

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072524\
 Data File : VL041399.D
 Acq On : 25 Jul 2024 13:59
 Operator : SY/MD
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Quant Time: Jul 26 05:05:14 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M

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

QLast Update : Fri Jul 26 04:51:44 2024

Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 07/26/2024
 Supervised By : Mahesh Dadoda 07/29/2024

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

Internal Standards						
1) Bromochloromethane	5.176	49	1227171	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.645	114	3353351	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	3260833m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.770 95 2550034 10.170 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 101.700%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.706	85	1748662	8.150	ppbv	100
3) Chlorodifluoromethane	2.652	51	1312868	9.025	ppbv	100
4) Chloromethane	2.790	50	692256	9.024	ppbv	99
5) Vinyl Chloride	2.899	62	699389	9.214	ppbv	100
6) Bromomethane	3.099	94	361665	9.227	ppbv	100
7) Chloroethane	3.176	64	248340	9.630	ppbv	100
8) Dichlorotetrafluoroethane	2.835	85	1694634	9.039	ppbv	100
9) Propene	2.671	41	600396	8.889	ppbv	100
10) Heptane	7.568	43	1472225	9.801	ppbv	99
11) Trichlorofluoromethane	3.542	101	1696907	9.145	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.047	101	1226328	9.136	ppbv	100
13) Ethanol	3.224	45	43077m	7.073	ppbv	
14) Bromoethene	3.346	108	505960	9.786	ppbv	100
15) Acetone	3.446	43	1222864	8.859	ppbv	100
16) 1,3-Butadiene	2.964	39	681843	9.269	ppbv	100
17) tert-Butyl alcohol	3.861	59	1291681	10.276	ppbv	100
18) 1,1-Dichloroethene	3.861	96	558470	9.575	ppbv	100
19) Isopropyl Alcohol	3.555	45	792740	10.155	ppbv	100
20) Methylene Chloride	3.915	84	455611	8.929	ppbv	100
21) Allyl Chloride	3.980	41	890718	9.827	ppbv	100
22) trans-1,2-Dichloroethene	4.430	96	549902	9.711	ppbv	100
23) Vinyl Acetate	4.610	43	1085315	10.104	ppbv	100
24) 1,1-Dichloroethane	4.549	63	1154644	9.415	ppbv	100
25) Ethyl Acetate	5.189	43	2597295	9.430	ppbv	100
26) Hexane	5.198	57	1090849	9.420	ppbv	100
27) Carbon Disulfide	4.105	76	1375021	10.384	ppbv	99
28) Methyl tert-Butyl Ether	4.568	73	681033	9.329	ppbv	100
29) Chloroform	5.259	83	1735318	9.163	ppbv	100
30) Cyclohexane	6.590	84	937363	9.878	ppbv	100
31) cis-1,2-Dichloroethene	5.063	61	1091838	9.548	ppbv	100
32) 1,1,1-Trichloroethane	5.989	97	1715896	9.483	ppbv	100
34) 2-Butanone	4.771	43	1567685	9.654	ppbv	100
35) Carbon Tetrachloride	6.484	117	1836059	9.983	ppbv	100
36) Benzene	6.359	78	2363293	9.591	ppbv	100
37) 1,2-Dichloroethane	5.796	62	1317693	9.664	ppbv	99
38) Trichloroethene	7.282	130	1074518	9.605	ppbv	100
39) 1,2-Dichloropropane	7.063	63	891517	9.403	ppbv	100
40) 1,4-Dioxane	7.275	88	384473	11.177	ppbv	100
41) Tetrahydrofuran	5.542	42	931064	9.892	ppbv	100
42) Bromodichloromethane	7.240	83	1932798	9.793	ppbv	100
43) Methyl Methacrylate	7.465	69	948521	10.646	ppbv	100
44) 2,2,4-Trimethylpentane	7.317	57	3907968	9.554	ppbv	100
45) t-1,3-Dichloropropene	8.703	75	963383	11.835	ppbv	100

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 ClientSampleId :
 VSTDICCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 07/26/2024
 Supervised By : Mahesh Dadoda 07/29/2024

Quant Time: Jul 26 05:05:14 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M

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

QLast Update : Fri Jul 26 04:51:44 2024

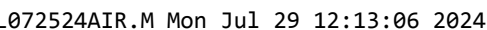
Response via : Initial Calibration

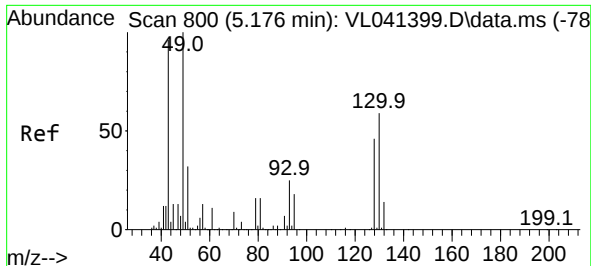
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.134	75	1281640	10.855	ppbv	100
47) 1,1,2-Trichloroethane	8.893	97	987016	9.602	ppbv	100
48) Dibromochloromethane	9.706	129	1692234	10.224	ppbv	100
49) Bromoform	12.404	173	1496236	10.670	ppbv	99
50) 4-Methyl-2-Pentanone	8.172	43	2603717	10.051	ppbv	100
51) 2-Hexanone	9.542	43	2141345	10.819	ppbv	100
52) Tetrachloroethene	10.613	164	907950	9.585	ppbv	100
53) Toluene	9.214	91	2779504	10.036	ppbv	100
54) 1,2-Dibromoethane	10.002	107	1438535	10.342	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.503	131	1213659	9.640	ppbv #	58
57) Chlorobenzene	11.523	112	2174265	9.343	ppbv	100
58) Ethyl Benzene	12.085	91	3752771	9.870	ppbv	100
59) m/p-Xylene	12.368	91	6382118m	19.609	ppbv	
60) o-Xylene	13.053	91	3036791	9.732	ppbv	100
61) Styrene	12.896	104	1513410	10.748	ppbv	100
62) Isopropylbenzene	14.024	105	4462038	9.595	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.040	83	1853886	9.567	ppbv	100
64) n-propylbenzene	14.912	120	1205437	9.895	ppbv	100
65) tert-Butylbenzene	16.085	119	4027165	9.564	ppbv	100
66) Benzyl Chloride	16.323	91	299511	11.162	ppbv	100
67) sec-Butylbenzene	16.635	105	5605419	9.602	ppbv	100
69) p-Isopropyltoluene	16.989	119	4737222	9.713	ppbv	100
70) n-Butylbenzene	17.883	91	4851380	9.796	ppbv	100
71) 2-Chlorotoluene	14.799	91	3368997	9.707	ppbv	100
72) 4-Ethyltoluene	15.188	105	3711228	10.293	ppbv	99
73) 1,3,5-Trimethylbenzene	15.346	105	3175291	10.049	ppbv	100
74) 1,2,4-Trimethylbenzene	16.105	105	3502689	9.621	ppbv	100
75) 1,3-Dichlorobenzene	16.330	146	2192883	9.642	ppbv	100
76) 1,4-Dichlorobenzene	16.471	146	2140459	9.596	ppbv	100
77) 1,2-Dichlorobenzene	17.140	146	2131506	9.501	ppbv	100
78) Hexachloro-1,3-Butadiene	22.628	225	1626038	8.347	ppbv	100
79) Naphthalene	21.381	128	3669460	11.481	ppbv	100
80) Naphthalene,2-methyl-	24.371	142	3235986	12.454	ppbv	100
81) 1,2,4-Trichlorobenzene	21.133	180	1912951	9.962	ppbv	100

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

Manual Integrations

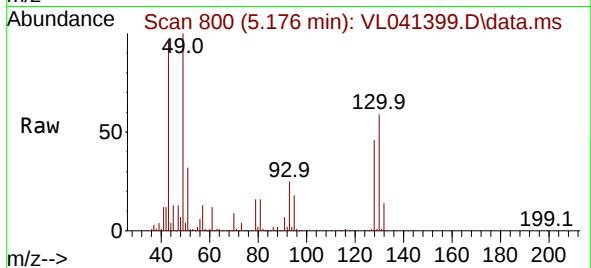
Quant Time: Jul 26 05:05:14 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Fri Jul 26 04:51:44 2024
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#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.176 min Scan# 800
Delta R.T. -0.000 min
Lab File: VL041399.D
Acq: 25 Jul 2024 13:59

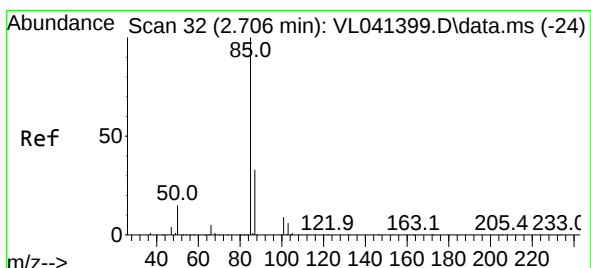
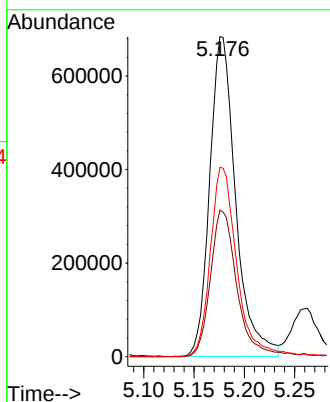
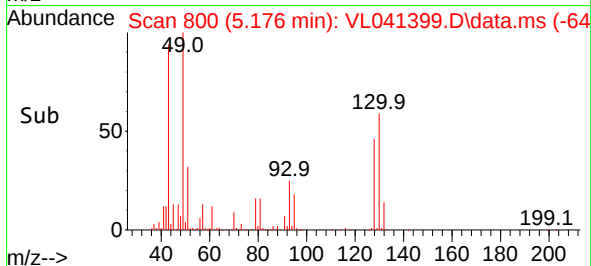
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 49 Resp: 122717
Ion Ratio Lower Upper
49 100
128 47.6 23.8 71.4
130 61.7 30.8 92.4

