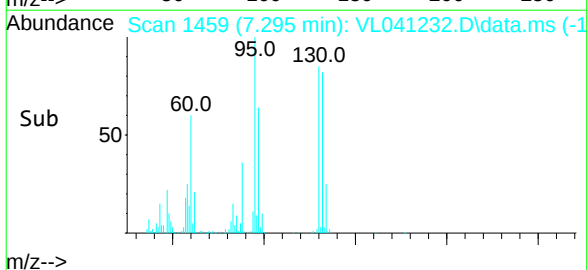
Reviewed By :Mahesh Dadoda 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024

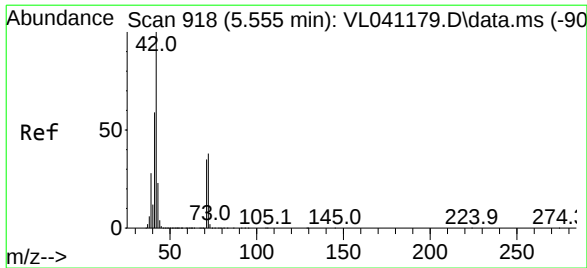


#40
1,4-Dioxane
Concen: 10.583 ppbv
RT: 7.295 min Scan# 1459
Delta R.T. 0.010 min
Lab File: VL041232.D
Acq: 7 May 2024 8:46



Tgt Ion: 88 Resp: 282802
Ion Ratio Lower Upper
88 100
58 126.0 106.1 159.1
43 259.1 219.8 329.6
57 1116.7 936.0 1404.0





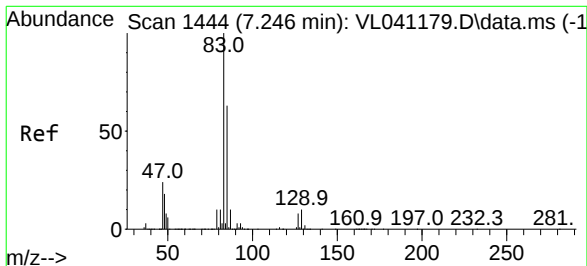
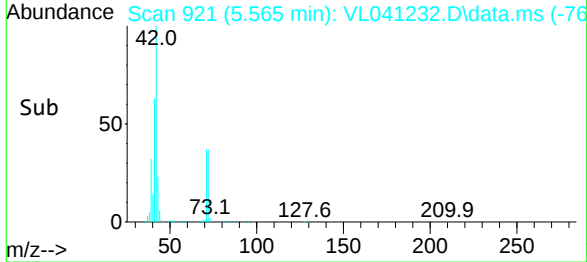
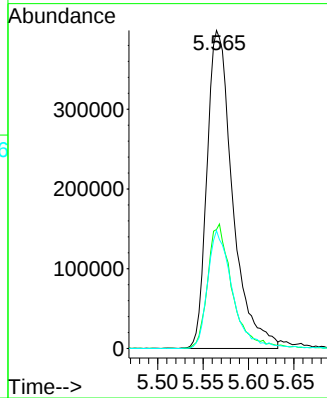
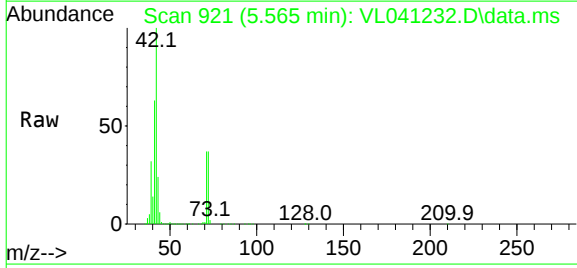
#41
Tetrahydrofuran
Concen: 9.170 ppbv
RT: 5.565 min Scan# 92
Delta R.T. 0.010 min
Lab File: VL041232.D
Acq: 7 May 2024 8:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 42 Resp: 781472
Ion Ratio Lower Upper
42 100
72 38.1 29.4 44.0
71 36.3 29.1 43.7

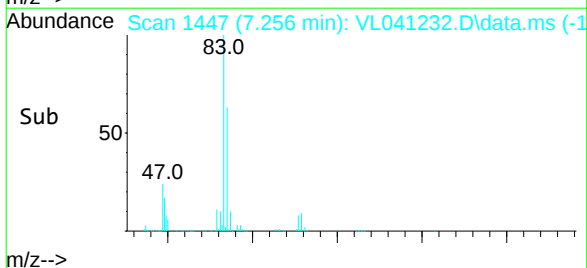
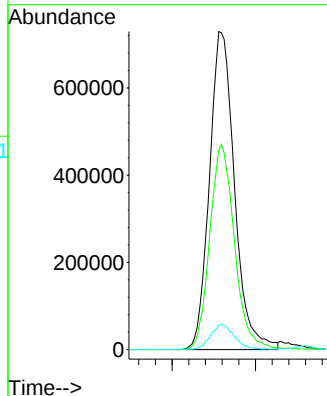
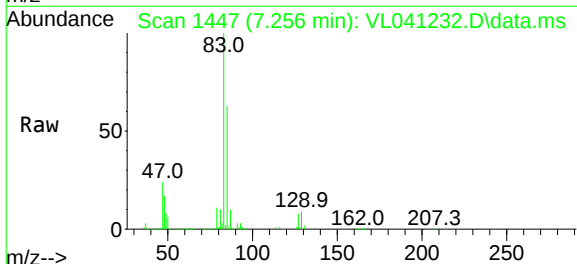
Manual Integrations
APPROVED

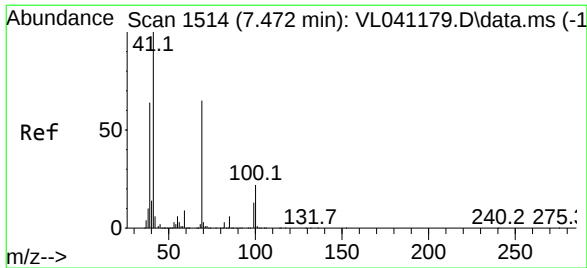
Reviewed By :Mahesh Dadoda 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#42
Bromodichloromethane
Concen: 10.493 ppbv
RT: 7.256 min Scan# 1447
Delta R.T. 0.010 min
Lab File: VL041232.D
Acq: 7 May 2024 8:46

Tgt Ion: 83 Resp: 1523943
Ion Ratio Lower Upper
83 100
85 63.0 50.6 75.8
127 7.6 6.2 9.4





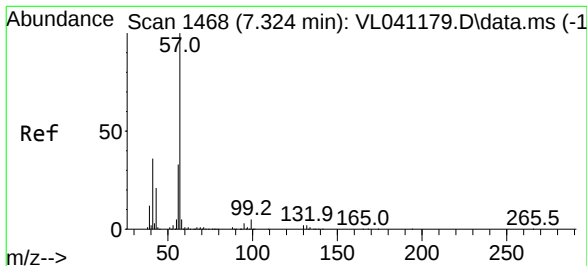
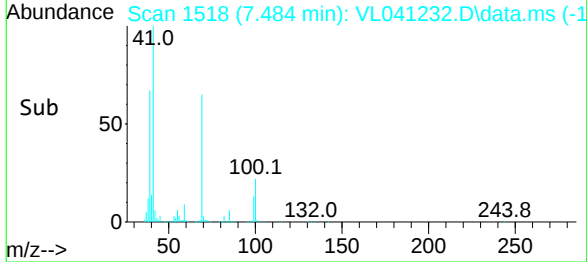
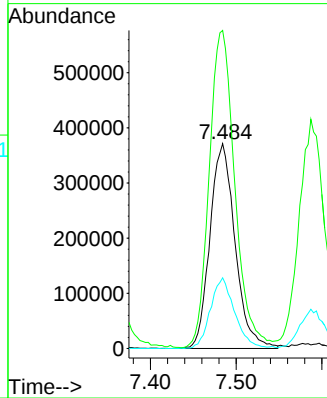
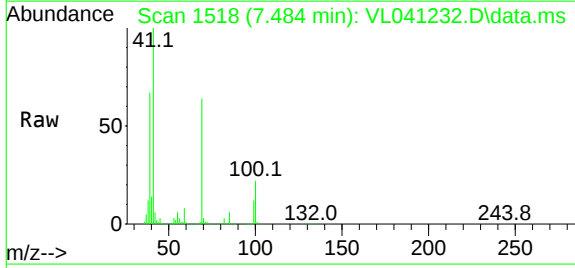
#43
Methyl Methacrylate
Concen: 9.638 ppbv
RT: 7.484 min Scan# 1514
Delta R.T. 0.013 min
Lab File: VL041232.D
Acq: 7 May 2024 8:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 69 Resp: 756578
Ion Ratio Lower Upper
69 100
41 158.5 125.2 187.8
100 33.4 26.7 40.1

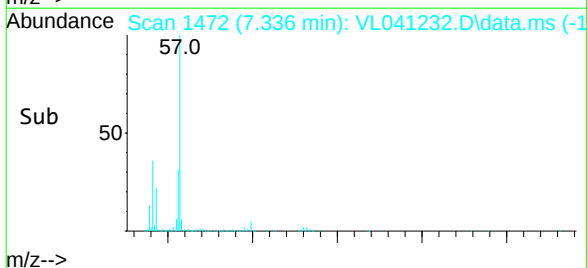
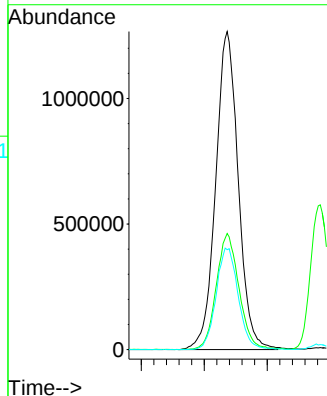
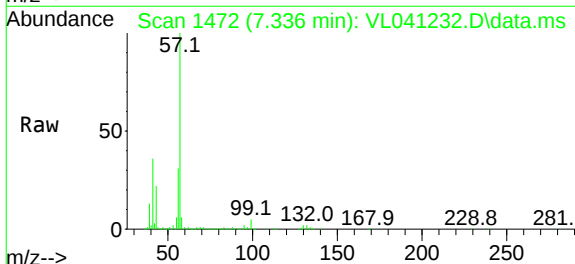
Manual Integrations
APPROVED

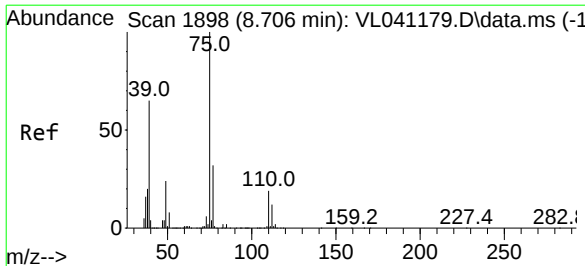
Reviewed By :Mahesh Dadoda 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#44
2,2,4-Trimethylpentane
Concen: 9.410 ppbv
RT: 7.336 min Scan# 1472
Delta R.T. 0.013 min
Lab File: VL041232.D
Acq: 7 May 2024 8:46

Tgt Ion: 57 Resp: 3149046
Ion Ratio Lower Upper
57 100
41 36.8 29.5 44.3
56 31.4 25.3 37.9