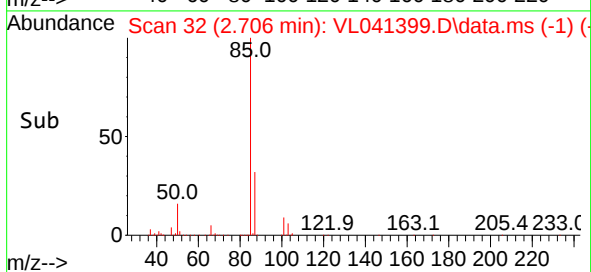
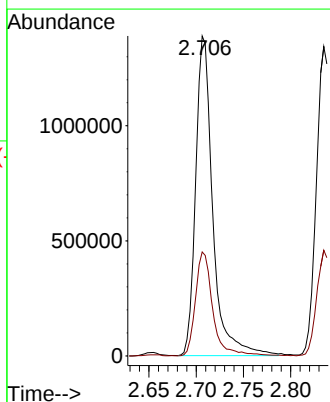
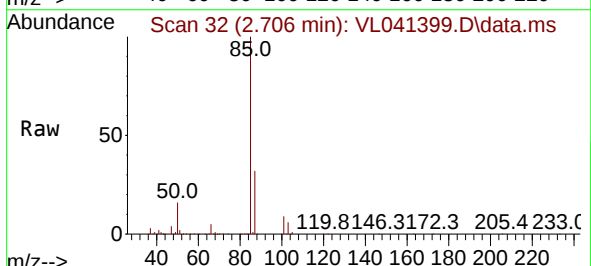
Manual Integrations
APPROVED

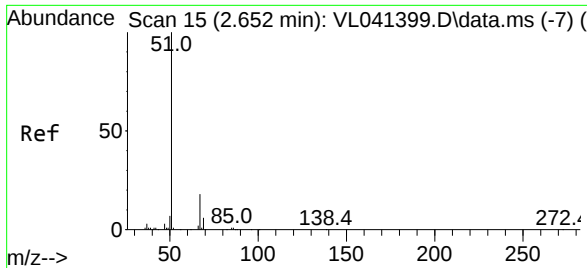
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024



#2
Dichlorodifluoromethane
Concen: 8.150 ppbv
RT: 2.706 min Scan# 32
Delta R.T. 0.000 min
Lab File: VL041399.D
Acq: 25 Jul 2024 13:59

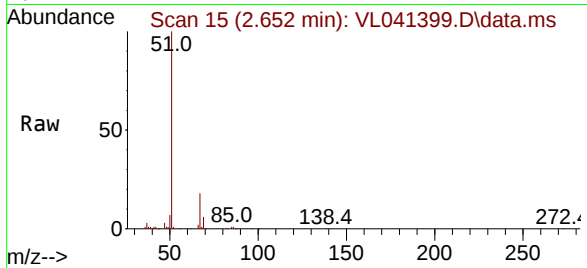
Tgt Ion: 85 Resp: 1748662
Ion Ratio Lower Upper
85 100
87 32.5 26.0 39.0





#3
Chlorodifluoromethane
Concen: 9.025 ppbv
RT: 2.652 min Scan# 15
Delta R.T. 0.000 min
Lab File: VL041399.D
Acq: 25 Jul 2024 13:59

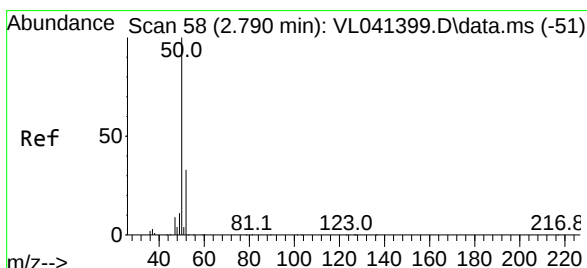
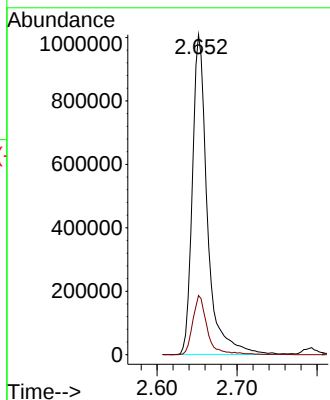
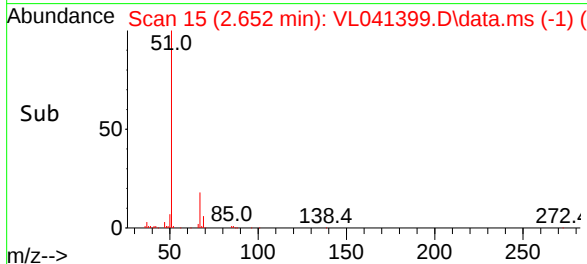
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 51 Resp: 131286
Ion Ratio Lower Upper
51 100
67 18.1 14.5 21.7

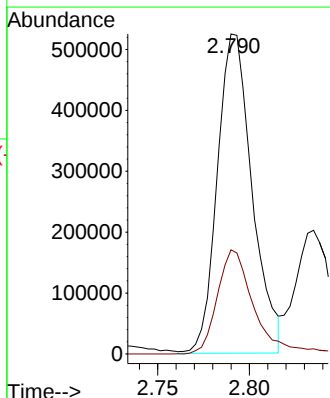
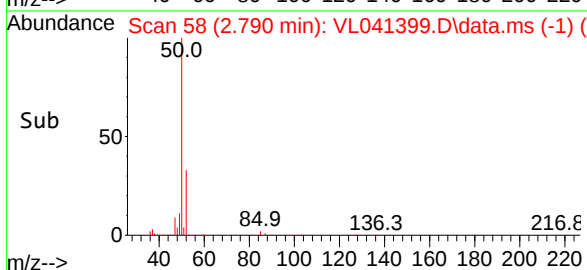
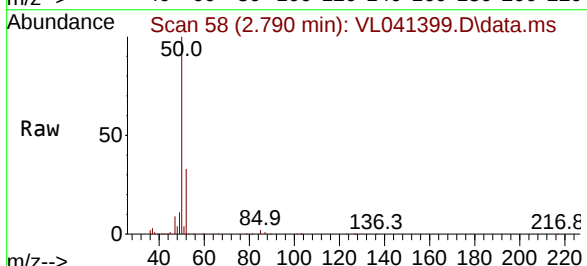
Manual Integrations
APPROVED

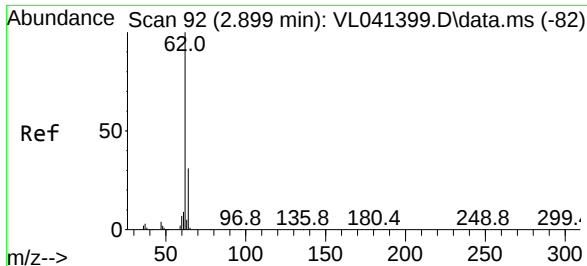
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024



#4
Chloromethane
Concen: 9.024 ppbv
RT: 2.790 min Scan# 58
Delta R.T. 0.000 min
Lab File: VL041399.D
Acq: 25 Jul 2024 13:59

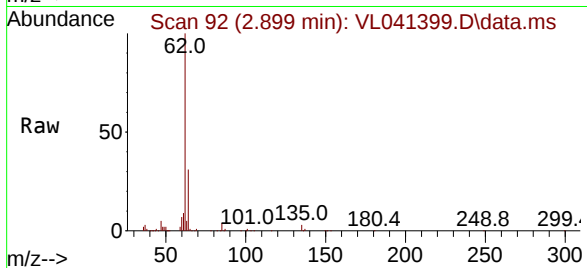
Tgt Ion: 50 Resp: 692256
Ion Ratio Lower Upper
50 100
52 32.9 26.1 39.1





#5
 Vinyl Chloride
 Concen: 9.214 ppbv
 RT: 2.899 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VL041399.D
 Acq: 25 Jul 2024 13:59

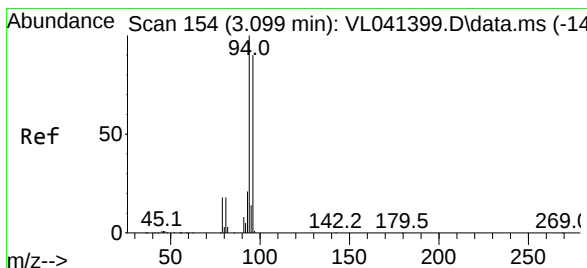
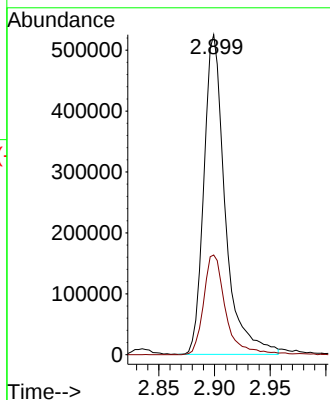
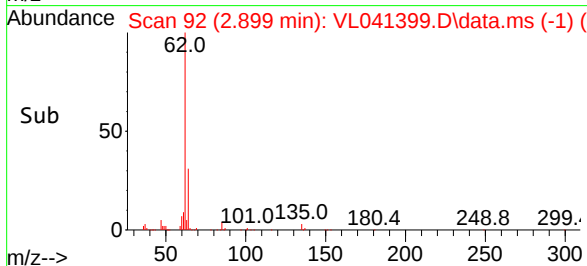
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



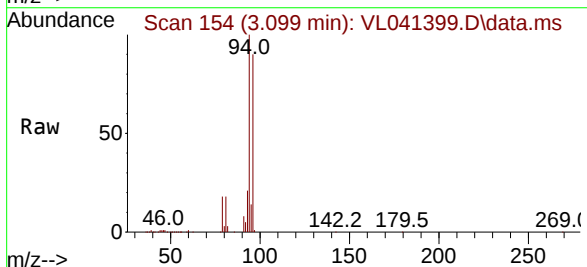
Tgt Ion: 62 Resp: 699389
 Ion Ratio Lower Upper
 62 100
 64 31.2 25.0 37.4

Manual Integrations
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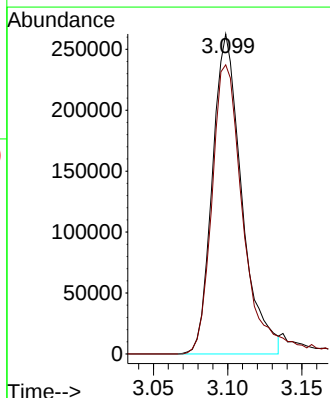
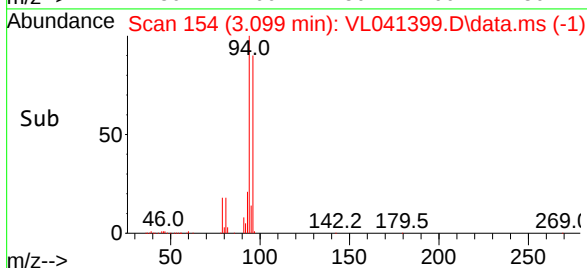
Reviewed By :Semsettin Yesilyurt 07/26/2024
 Supervised By :Mahesh Dadoda 07/29/2024

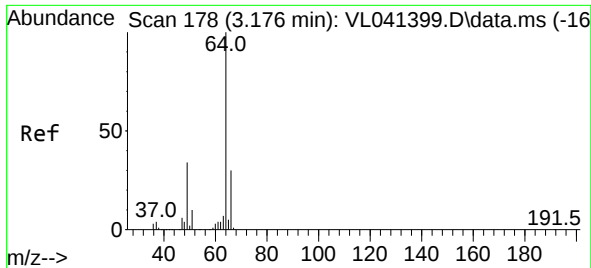


#6
 Bromomethane
 Concen: 9.227 ppbv
 RT: 3.099 min Scan# 154
 Delta R.T. 0.000 min
 Lab File: VL041399.D
 Acq: 25 Jul 2024 13:59



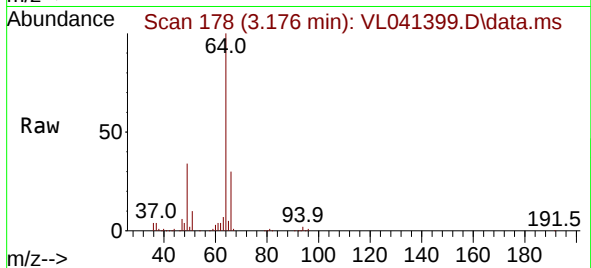
Tgt Ion: 94 Resp: 361665
 Ion Ratio Lower Upper
 94 100
 96 90.4 72.3 108.5





#7
Chloroethane
Concen: 9.630 ppbv
RT: 3.176 min Scan# 178
Delta R.T. 0.000 min
Lab File: VL041399.D
Acq: 25 Jul 2024 13:59

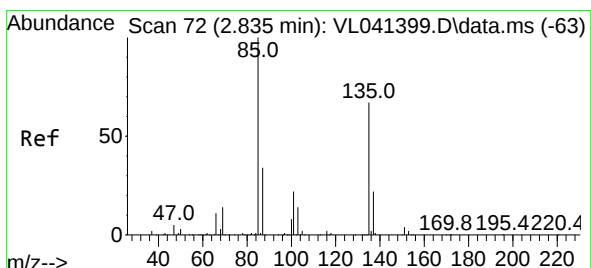
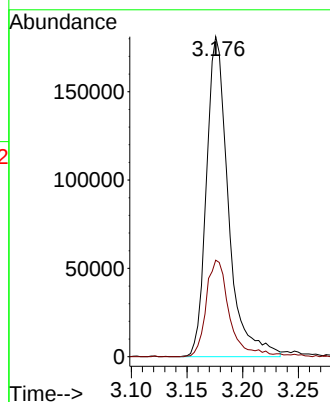
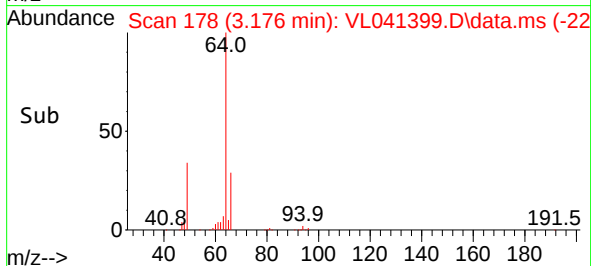
Instrument : MSVOA_L
ClientSampleId : VSTDICCC010



Tgt Ion: 64 Resp: 248340
Ion Ratio Lower Upper
64 100
66 30.2 24.2 36.2

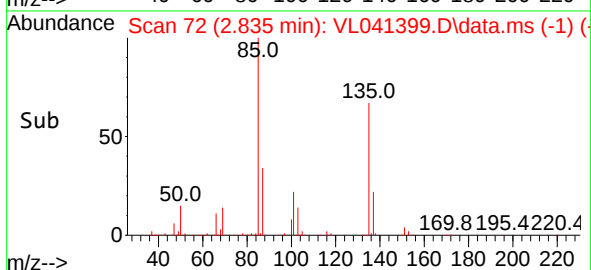
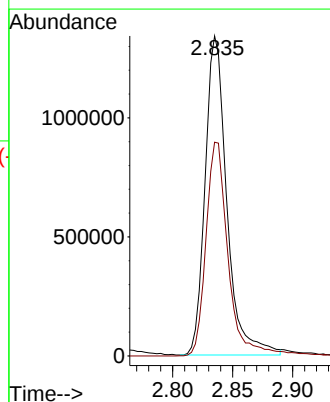
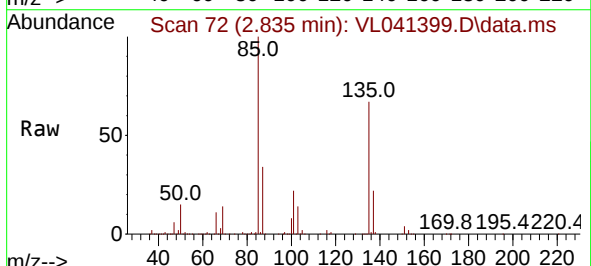
Manual Integrations
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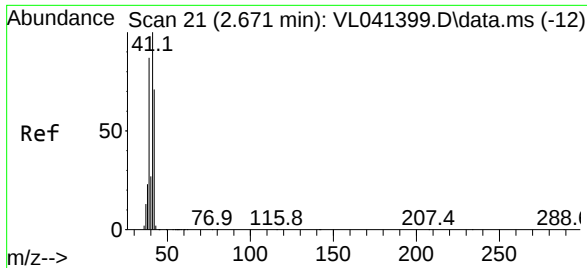
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024



#8
Dichlorotetrafluoroethane
Concen: 9.039 ppbv
RT: 2.835 min Scan# 72
Delta R.T. 0.000 min
Lab File: VL041399.D
Acq: 25 Jul 2024 13:59

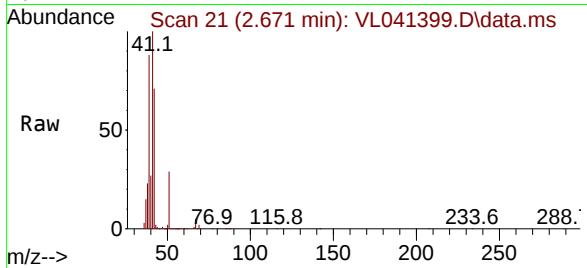
Tgt Ion: 85 Resp: 1694634
Ion Ratio Lower Upper
85 100
135 69.2 55.4 83.0





#9
 Propene
 Concen: 8.889 ppbv
 RT: 2.671 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VL041399.D
 Acq: 25 Jul 2024 13:59

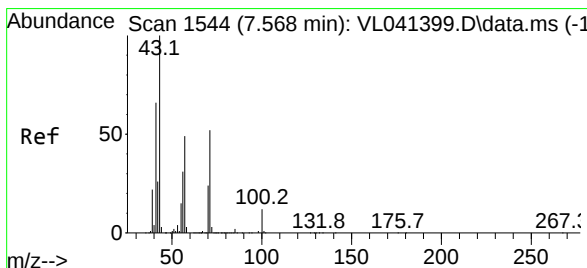
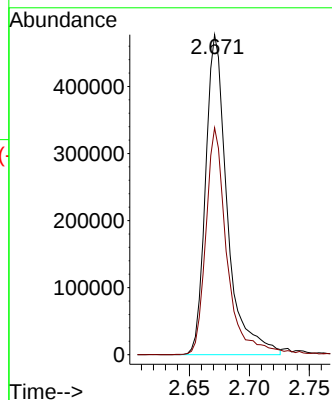
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



Tgt Ion: 41 Resp: 600390
 Ion Ratio Lower Upper
 41 100
 42 69.9 55.9 83.9

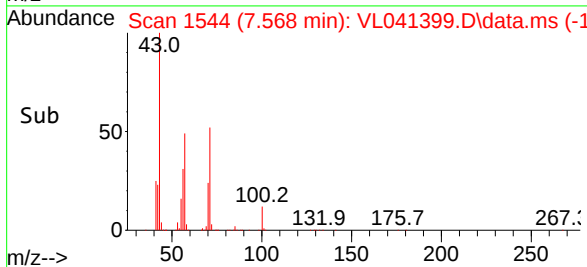
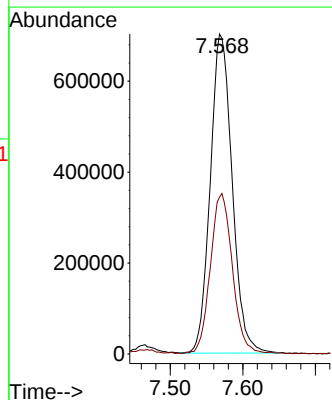
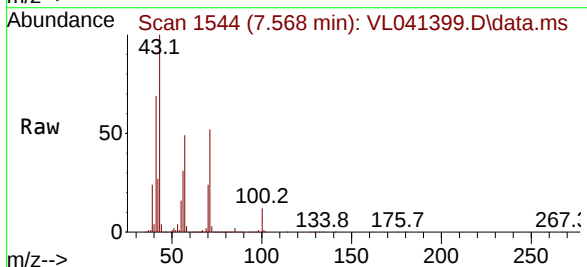
Manual Integrations
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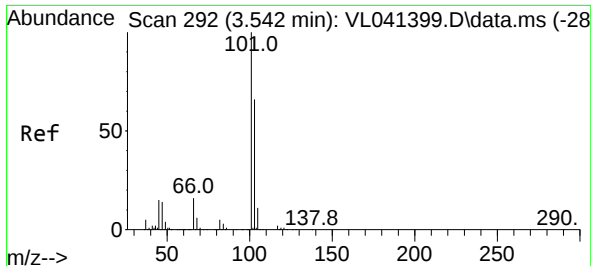
Reviewed By :Semsettin Yesilyurt 07/26/2024
 Supervised By :Mahesh Dadoda 07/29/2024