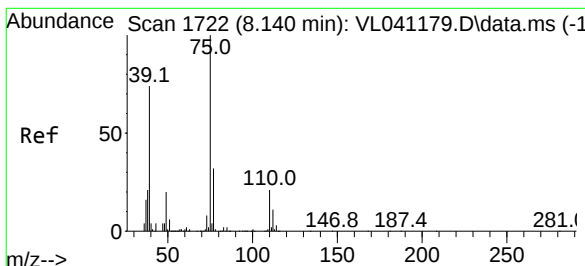
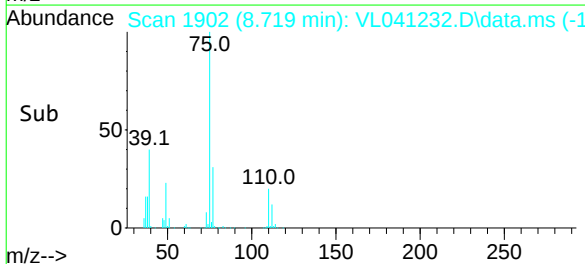
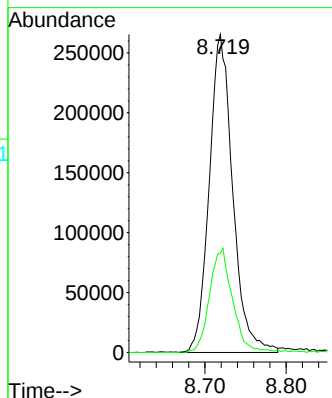
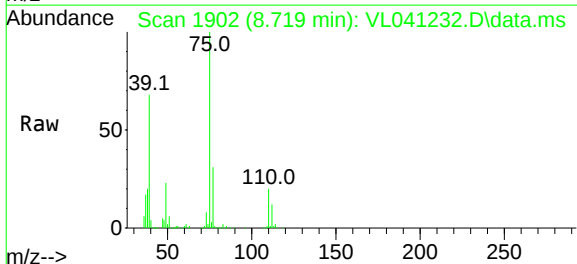
#45
t-1,3-Dichloropropene
Concen: 9.376 ppbv
RT: 8.719 min Scan# 19
Delta R.T. 0.013 min
Lab File: VL041232.D
Acq: 7 May 2024 8:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 75 Resp: 533341
Ion Ratio Lower Upper
75 100
77 31.2 25.6 38.4

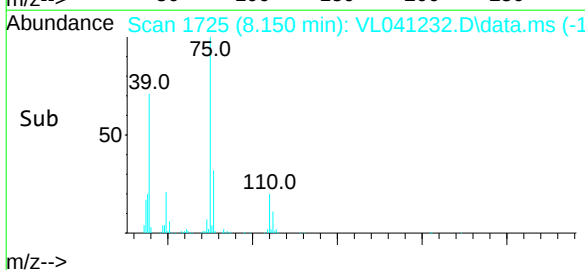
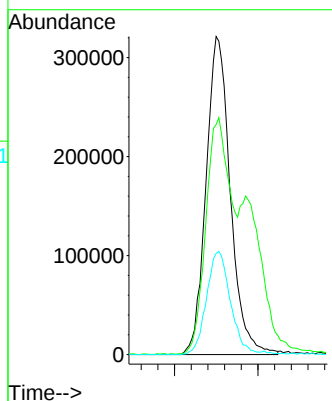
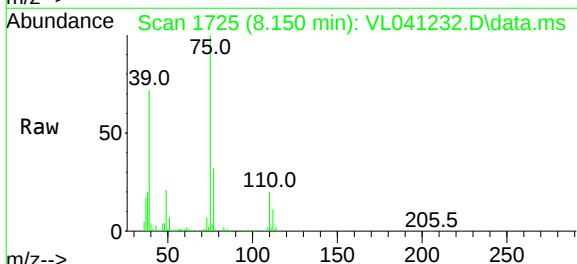
Manual Integrations
APPROVED

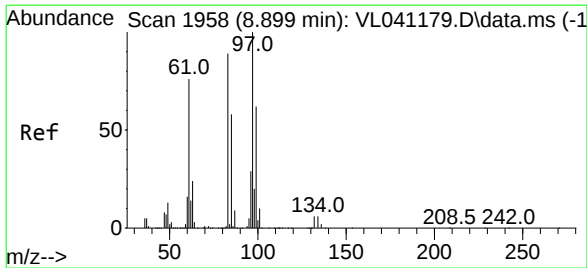
Reviewed By :Mahesh Dadoda 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#46
cis-1,3-Dichloropropene
Concen: 9.333 ppbv
RT: 8.150 min Scan# 1725
Delta R.T. 0.010 min
Lab File: VL041232.D
Acq: 7 May 2024 8:46

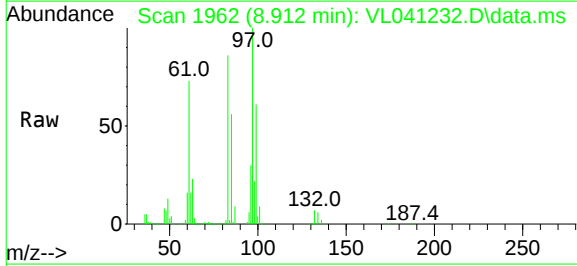
Tgt Ion: 75 Resp: 649939
Ion Ratio Lower Upper
75 100
39 72.0 59.4 89.2
77 31.8 25.9 38.9





#47
1,1,2-Trichloroethane
Concen: 10.141 ppbv
RT: 8.912 min Scan# 1958
Delta R.T. 0.013 min
Lab File: VL041232.D
Acq: 7 May 2024 8:46

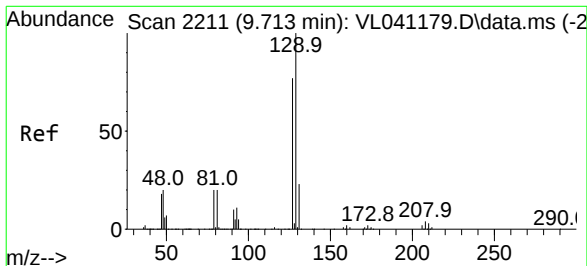
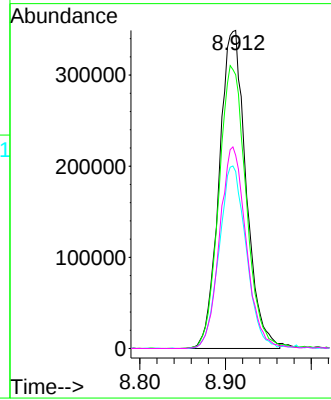
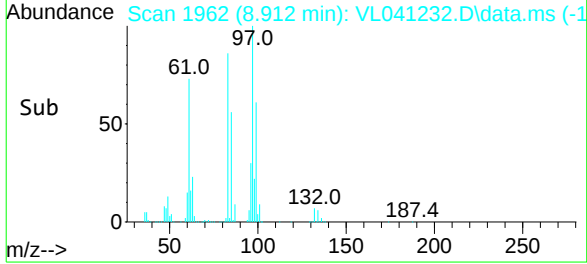
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



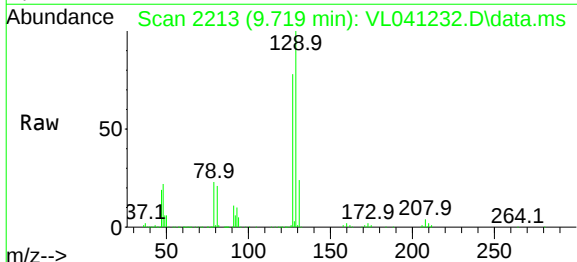
Tgt Ion: 97 Resp: 759245
Ion Ratio Lower Upper
97 100
83 86.1 71.2 106.8
85 55.6 46.0 69.0
99 60.7 49.7 74.5

Manual Integrations
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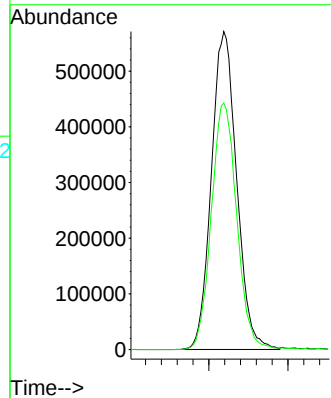
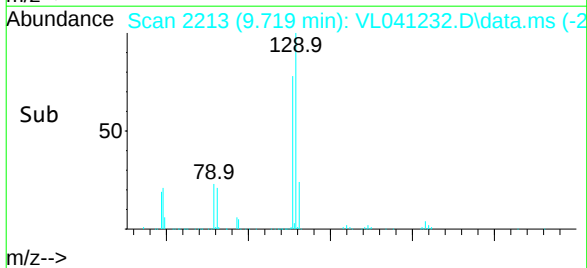
Reviewed By :Mahesh Dadoda 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024

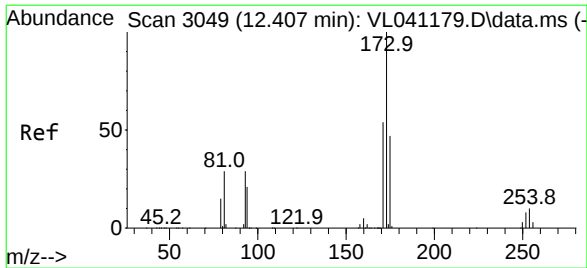


#48
Dibromochloromethane
Concen: 10.614 ppbv
RT: 9.719 min Scan# 2213
Delta R.T. 0.006 min
Lab File: VL041232.D
Acq: 7 May 2024 8:46



Tgt Ion:129 Resp: 1266098
Ion Ratio Lower Upper
129 100
127 78.1 39.1 117.5





#49

Bromoform

Concen: 10.529 ppbv

RT: 12.417 min Scan# 3049

Delta R.T. 0.010 min

Lab File: VL041232.D

Acq: 7 May 2024 8:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:173 Resp: 1068477

Ion Ratio Lower Upper

173 100

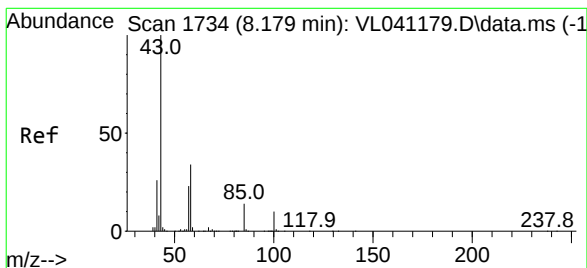
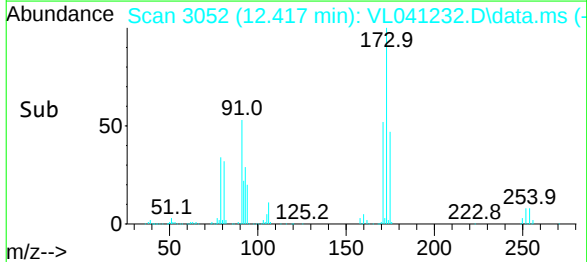
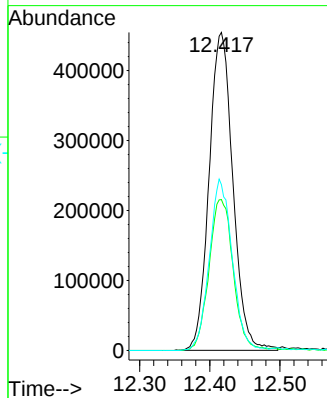
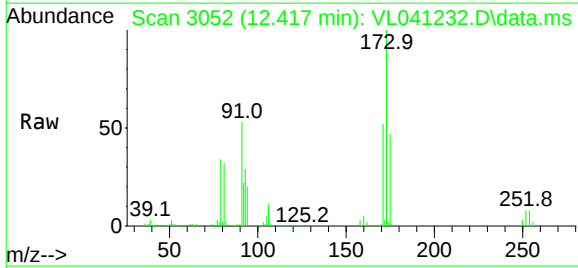
175 48.7 39.8 59.8

171 52.9 41.8 62.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#50

4-Methyl-2-Pentanone

Concen: 9.216 ppbv

RT: 8.185 min Scan# 1736

Delta R.T. 0.006 min

Lab File: VL041232.D

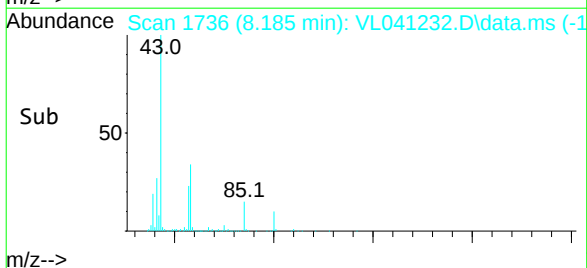
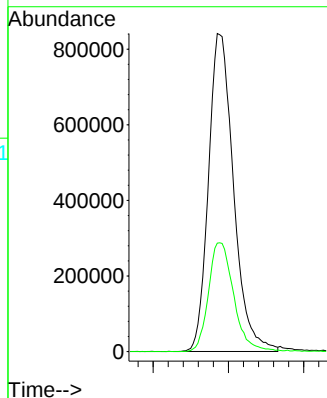
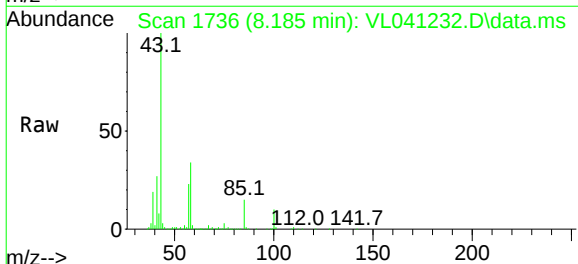
Acq: 7 May 2024 8:46

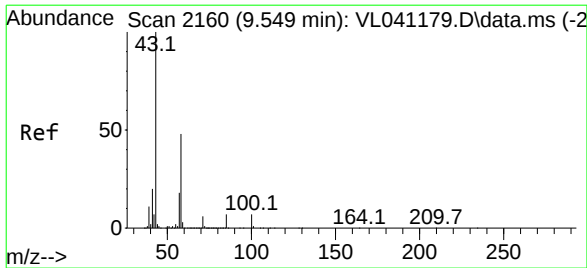
Tgt Ion: 43 Resp: 1946905

Ion Ratio Lower Upper

43 100

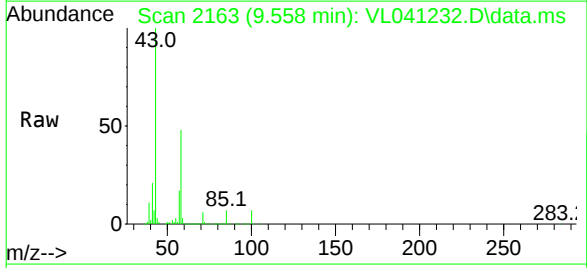
58 34.7 27.7 41.5





#51
2-Hexanone
Concen: 9.047 ppbv
RT: 9.558 min Scan# 2160
Delta R.T. 0.010 min
Lab File: VL041232.D
Acq: 7 May 2024 8:46

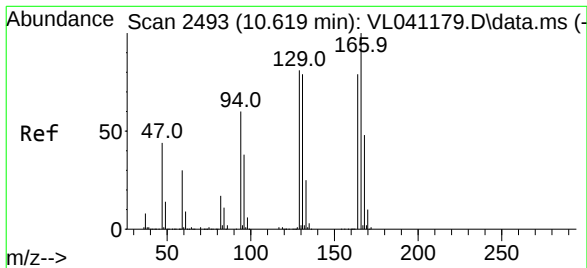
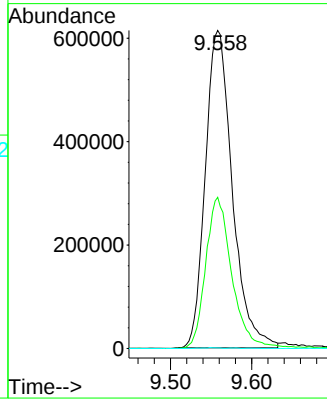
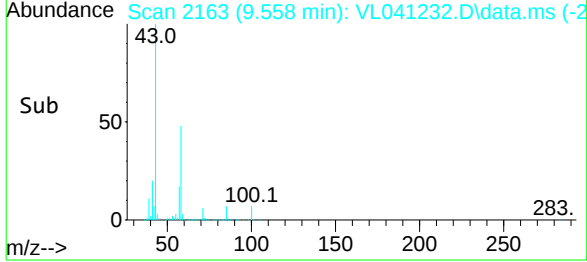
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



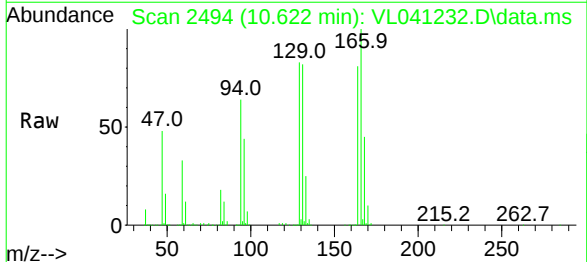
Tgt Ion: 43 Resp: 1417630
Ion Ratio Lower Upper
43 100
58 47.0 38.4 57.6
98 0.2 0.0 0.0

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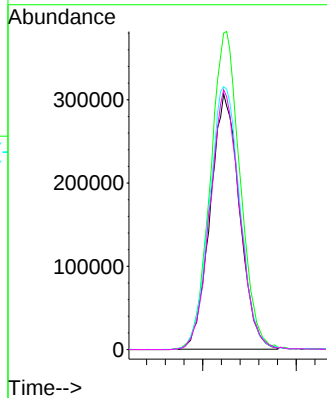
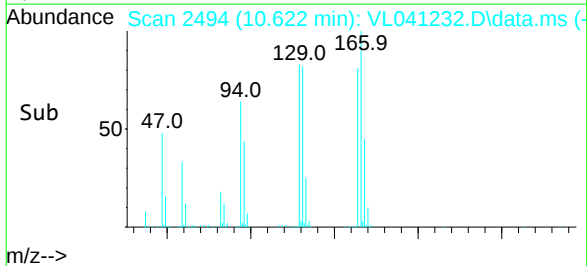
Reviewed By :Mahesh Dadoda 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024

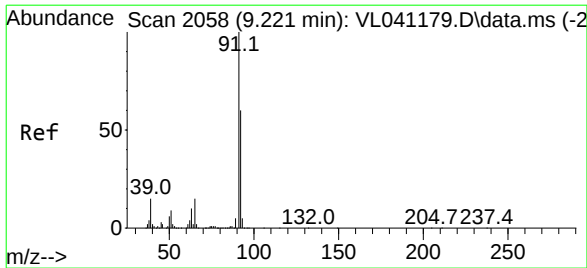


#52
Tetrachloroethene
Concen: 9.787 ppbv
RT: 10.622 min Scan# 2494
Delta R.T. 0.003 min
Lab File: VL041232.D
Acq: 7 May 2024 8:46



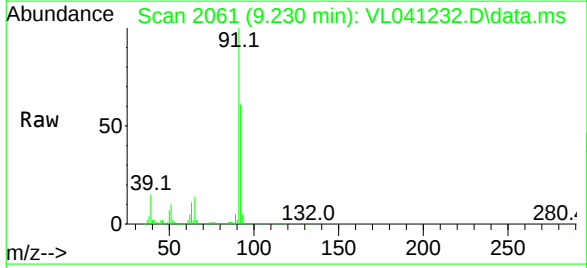
Tgt Ion:164 Resp: 667613
Ion Ratio Lower Upper
164 100
166 123.5 101.1 151.7
129 102.5 81.7 122.5
131 101.4 80.4 120.6





#53
Toluene
Concen: 9.676 ppbv
RT: 9.230 min Scan# 2058
Delta R.T. 0.010 min
Lab File: VL041232.D
Acq: 7 May 2024 8:46

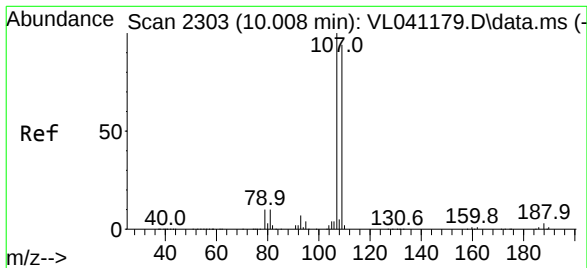
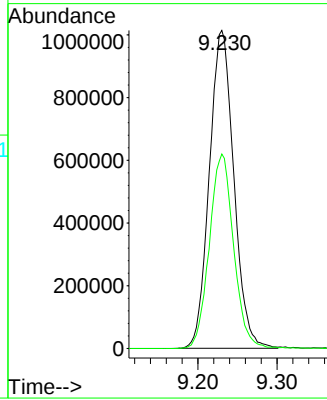
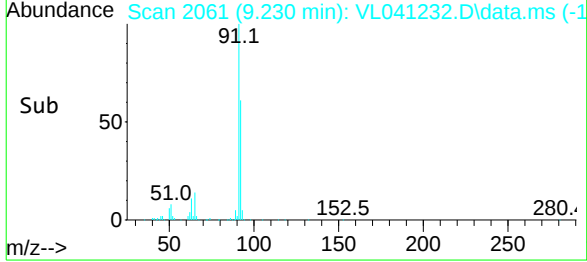
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



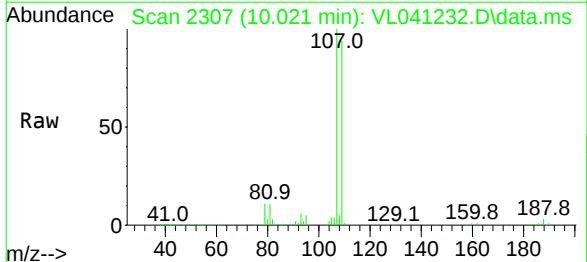
Tgt Ion: 91 Resp: 2177514
Ion Ratio Lower Upper
91 100
92 60.8 48.2 72.4

Manual Integrations
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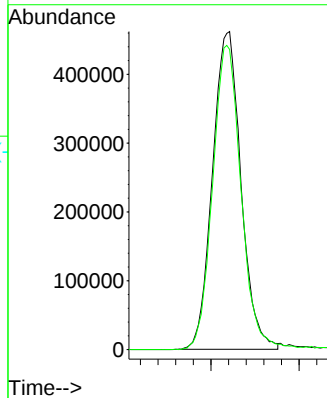
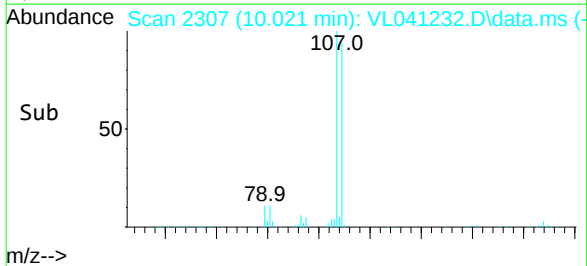
Reviewed By :Mahesh Dadoda 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024

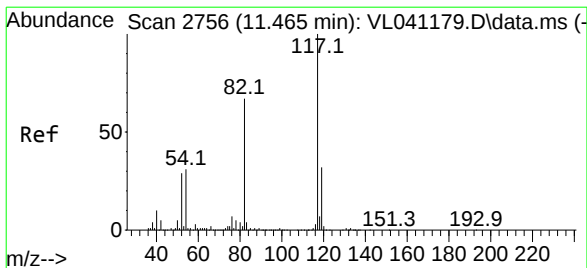


#54
1,2-Dibromoethane
Concen: 10.206 ppbv
RT: 10.021 min Scan# 2307
Delta R.T. 0.013 min
Lab File: VL041232.D
Acq: 7 May 2024 8:46



Tgt Ion:107 Resp: 1034955
Ion Ratio Lower Upper
107 100
109 94.4 75.2 112.8





#55

Chlorobenzene-d5

Concen: 10.000 ppbv m

RT: 11.474 min Scan# 2756

Delta R.T. 0.010 min

Lab File: VL041232.D

Acq: 7 May 2024 8:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:117 Resp: 2440150

Ion Ratio Lower Upper

117 100

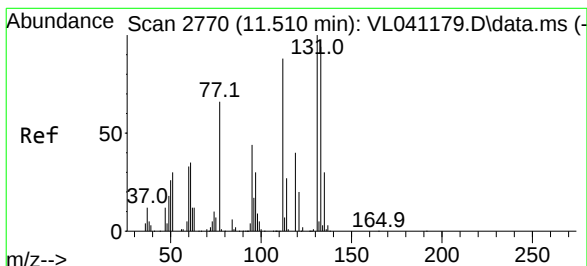
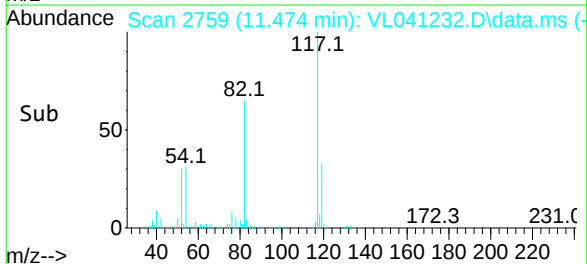
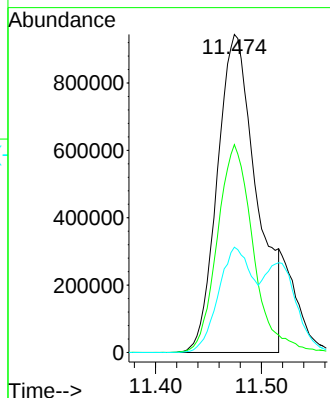
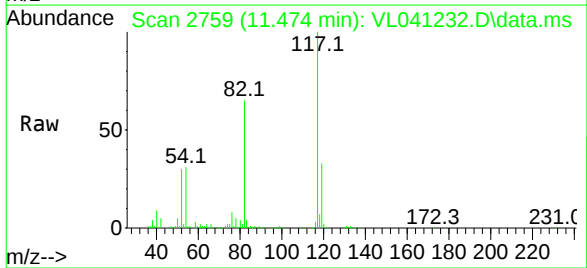
82 60.1 53.6 80.4