#10
 Heptane
 Concen: 9.801 ppbv
 RT: 7.568 min Scan# 1544
 Delta R.T. 0.000 min
 Lab File: VL041399.D
 Acq: 25 Jul 2024 13:59

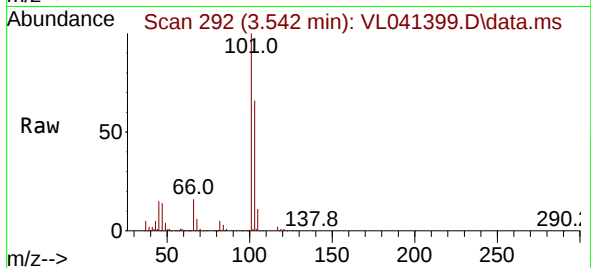
Tgt Ion: 43 Resp: 1472225
 Ion Ratio Lower Upper
 43 100
 57 51.2 40.5 60.7





#11
 Trichlorofluoromethane
 Concen: 9.145 ppbv
 RT: 3.542 min Scan# 292
 Delta R.T. 0.000 min
 Lab File: VL041399.D
 Acq: 25 Jul 2024 13:59

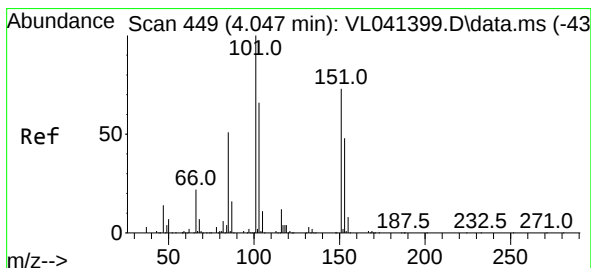
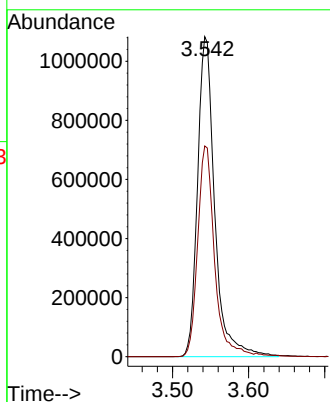
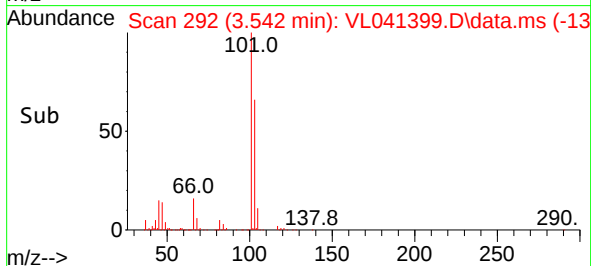
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



Tgt Ion:101 Resp: 169690
 Ion Ratio Lower Upper
 101 100
 103 65.8 52.6 79.0

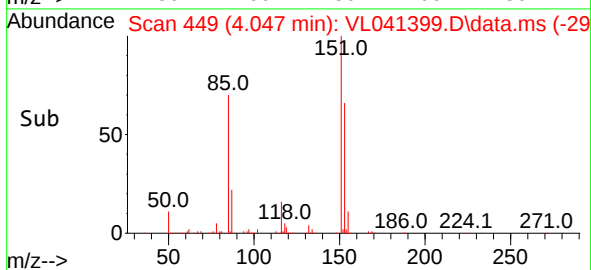
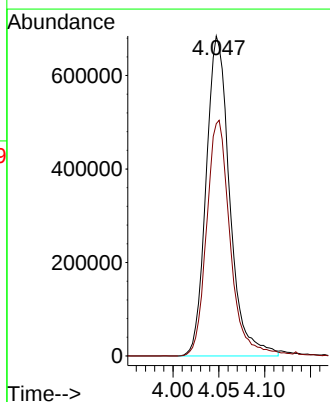
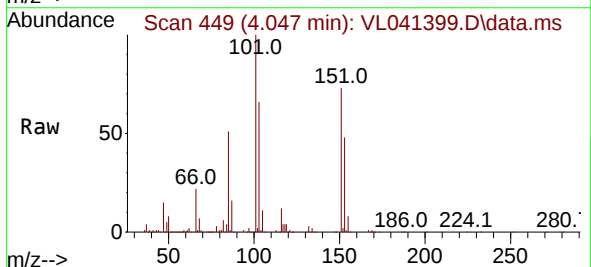
Manual Integrations
 APPROVED

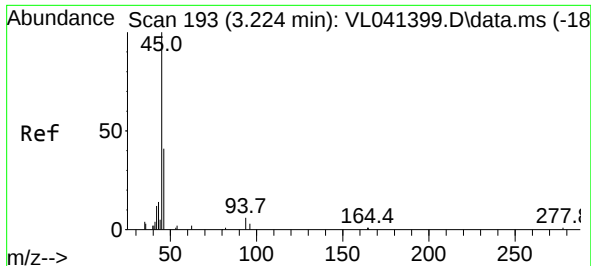
Reviewed By :Semsettin Yesilyurt 07/26/2024
 Supervised By :Mahesh Dadoda 07/29/2024



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.136 ppbv
 RT: 4.047 min Scan# 449
 Delta R.T. 0.000 min
 Lab File: VL041399.D
 Acq: 25 Jul 2024 13:59

Tgt Ion:101 Resp: 1226328
 Ion Ratio Lower Upper
 101 100
 151 74.3 59.4 89.2





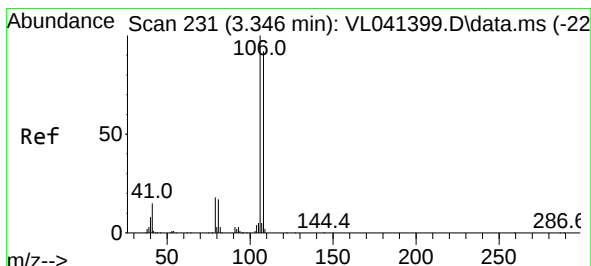
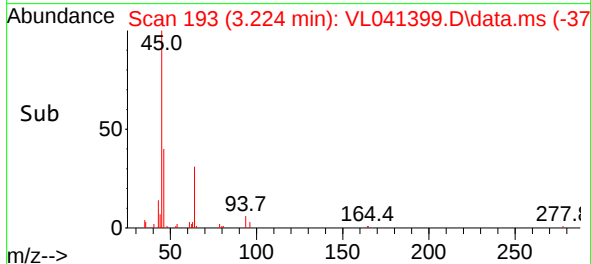
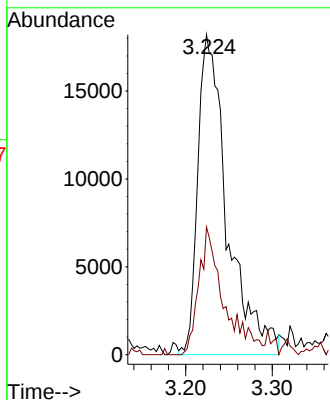
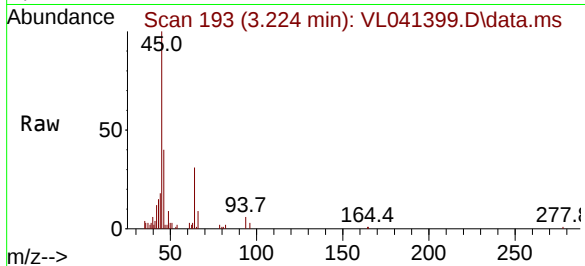
#13
Ethanol
Concen: 7.073 ppbv
RT: 3.224 min Scan# 193
Delta R.T. 0.000 min
Lab File: VL041399.D
Acq: 25 Jul 2024 13:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 45 Resp: 4307
Ion Ratio Lower Upper
45 100
46 37.3 13.4 53.4

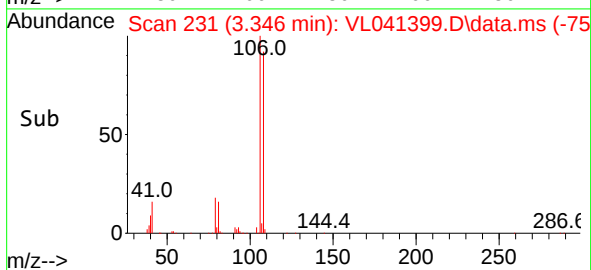
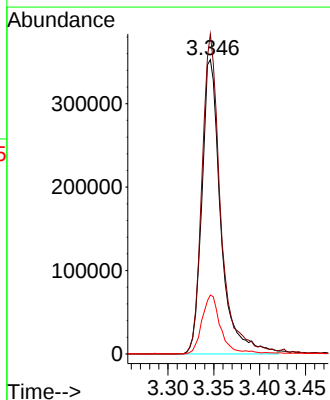
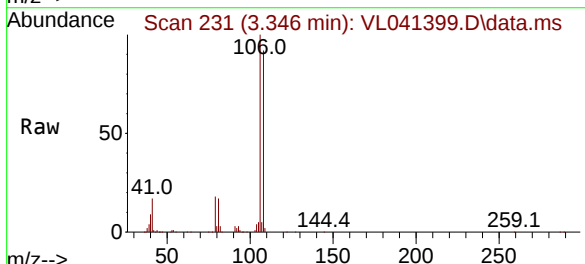
Manual Integrations
APPROVED

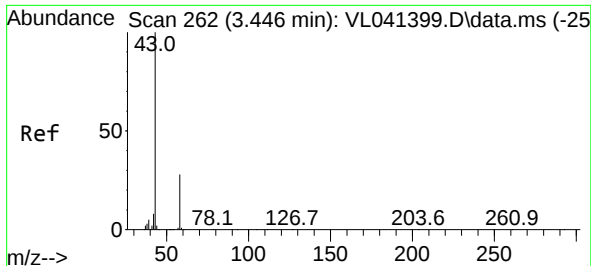
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024