119 28.7 27.2 40.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#56

1,1,1,2-Tetrachloroethane

Concen: 9.361 ppbv

RT: 11.519 min Scan# 2773

Delta R.T. 0.010 min

Lab File: VL041232.D

Acq: 7 May 2024 8:46

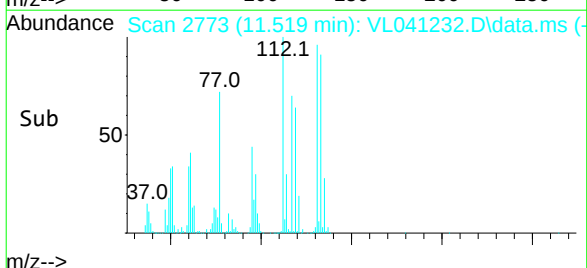
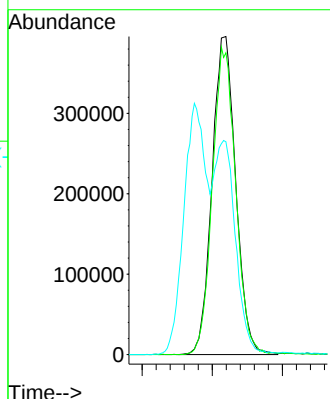
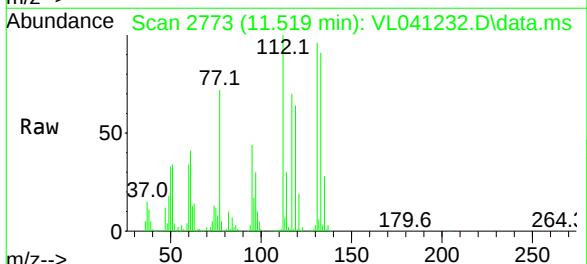
Tgt Ion:131 Resp: 926243

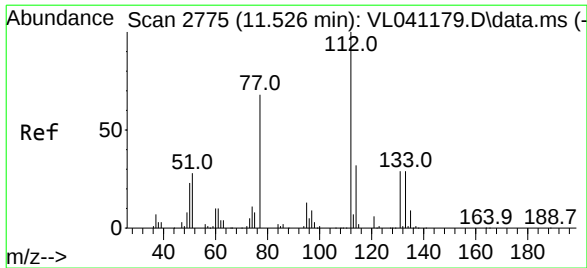
Ion Ratio Lower Upper

131 100

133 95.7 76.3 114.5

119 58.4 49.4 74.2





#57

Chlorobenzene

Concen: 9.055 ppbv

RT: 11.536 min Scan# 2775

Delta R.T. 0.010 min

Lab File: VL041232.D

Acq: 7 May 2024 8:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:112 Resp: 1618121

Ion Ratio Lower Upper

112 100

77 68.3 54.9 82.3

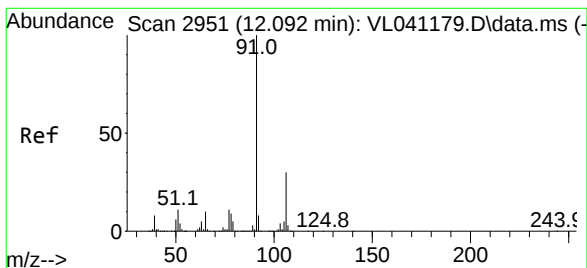
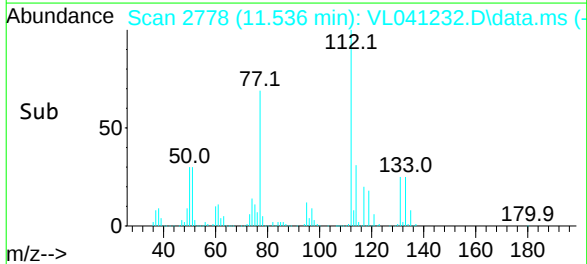
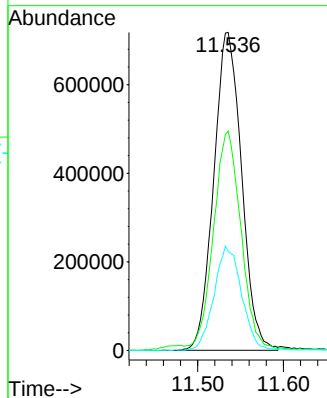
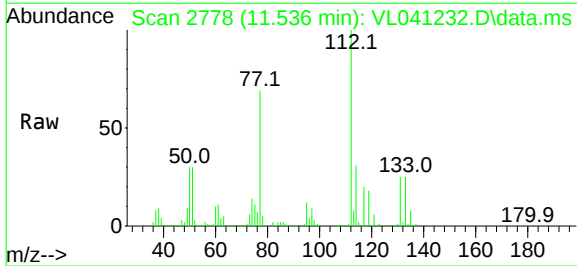
114 31.1 28.7 35.1

Manual Integrations

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Reviewed By :Mahesh Dadoda 05/07/2024

Supervised By :Semsettin Yesilyurt 05/07/2024



#58

Ethyl Benzene

Concen: 8.761 ppbv

RT: 12.095 min Scan# 2952

Delta R.T. 0.003 min

Lab File: VL041232.D

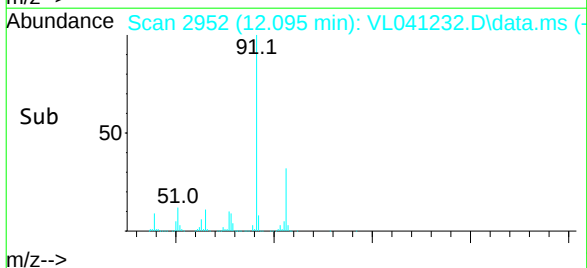
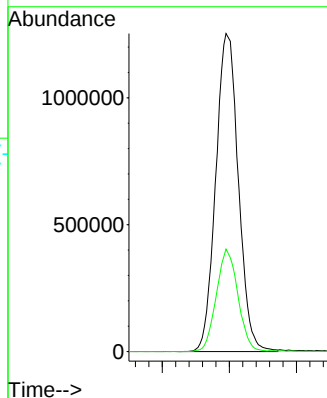
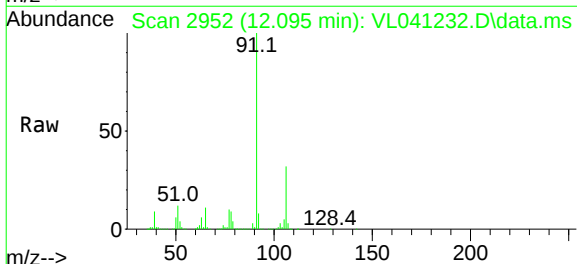
Acq: 7 May 2024 8:46

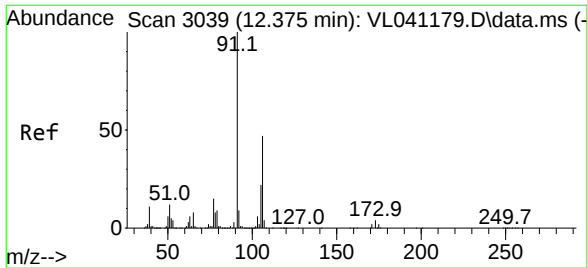
Tgt Ion: 91 Resp: 2931204

Ion Ratio Lower Upper

91 100

106 32.2 24.3 36.5





#59

m/p-Xylene

Concen: 17.431 ppbv m

RT: 12.378 min Scan# 3039

Delta R.T. 0.003 min

Lab File: VL041232.D

Acq: 7 May 2024 8:46

Tgt Ion: 91 Resp: 4901713

Ion Ratio Lower Upper

91 100

106 45.2 35.7 53.5

Instrument :

MSVOA_L

ClientSampleId :

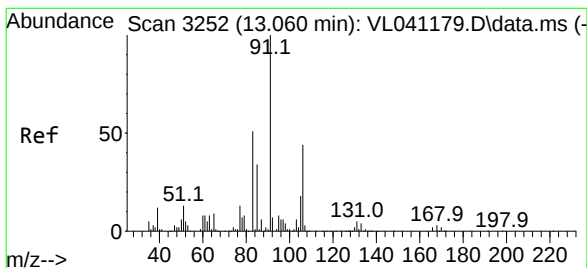
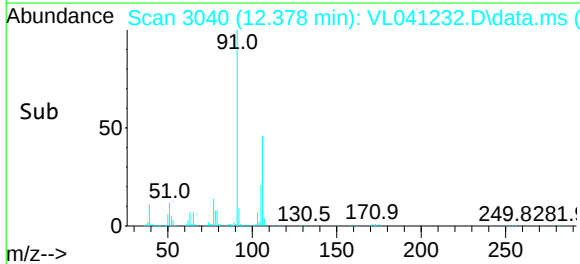
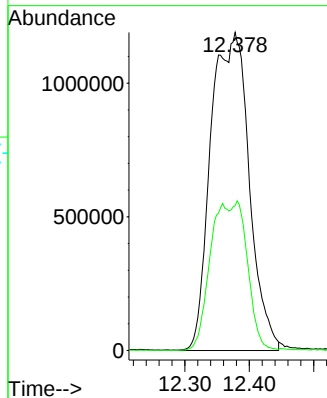
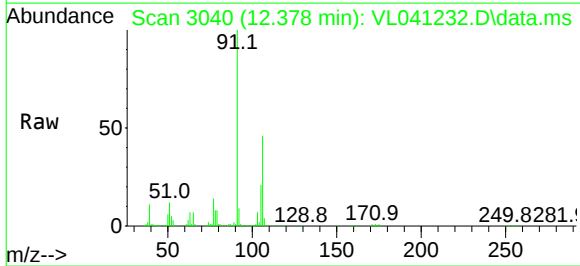
VSTDCCC010EC

Manual Integrations

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Reviewed By :Mahesh Dadoda 05/07/2024

Supervised By :Semsettin Yesilyurt 05/07/2024



#60

o-Xylene

Concen: 8.801 ppbv

RT: 13.069 min Scan# 3255

Delta R.T. 0.010 min

Lab File: VL041232.D

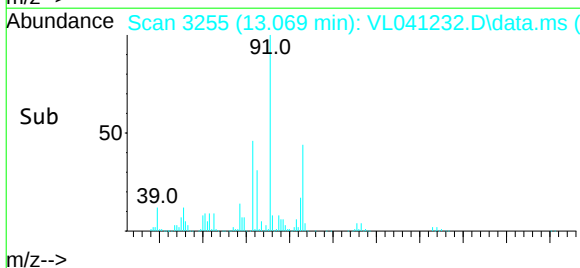
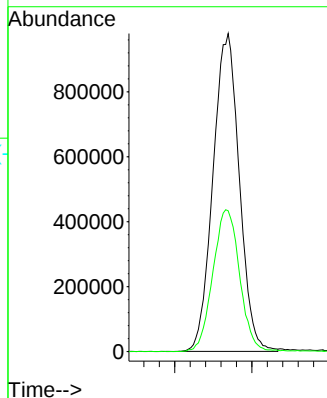
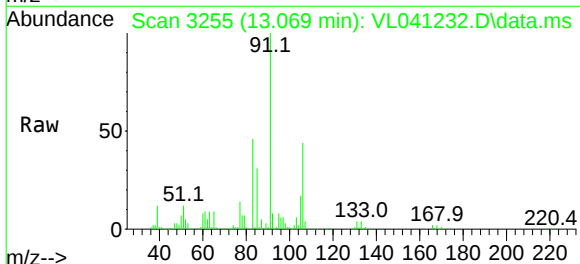
Acq: 7 May 2024 8:46