#14
Bromoethene
Concen: 9.786 ppbv
RT: 3.346 min Scan# 231
Delta R.T. 0.000 min
Lab File: VL041399.D
Acq: 25 Jul 2024 13:59

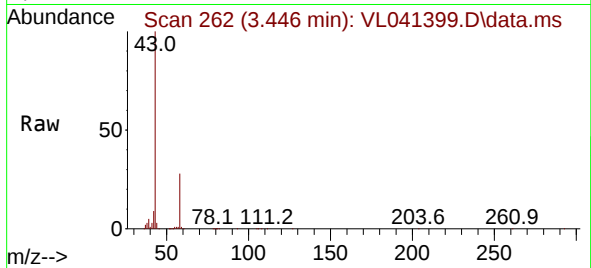
Tgt Ion:108 Resp: 505960
Ion Ratio Lower Upper
108 100
106 108.8 86.9 130.3
79 20.6 16.2 24.4





#15
Acetone
Concen: 8.859 ppbv
RT: 3.446 min Scan# 20
Delta R.T. 0.000 min
Lab File: VL041399.D
Acq: 25 Jul 2024 13:59

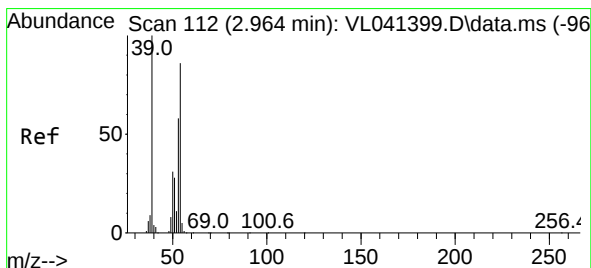
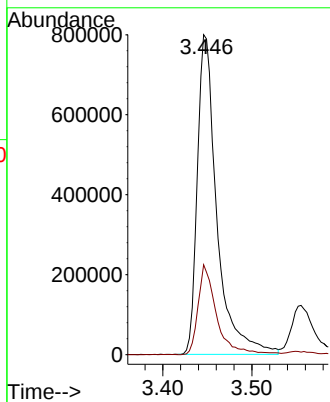
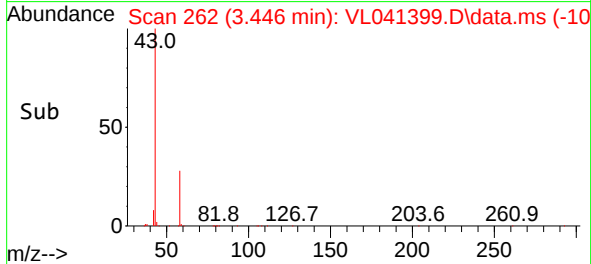
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 43 Resp: 1222864
Ion Ratio Lower Upper
43 100
58 26.8 21.4 32.2

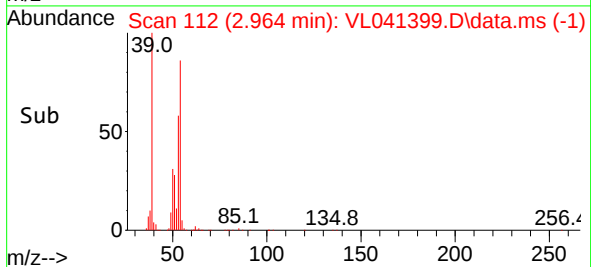
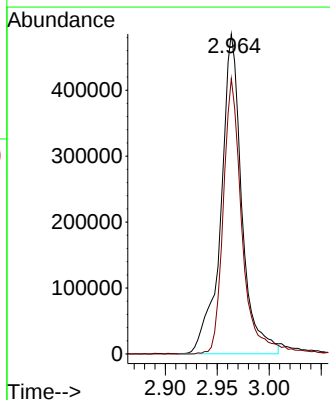
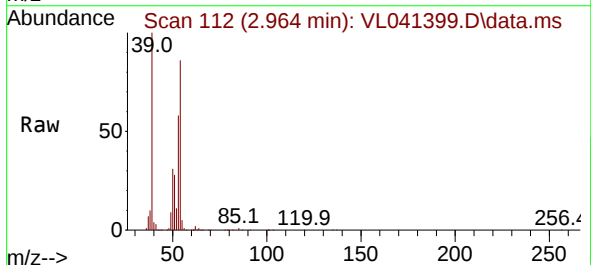
Manual Integrations
APPROVED

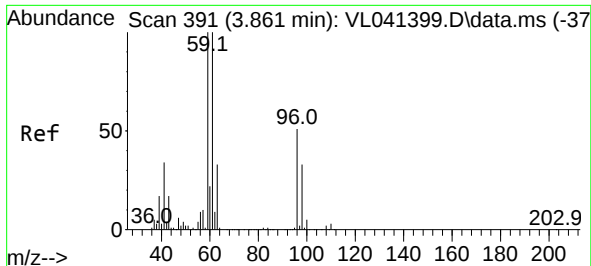
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024



#16
1,3-Butadiene
Concen: 9.269 ppbv
RT: 2.964 min Scan# 112
Delta R.T. 0.000 min
Lab File: VL041399.D
Acq: 25 Jul 2024 13:59

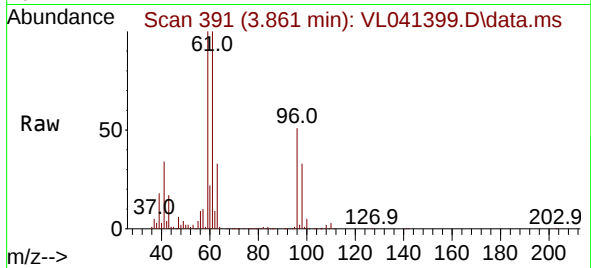
Tgt Ion: 39 Resp: 681843
Ion Ratio Lower Upper
39 100
54 78.1 62.5 93.7





#17
tert-Butyl alcohol
Concen: 10.276 ppbv
RT: 3.861 min Scan# 391
Delta R.T. 0.000 min
Lab File: VL041399.D
Acq: 25 Jul 2024 13:59

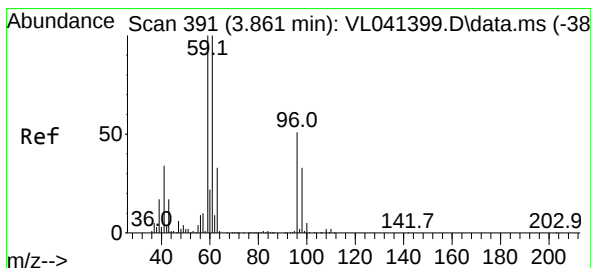
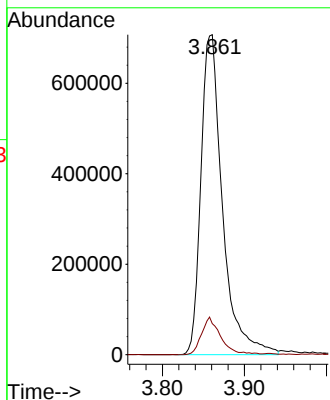
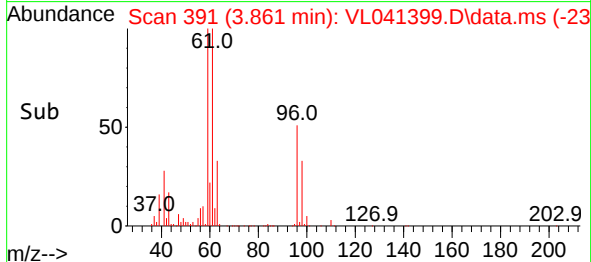
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



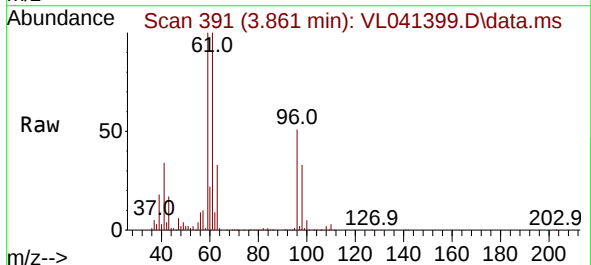
Tgt Ion: 59 Resp: 129168
Ion Ratio Lower Upper
59 100
57 10.8 8.6 12.8

Manual Integrations
APPROVED

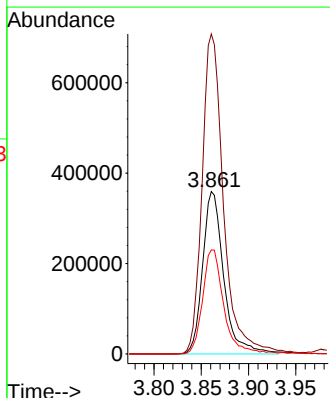
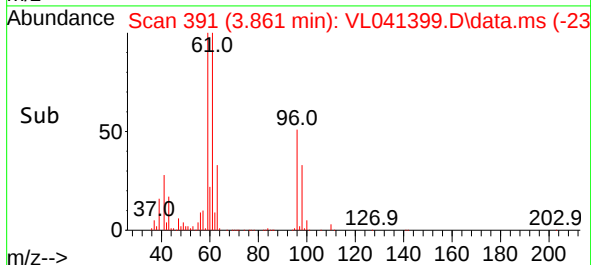
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024

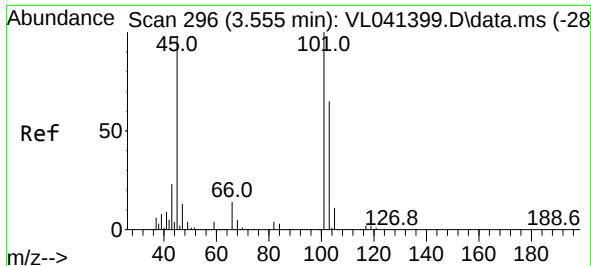


#18
1,1-Dichloroethene
Concen: 9.575 ppbv
RT: 3.861 min Scan# 391
Delta R.T. 0.000 min
Lab File: VL041399.D
Acq: 25 Jul 2024 13:59