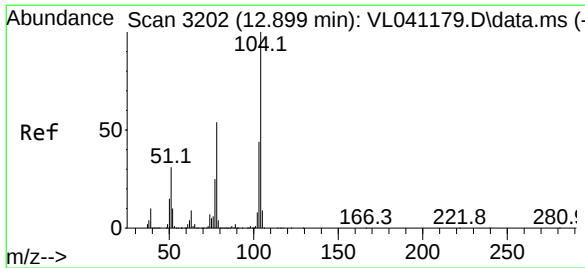
Tgt Ion: 91 Resp: 2319989

Ion Ratio Lower Upper

91 100

106 45.7 22.4 67.3





#61

Styrene

Concen: 9.036 ppbv

RT: 12.905 min Scan# 3202

Delta R.T. 0.006 min

Lab File: VL041232.D

Acq: 7 May 2024 8:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:104 Resp: 1258314

Ion Ratio Lower Upper

104 100

78 52.4 42.6 63.8

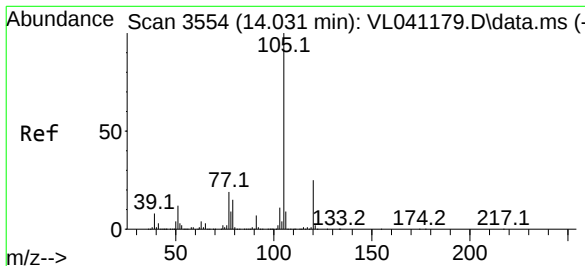
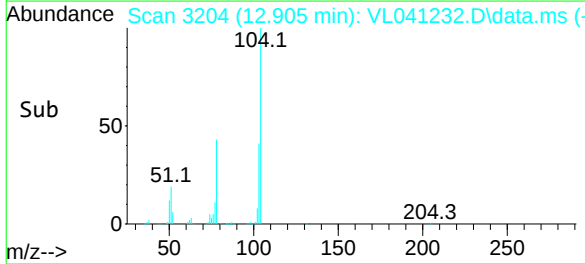
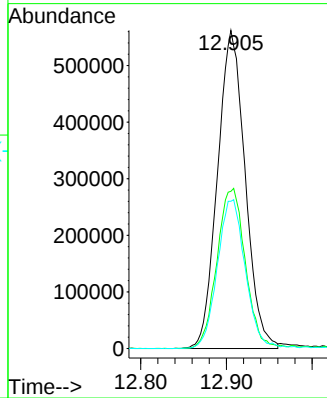
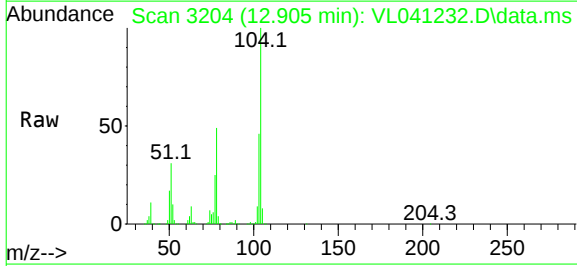
103 47.6 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/07/2024

Supervised By :Semsettin Yesilyurt 05/07/2024



#62

Isopropylbenzene

Concen: 8.802 ppbv

RT: 14.037 min Scan# 3556

Delta R.T. 0.006 min

Lab File: VL041232.D

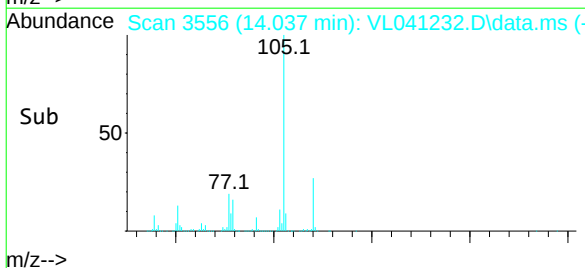
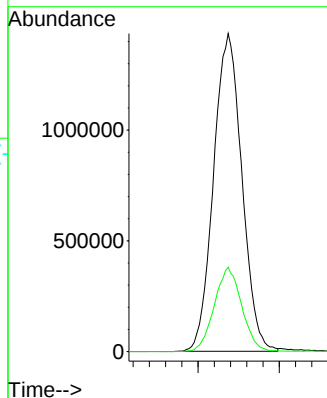
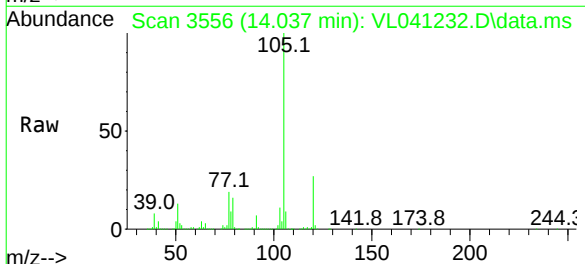
Acq: 7 May 2024 8:46

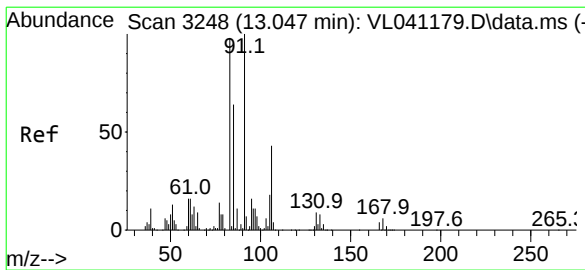
Tgt Ion:105 Resp: 3470665

Ion Ratio Lower Upper

105 100

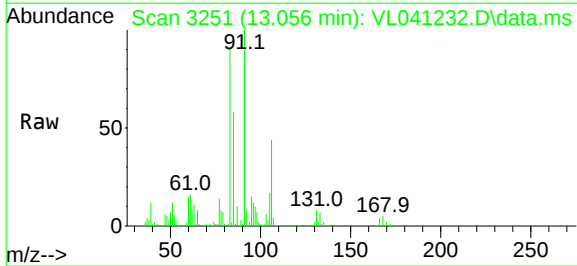
120 25.7 20.2 30.2





#63
1,1,2,2-Tetrachloroethane
Concen: 9.103 ppbv
RT: 13.056 min Scan# 3248
Delta R.T. 0.010 min
Lab File: VL041232.D
Acq: 7 May 2024 8:46

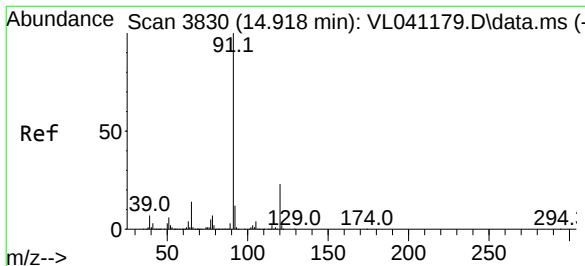
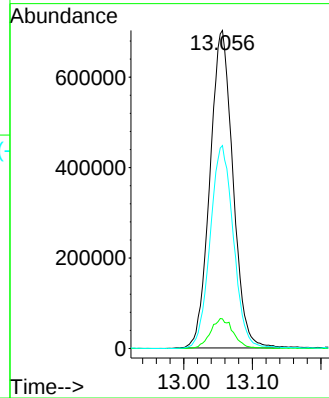
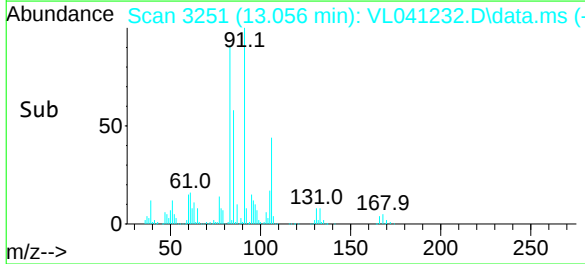
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 83 Resp: 1635529
Ion Ratio Lower Upper
83 100
131 9.5 4.5 13.5
85 65.3 32.7 98.1

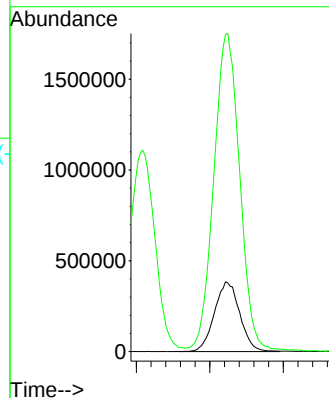
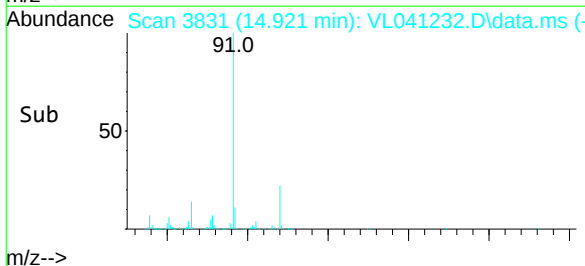
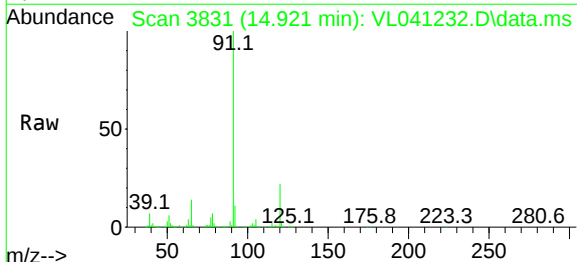
Manual Integrations
APPROVED

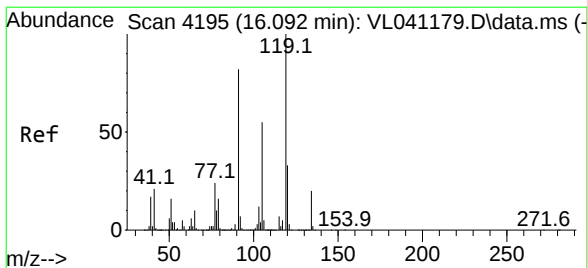
Reviewed By :Mahesh Dadoda 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#64
n-propylbenzene
Concen: 9.328 ppbv
RT: 14.921 min Scan# 3831
Delta R.T. 0.003 min
Lab File: VL041232.D
Acq: 7 May 2024 8:46

Tgt Ion:120 Resp: 917539
Ion Ratio Lower Upper
120 100
91 469.9 384.8 577.2





#65

tert-Butylbenzene

Concen: 8.663 ppbv

RT: 16.098 min Scan# 41

Delta R.T. 0.006 min

Lab File: VL041232.D

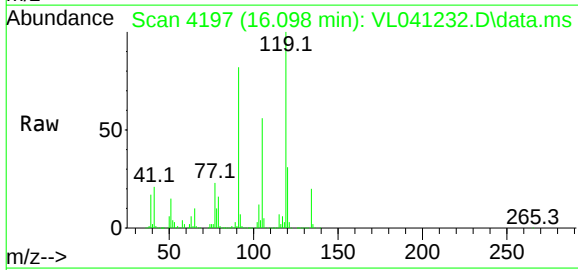
Acq: 7 May 2024 8:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion:119 Resp: 3059465

Ion Ratio Lower Upper

119 100

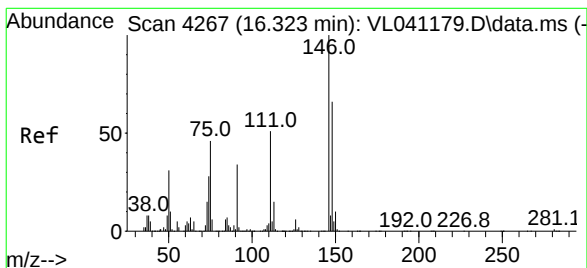
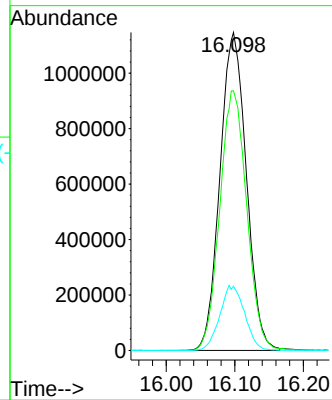
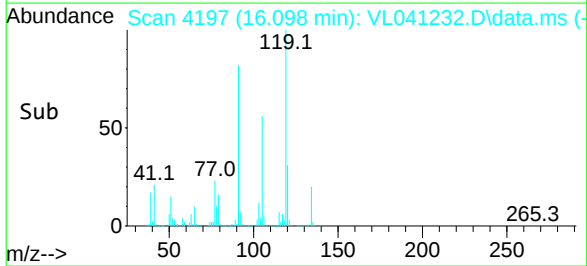
91 83.8 67.0 100.4