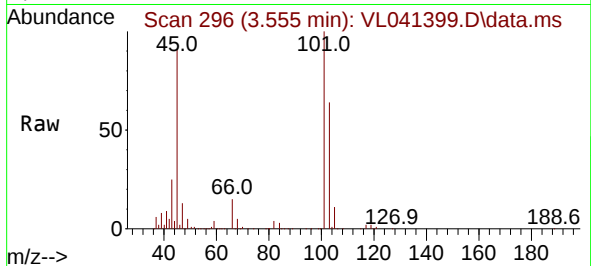
Tgt Ion: 96 Resp: 558470
Ion Ratio Lower Upper
96 100
61 196.9 157.5 236.3
98 64.0 51.2 76.8





#19
Isopropyl Alcohol
Concen: 10.155 ppbv
RT: 3.555 min Scan# 296
Delta R.T. 0.000 min
Lab File: VL041399.D
Acq: 25 Jul 2024 13:59

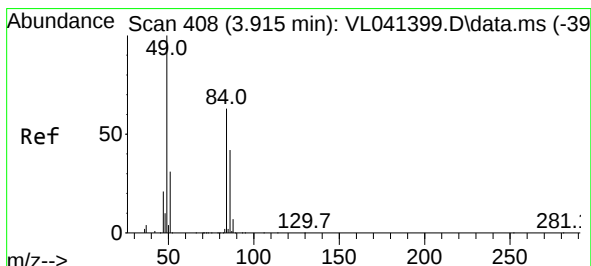
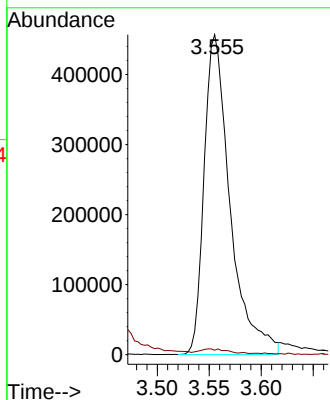
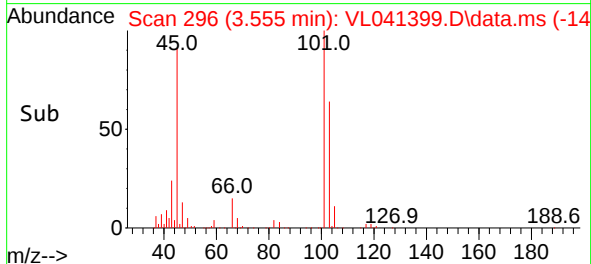
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



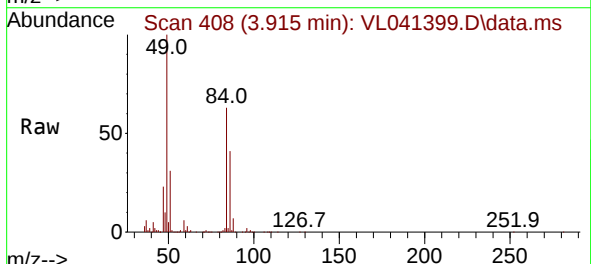
Tgt Ion: 45 Resp: 792740
Ion Ratio Lower Upper
45 100
58 2.3 1.9 2.9

Manual Integrations
APPROVED

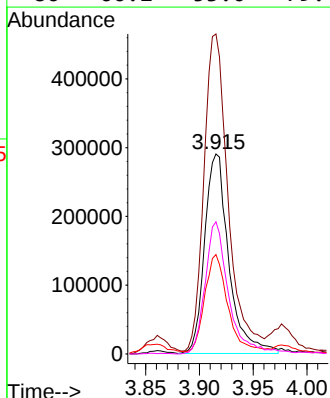
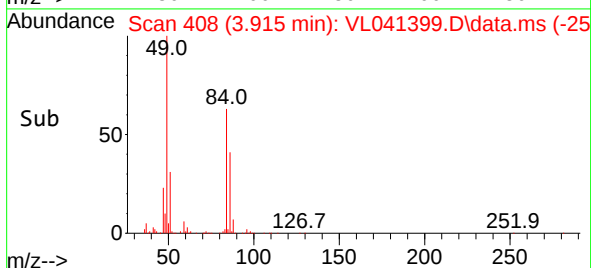
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024

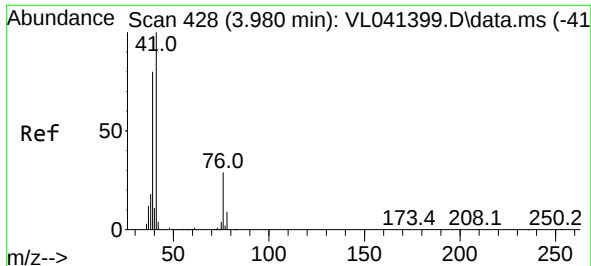


#20
Methylene Chloride
Concen: 8.929 ppbv
RT: 3.915 min Scan# 408
Delta R.T. 0.000 min
Lab File: VL041399.D
Acq: 25 Jul 2024 13:59



Tgt Ion: 84 Resp: 455611
Ion Ratio Lower Upper
84 100
49 158.3 126.6 190.0
51 48.3 38.6 58.0
86 66.2 53.0 79.4





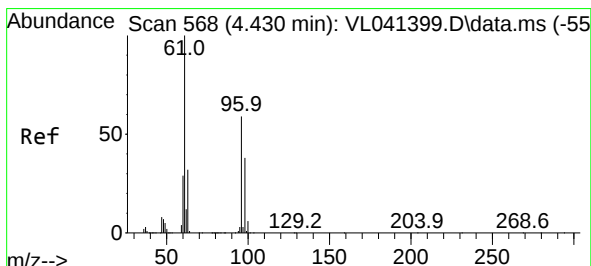
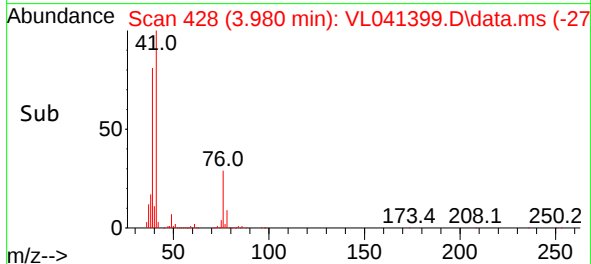
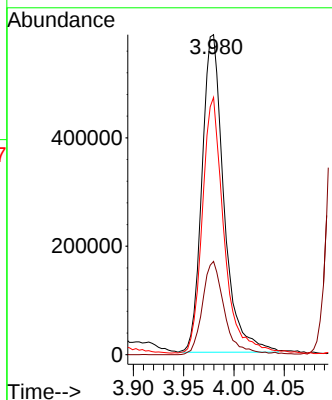
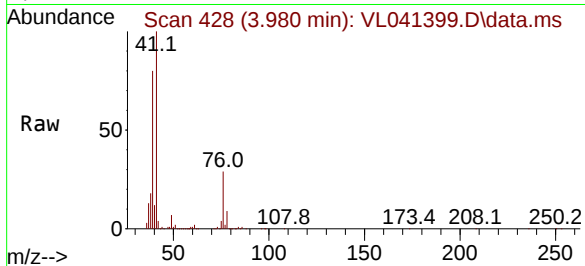
#21
 Allyl Chloride
 Concen: 9.827 ppbv
 RT: 3.980 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL041399.D
 Acq: 25 Jul 2024 13:59

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tgt Ion: 41 Resp: 890718
 Ion Ratio Lower Upper
 41 100
 76 29.7 23.7 35.5
 39 80.1 64.3 96.5

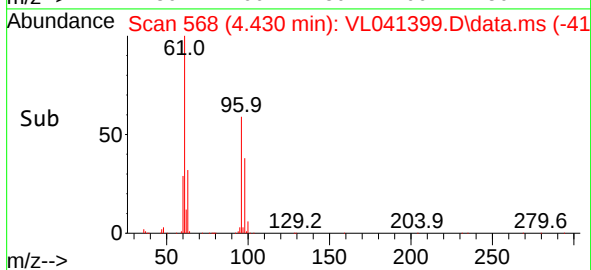
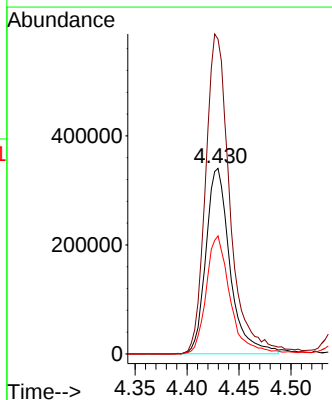
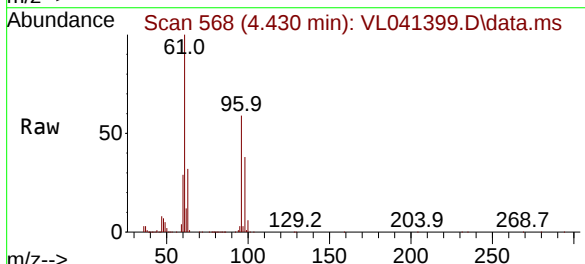
Manual Integrations
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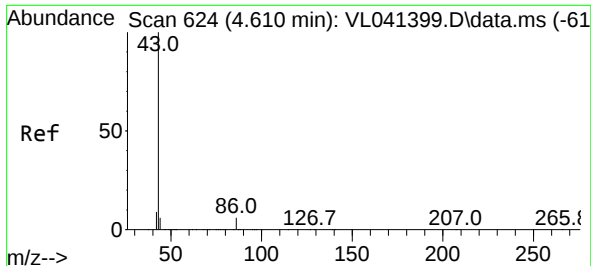
Reviewed By :Semsettin Yesilyurt 07/26/2024
 Supervised By :Mahesh Dadoda 07/29/2024



#22
 trans-1,2-Dichloroethene
 Concen: 9.711 ppbv
 RT: 4.430 min Scan# 568
 Delta R.T. 0.000 min
 Lab File: VL041399.D
 Acq: 25 Jul 2024 13:59

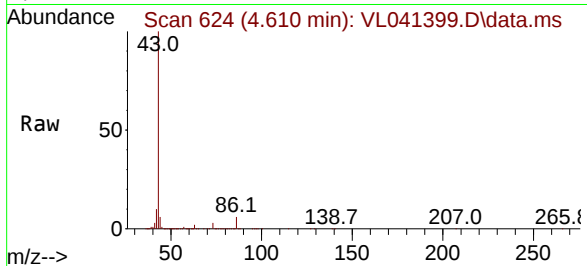
Tgt Ion: 96 Resp: 549902
 Ion Ratio Lower Upper
 96 100
 61 169.3 135.4 203.2
 98 63.7 51.0 76.4





#23
 Vinyl Acetate
 Concen: 10.104 ppbv
 RT: 4.610 min Scan# 610
 Delta R.T. 0.000 min
 Lab File: VL041399.D
 Acq: 25 Jul 2024 13:59

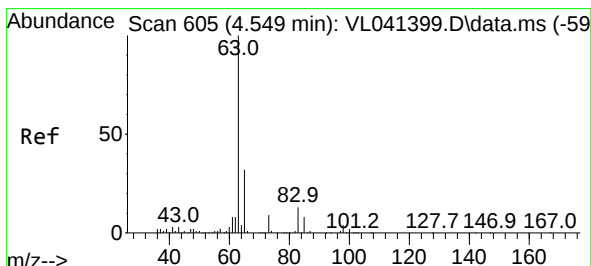
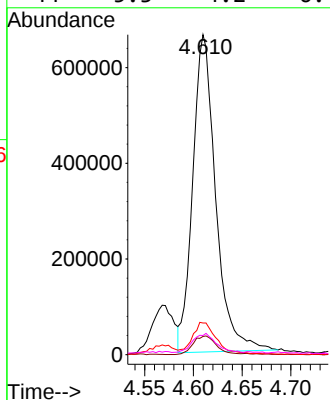
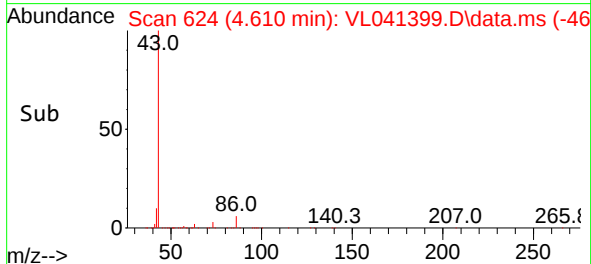
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



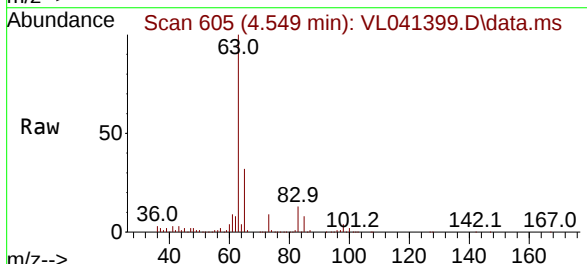
Tgt Ion: 43 Resp: 108531
 Ion Ratio Lower Upper
 43 100
 86 5.7 4.6 6.8
 42 9.9 7.9 11.9
 44 5.3 4.2 6.4

Manual Integrations
 APPROVED

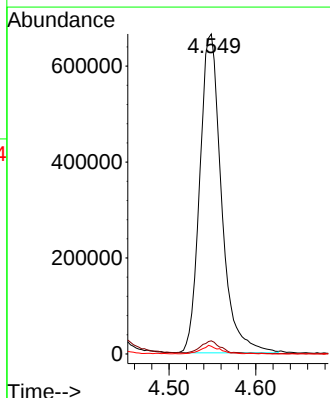
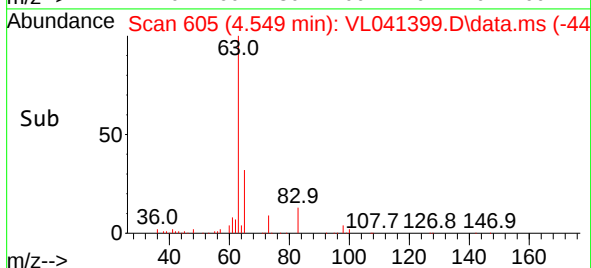
Reviewed By :Semsettin Yesilyurt 07/26/2024
 Supervised By :Mahesh Dadoda 07/29/2024

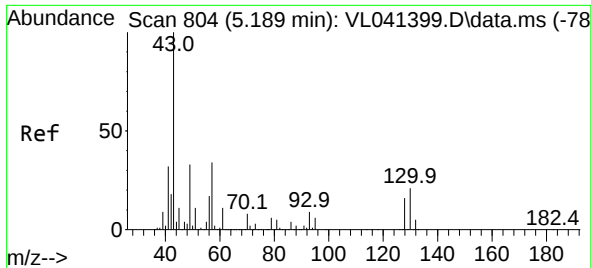


#24
 1,1-Dichloroethane
 Concen: 9.415 ppbv
 RT: 4.549 min Scan# 605
 Delta R.T. 0.000 min
 Lab File: VL041399.D
 Acq: 25 Jul 2024 13:59



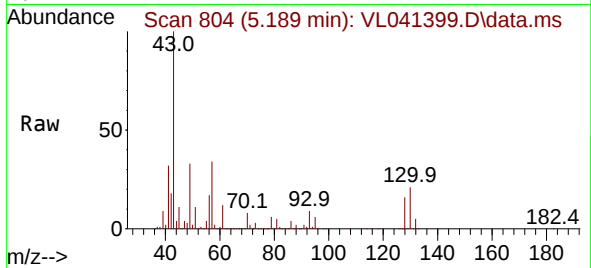
Tgt Ion: 63 Resp: 1154644
 Ion Ratio Lower Upper
 63 100
 98 4.0 2.0 6.0
 100 2.4 1.2 3.6





#25
Ethyl Acetate
Concen: 9.430 ppbv
RT: 5.189 min Scan# 804
Delta R.T. 0.000 min
Lab File: VL041399.D
Acq: 25 Jul 2024 13:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

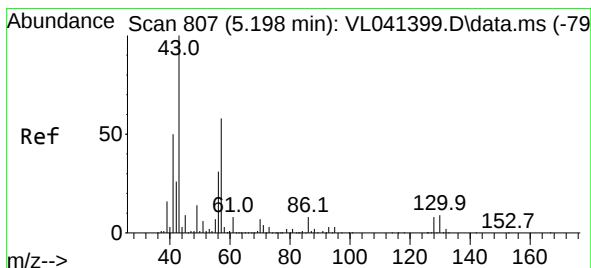
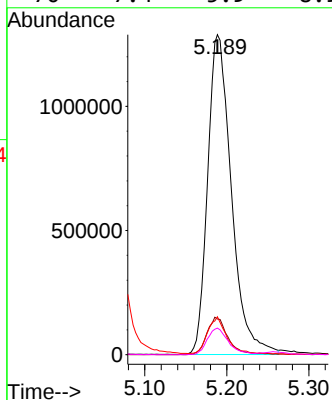
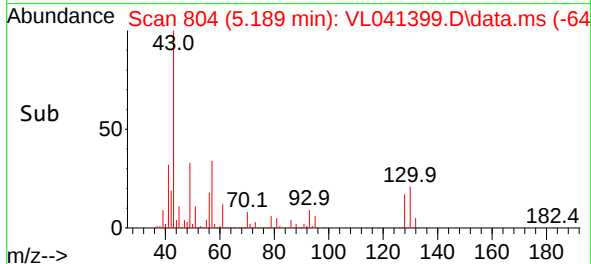


Tgt Ion: 43 Resp: 259729

Ion	Ratio	Lower	Upper
43	100		
45	10.5	8.5	12.7
61	10.0	8.0	12.0
70	7.4	5.9	8.9

Manual Integrations
APPROVED

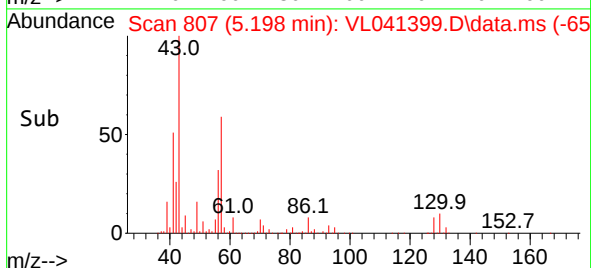
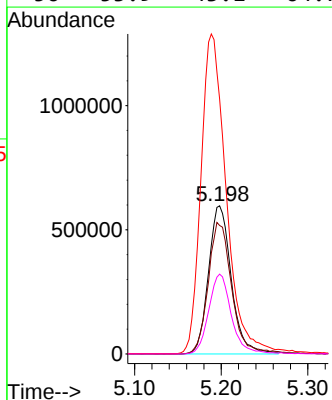
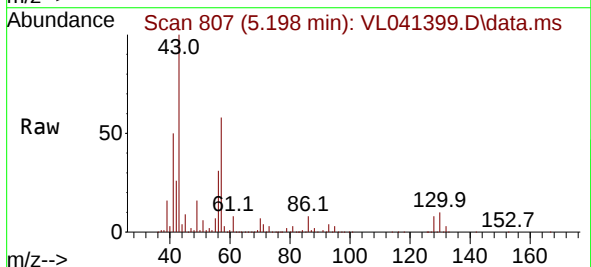
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024

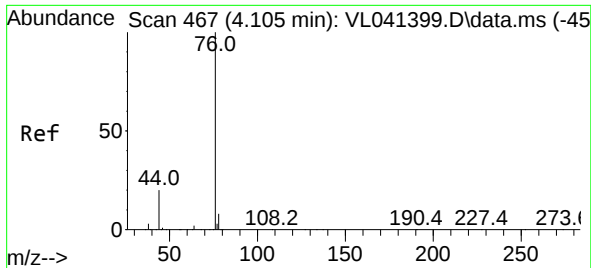


#26
Hexane
Concen: 9.420 ppbv
RT: 5.198 min Scan# 807
Delta R.T. 0.000 min
Lab File: VL041399.D
Acq: 25 Jul 2024 13:59