134 19.4 15.2 22.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#66

Benzyl Chloride

Concen: 4.294 ppbv

RT: 16.333 min Scan# 4270

Delta R.T. 0.010 min

Lab File: VL041232.D

Acq: 7 May 2024 8:46

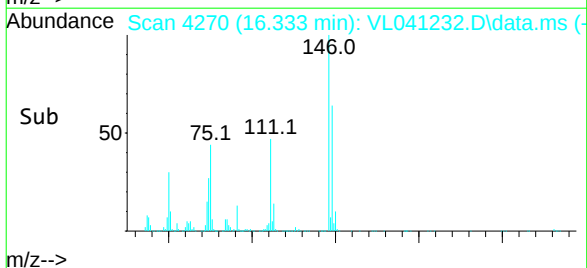
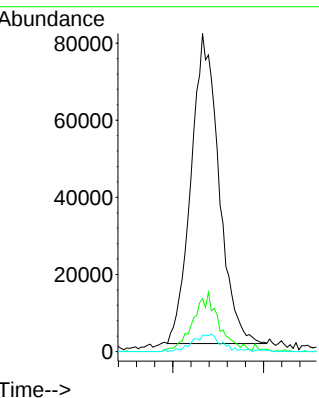
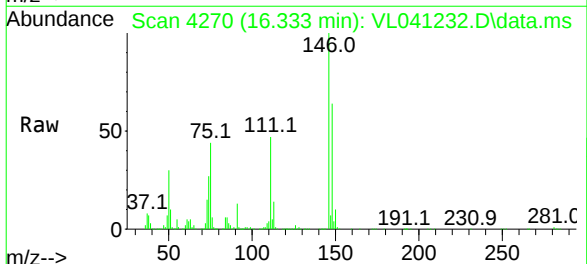
Tgt Ion: 91 Resp: 171648

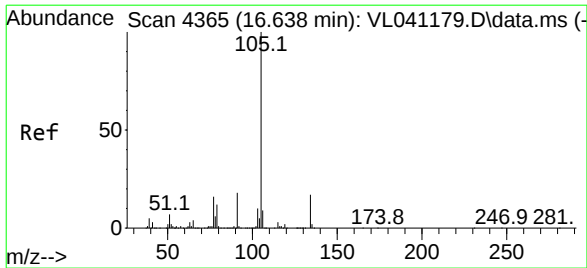
Ion Ratio Lower Upper

91 100

126 18.6 14.6 21.8

128 5.9 4.7 7.1





#67

sec-Butylbenzene

Concen: 8.745 ppbv

RT: 16.641 min Scan# 4365

Delta R.T. 0.003 min

Lab File: VL041232.D

Acq: 7 May 2024 8:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:105 Resp: 4347341

Ion Ratio Lower Upper

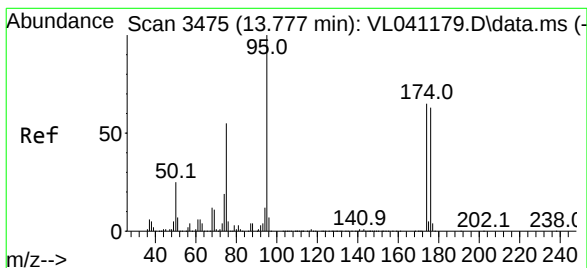
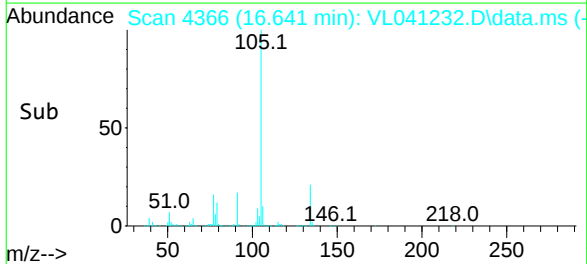
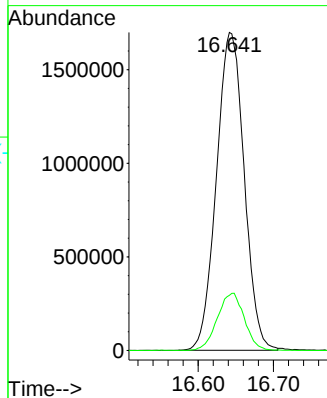
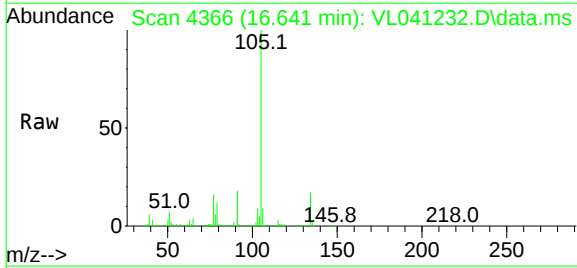
105 100

134 17.7 13.8 20.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#68

1-Bromo-4-Fluorobenzene

Concen: 9.330 ppbv

RT: 13.783 min Scan# 3477

Delta R.T. 0.006 min

Lab File: VL041232.D

Acq: 7 May 2024 8:46

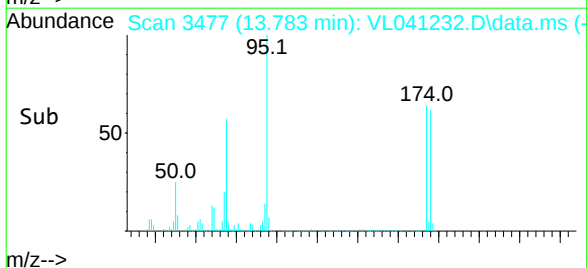
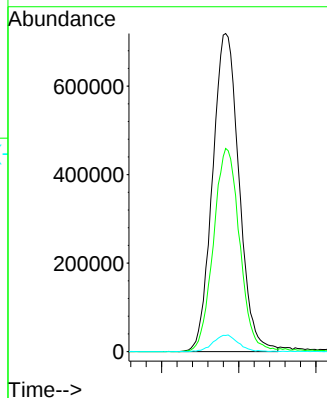
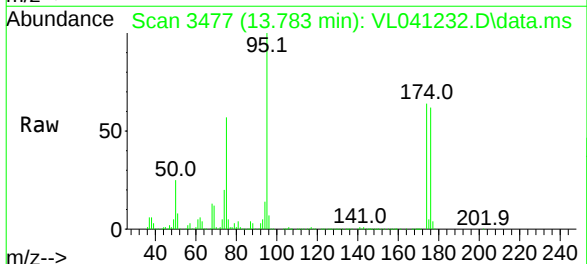
Tgt Ion: 95 Resp: 1718807

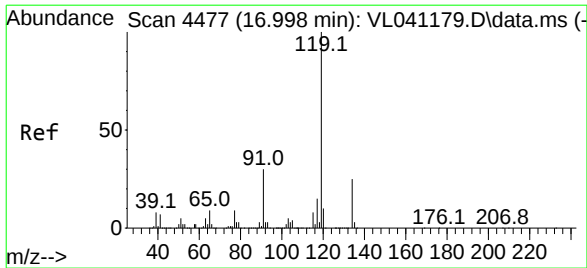
Ion Ratio Lower Upper

95 100

174 64.2 53.6 80.4

175 5.0 4.2 6.4





#69

p-Isopropyltoluene

Concen: 8.818 ppbv

RT: 17.005 min Scan# 4479

Delta R.T. 0.006 min

Lab File: VL041232.D

Acq: 7 May 2024 8:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:119 Resp: 3612515

Ion Ratio Lower Upper

119 100

134 25.4 20.1 30.1

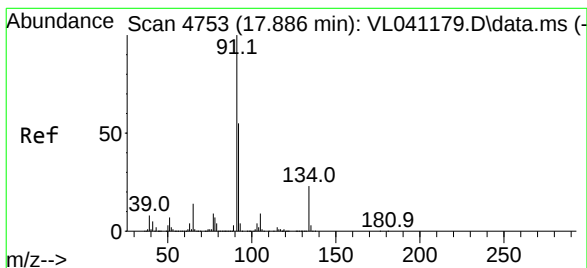
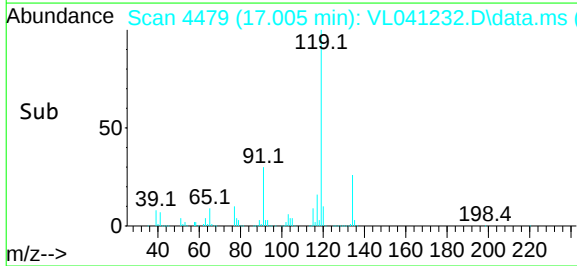
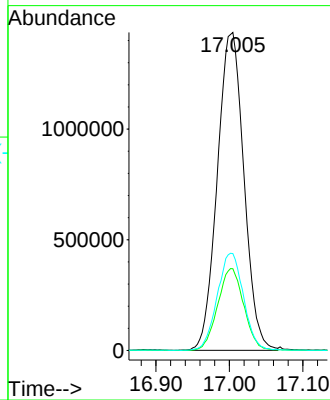
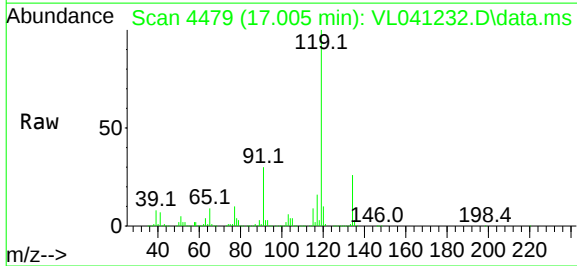
91 30.2 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/07/2024

Supervised By :Semsettin Yesilyurt 05/07/2024



#70

n-Butylbenzene

Concen: 8.896 ppbv

RT: 17.892 min Scan# 4755

Delta R.T. 0.006 min

Lab File: VL041232.D

Acq: 7 May 2024 8:46

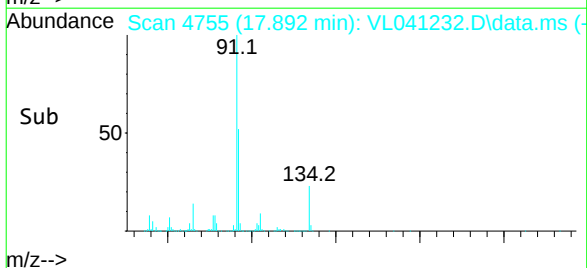
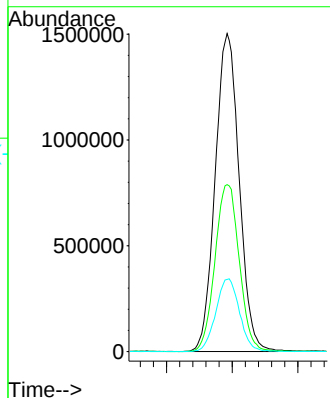
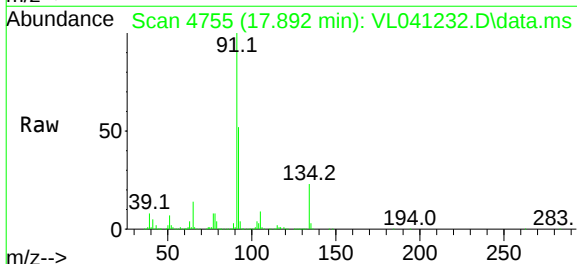
Tgt Ion: 91 Resp: 3806194

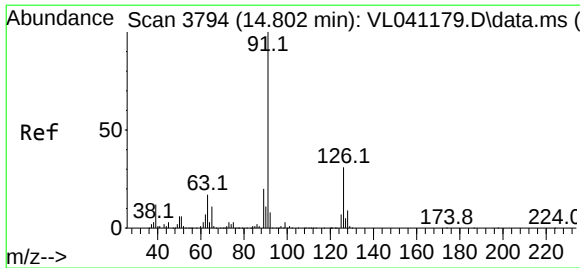
Ion Ratio Lower Upper

91 100

92 53.3 43.3 64.9

134 22.6 17.8 26.8





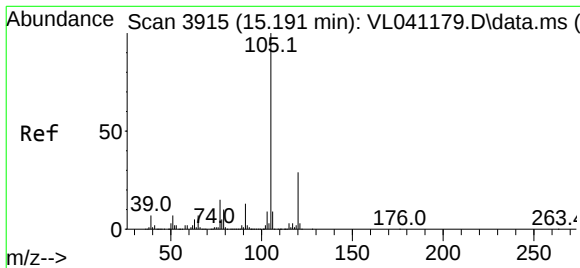
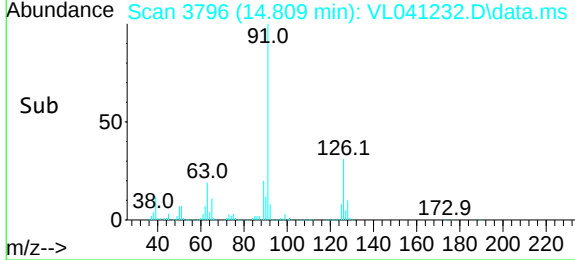
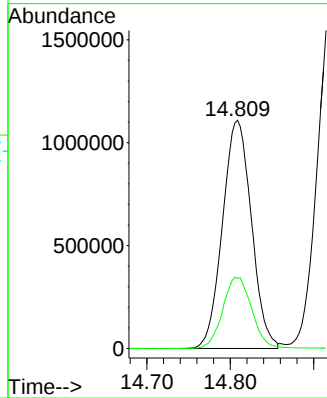
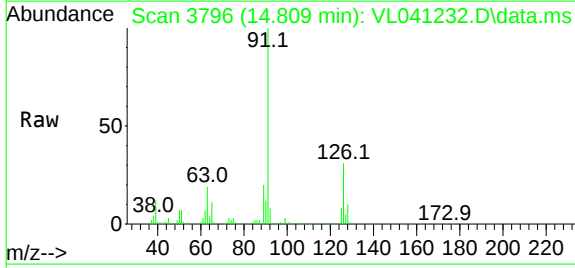
#71
2-Chlorotoluene
Concen: 8.891 ppbv
RT: 14.809 min Scan# 371
Delta R.T. 0.006 min
Lab File: VL041232.D
Acq: 7 May 2024 8:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 2669084
Ion Ratio Lower Upper
91 100
126 31.7 12.2 48.8

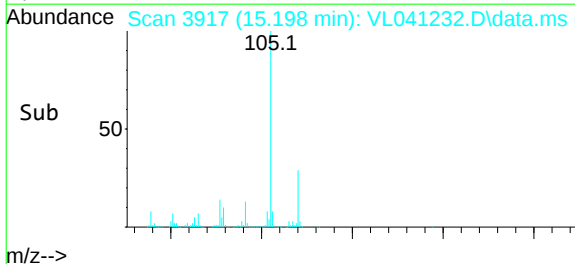
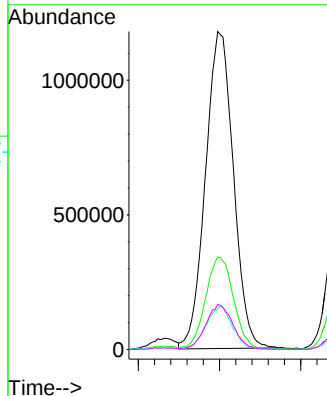
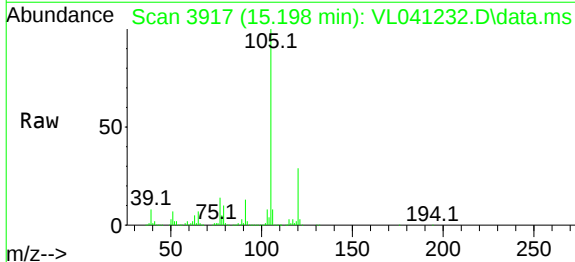
Manual Integrations
APPROVED

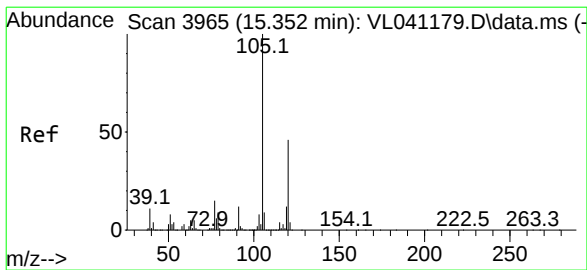
Reviewed By :Mahesh Dadoda 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#72
4-Ethyltoluene
Concen: 9.420 ppbv
RT: 15.198 min Scan# 3917
Delta R.T. 0.006 min
Lab File: VL041232.D
Acq: 7 May 2024 8:46

Tgt Ion:105 Resp: 2812688
Ion Ratio Lower Upper
105 100
120 29.5 24.7 37.1
91 13.0 10.3 15.5
77 14.0 11.4 17.0





#73

1,3,5-Trimethylbenzene

Concen: 9.053 ppbv

RT: 15.359 min Scan# 39

Delta R.T. 0.006 min

Lab File: VL041232.D

Acq: 7 May 2024 8:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:105 Resp: 2445649

Ion Ratio Lower Upper

105 100

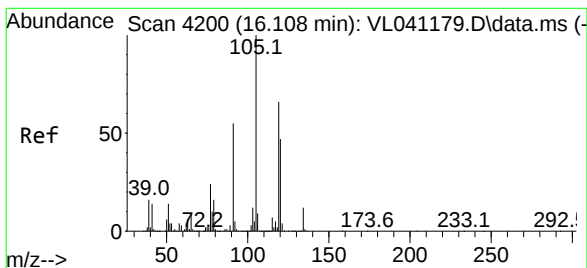
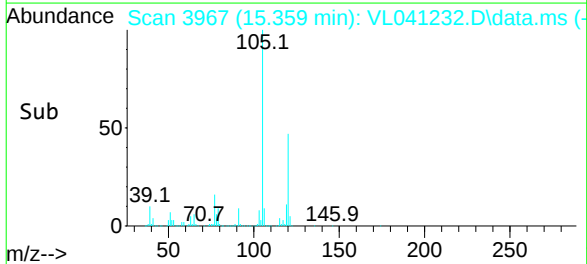
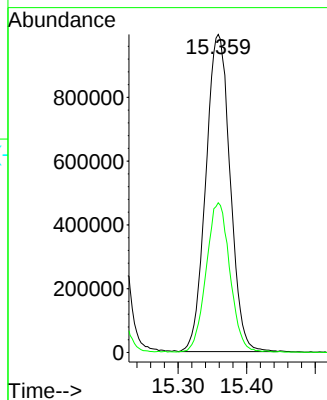
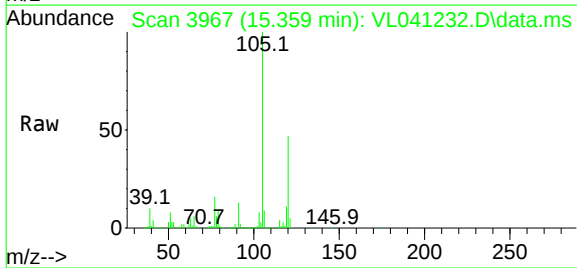
120 47.0 37.0 55.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/07/2024

Supervised By :Semsettin Yesilyurt 05/07/2024



#74

1,2,4-Trimethylbenzene

Concen: 8.974 ppbv

RT: 16.117 min Scan# 4203

Delta R.T. 0.010 min

Lab File: VL041232.D

Acq: 7 May 2024 8:46

Tgt Ion:105 Resp: 2647748

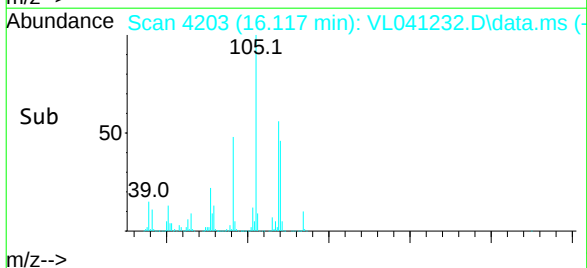
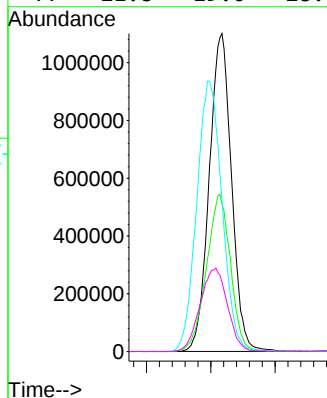
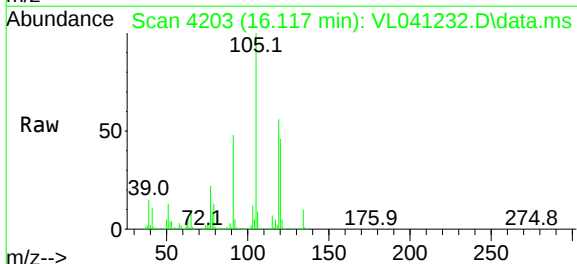
Ion Ratio Lower Upper

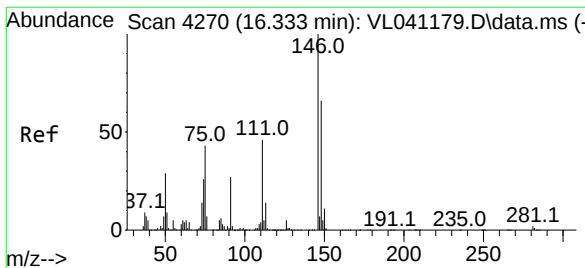
105 100

120 46.4 37.8 56.6

91 47.6 44.3 66.5

77 21.8 19.0 28.4





#75

1,3-Dichlorobenzene

Concen: 9.307 ppbv

RT: 16.339 min Scan# 4270

Delta R.T. 0.006 min

Lab File: VL041232.D

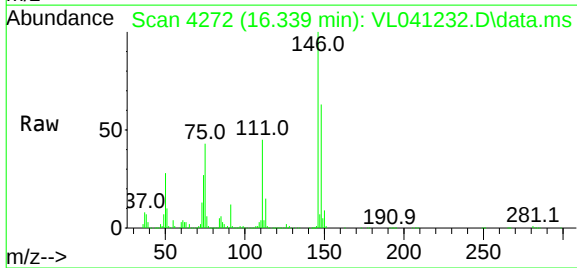
Acq: 7 May 2024 8:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion:146 Resp: 1574516

Ion Ratio Lower Upper

146 100

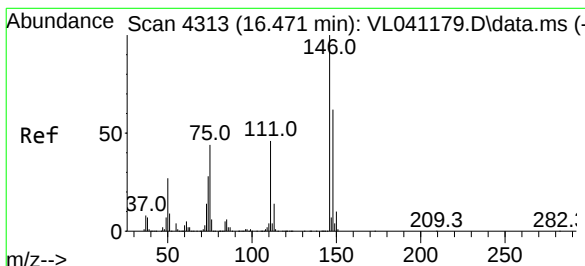
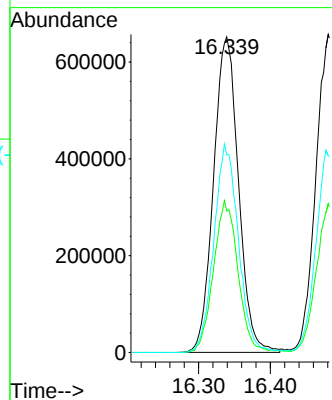
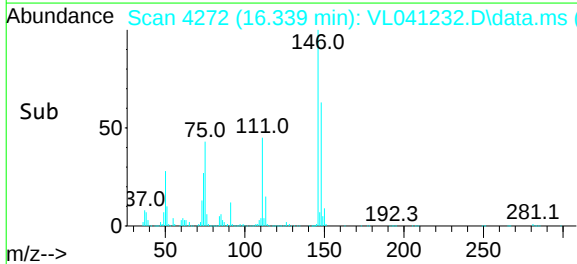
111 47.3 23.7 71.1

148 65.0 32.5 97.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#76

1,4-Dichlorobenzene

Concen: 9.491 ppbv

RT: 16.481 min Scan# 4316

Delta R.T. 0.010 min

Lab File: VL041232.D

Acq: 7 May 2024 8:46

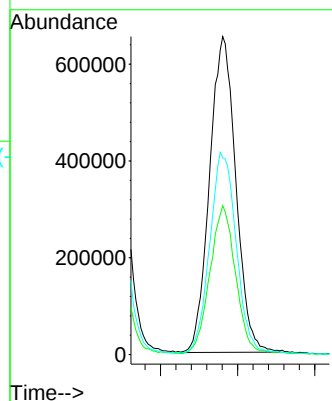
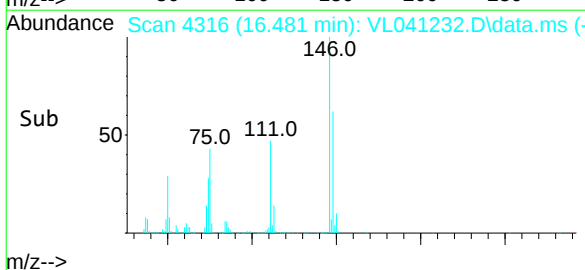
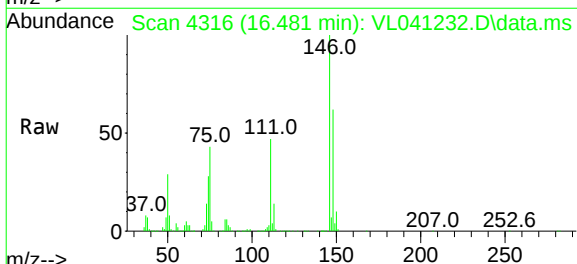
Tgt Ion:146 Resp: 1544144

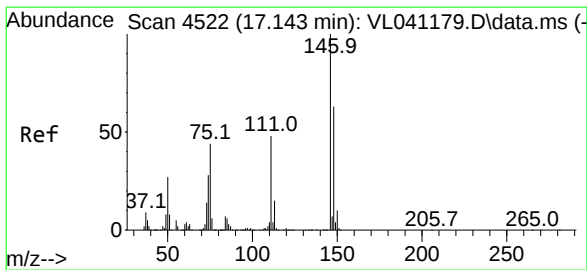
Ion Ratio Lower Upper

146 100

111 46.6 23.3 69.8

148 65.6 32.6 97.7





#77

1,2-Dichlorobenzene

Concen: 9.008 ppbv

RT: 17.149 min Scan# 4522

Delta R.T. 0.006 min

Lab File: VL041232.D

Acq: 7 May 2024 8:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:146 Resp: 1523432

Ion Ratio Lower Upper

146 100

111 48.9 24.5 73.5

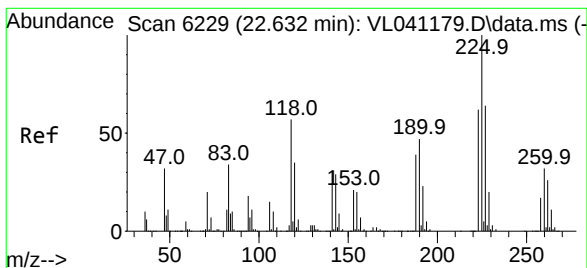
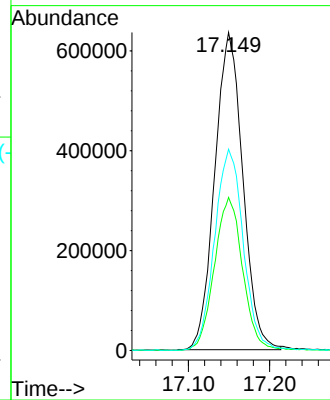
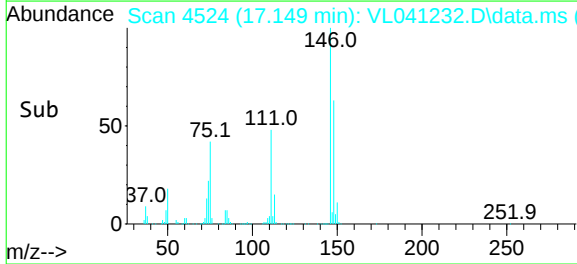
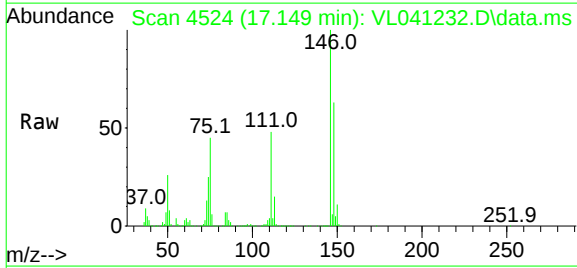
148 65.1 32.6 98.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/07/2024

Supervised By :Semsettin Yesilyurt 05/07/2024



#78

Hexachloro-1,3-Butadiene

Concen: 7.398 ppbv

RT: 22.638 min Scan# 6231

Delta R.T. 0.006 min

Lab File: VL041232.D

Acq: 7 May 2024 8:46

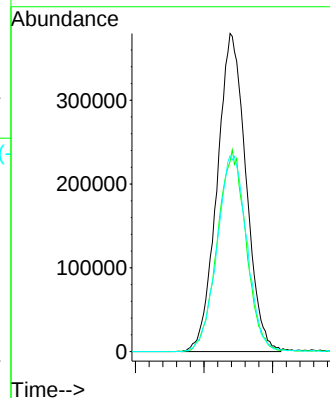
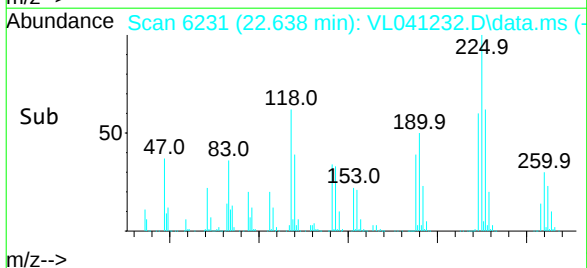
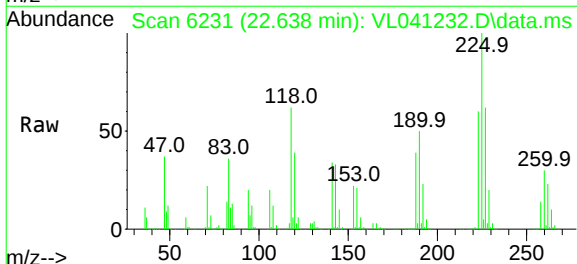
Tgt Ion:225 Resp: 1111923

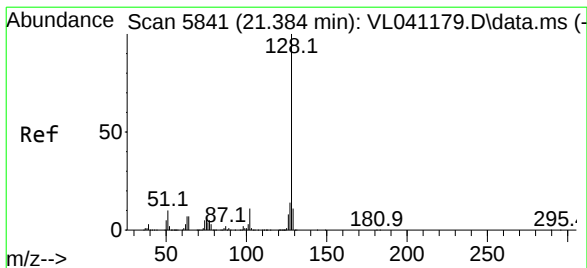
Ion Ratio Lower Upper

225 100

223 63.4 50.9 76.3

227 63.8 52.0 78.0





#79

Naphthalene

Concen: 9.376 ppbv

RT: 21.394 min Scan# 5841

Delta R.T. 0.010 min

Lab File: VL041232.D

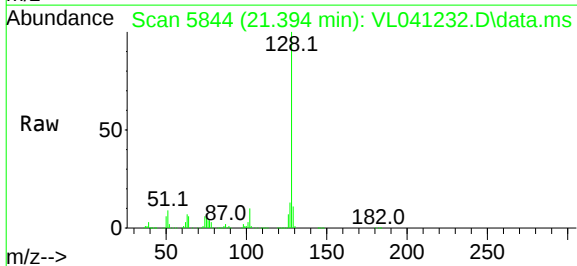
Acq: 7 May 2024 8:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion:128 Resp: 2634247

Ion	Ratio	Lower	Upper
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128	100		
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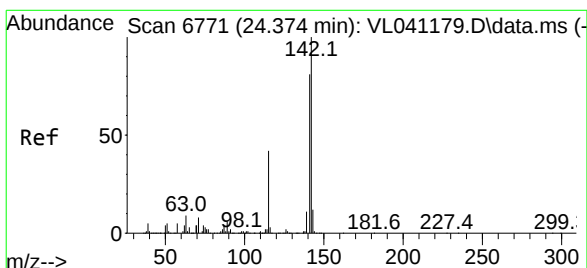
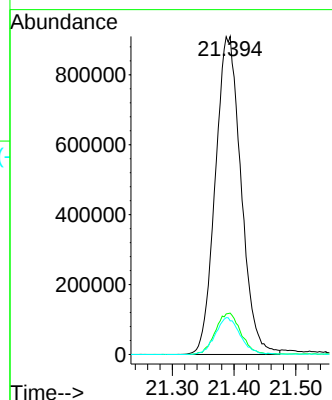
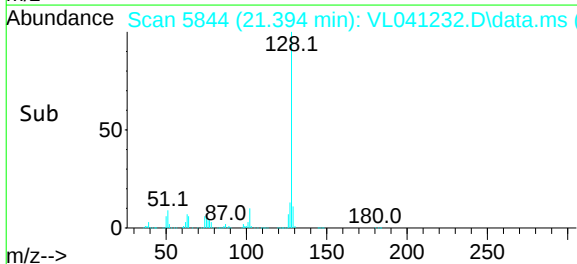
127	13.0	10.8	16.2
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129	10.6	8.9	13.3
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Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#80

Naphthalene,2-methyl-

Concen: 7.177 ppbv

RT: 24.377 min Scan# 6772

Delta R.T. 0.003 min

Lab File: VL041232.D

Acq: 7 May 2024 8:46

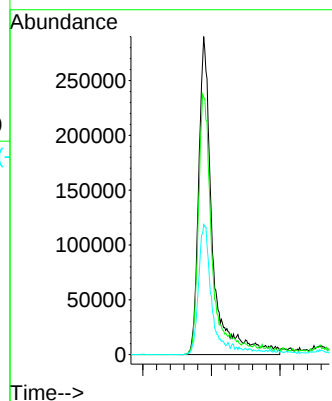
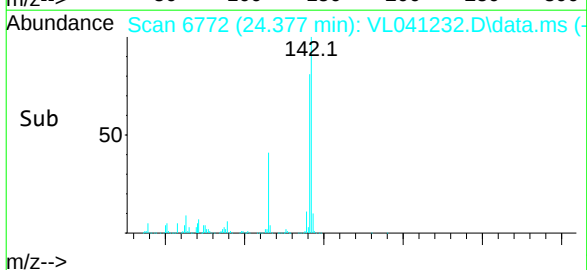
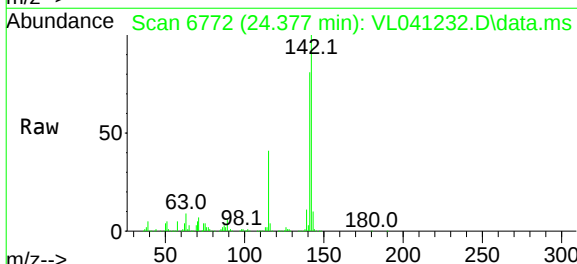
Tgt Ion:142 Resp: 811231

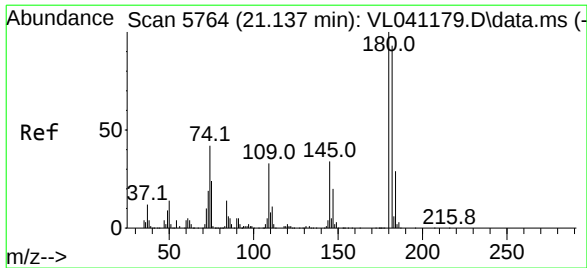
Ion	Ratio	Lower	Upper
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142	100		
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141	83.8	67.9	101.9
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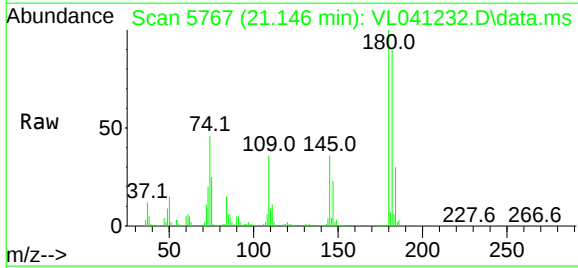
115	37.3	31.4	47.0
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#81
1,2,4-Trichlorobenzene
Concen: 8.554 ppbv
RT: 21.146 min Scan# 5767
Delta R.T. 0.010 min
Lab File: VL041232.D
Acq: 7 May 2024 8:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:180 Resp: 1269024
Ion Ratio Lower Upper
180 100
182 96.2 77.2 115.8
184 30.9 24.6 36.8

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024