Tgt Ion: 57 Resp: 1090849

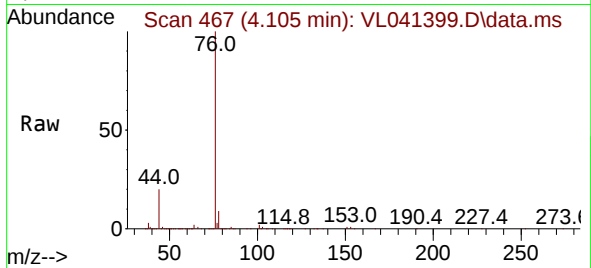
Ion	Ratio	Lower	Upper
57	100		
41	92.5	74.0	111.0
43	242.0	193.6	290.4
56	53.9	43.1	64.7





#27
Carbon Disulfide
Concen: 10.384 ppbv
RT: 4.105 min Scan# 467
Delta R.T. 0.000 min
Lab File: VL041399.D
Acq: 25 Jul 2024 13:59

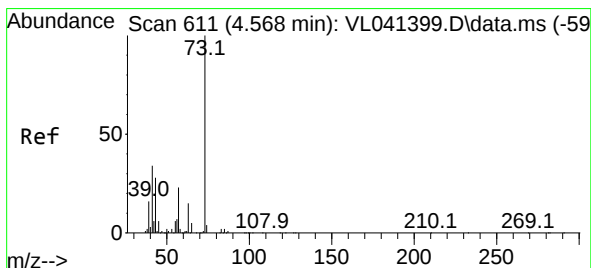
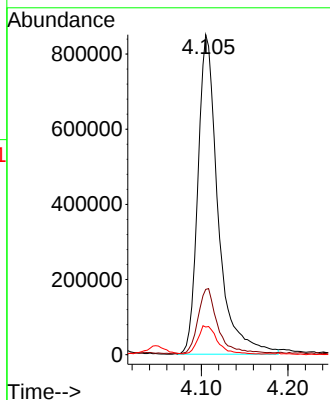
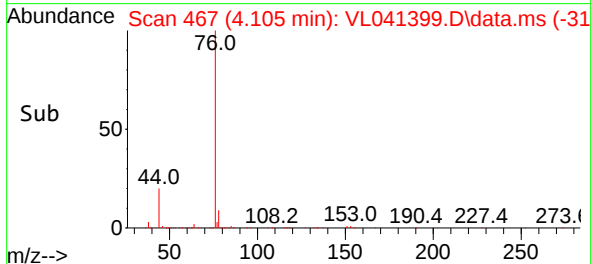
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



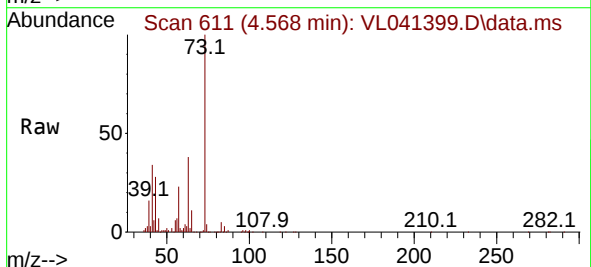
Tgt Ion: 76 Resp: 137502
Ion Ratio Lower Upper
76 100
44 19.6 15.6 23.4
78 9.2 7.7 11.5

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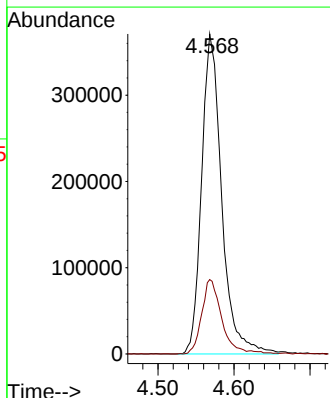
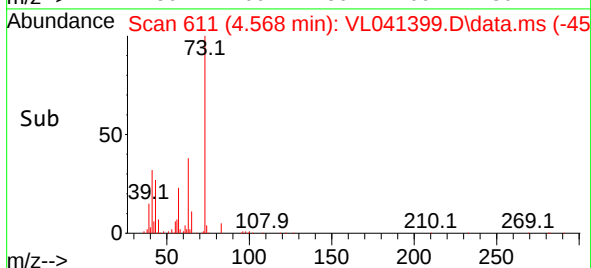
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024

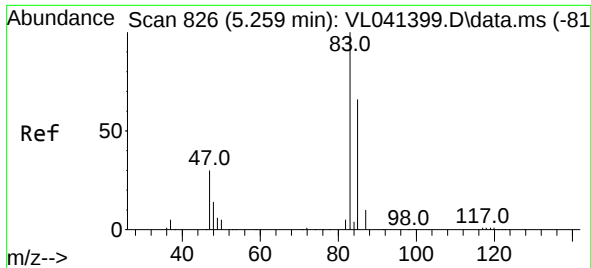


#28
Methyl tert-Butyl Ether
Concen: 9.329 ppbv
RT: 4.568 min Scan# 611
Delta R.T. 0.000 min
Lab File: VL041399.D
Acq: 25 Jul 2024 13:59



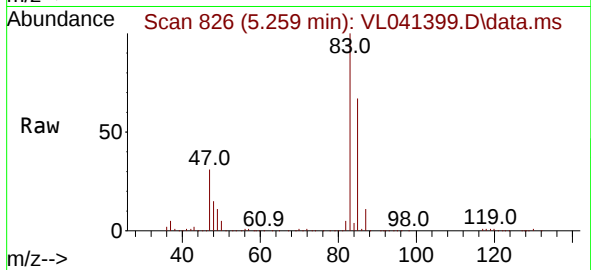
Tgt Ion: 73 Resp: 681033
Ion Ratio Lower Upper
73 100
57 23.6 18.9 28.3





#29
Chloroform
Concen: 9.163 ppbv
RT: 5.259 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL041399.D
Acq: 25 Jul 2024 13:59

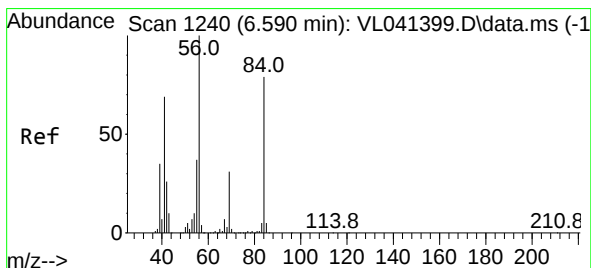
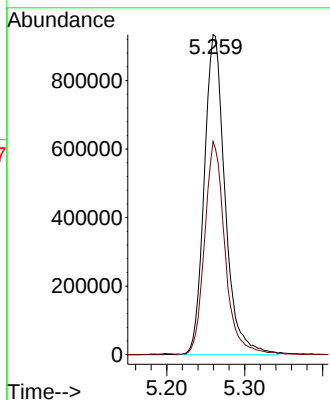
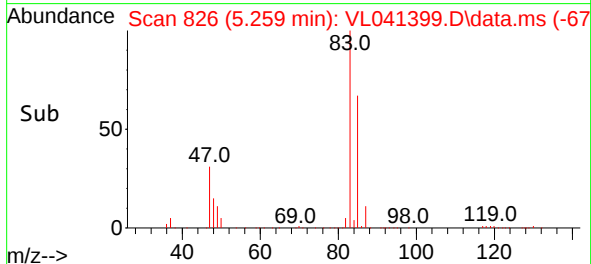
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 83 Resp: 1735318
Ion Ratio Lower Upper
83 100
85 66.4 53.1 79.7

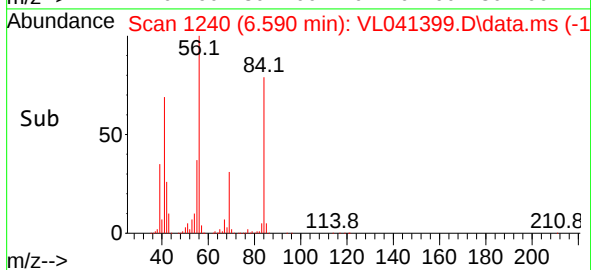
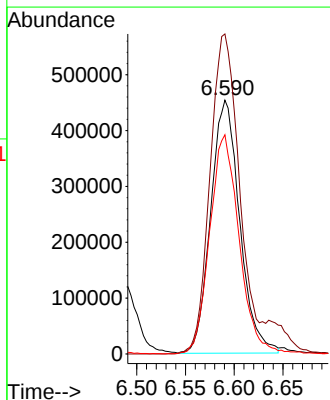
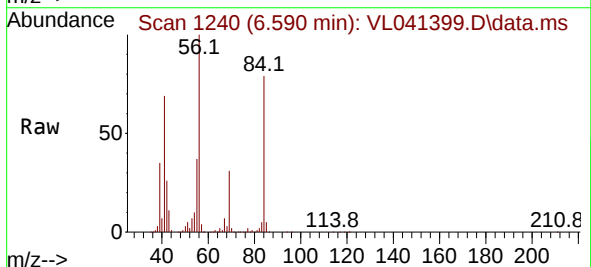
Manual Integrations
APPROVED

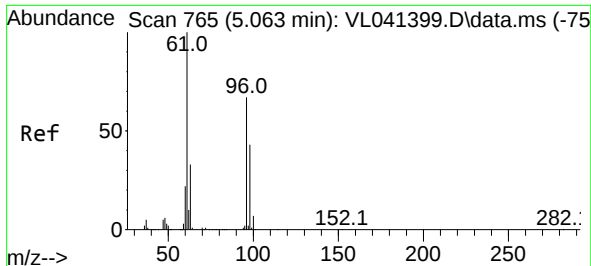
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024



#30
Cyclohexane
Concen: 9.878 ppbv
RT: 6.590 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VL041399.D
Acq: 25 Jul 2024 13:59

Tgt Ion: 84 Resp: 937363
Ion Ratio Lower Upper
84 100
56 138.9 111.2 166.8
41 88.4 70.3 105.5





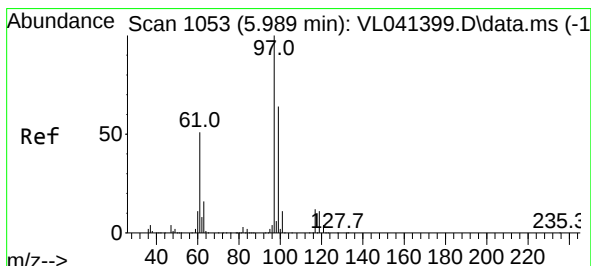
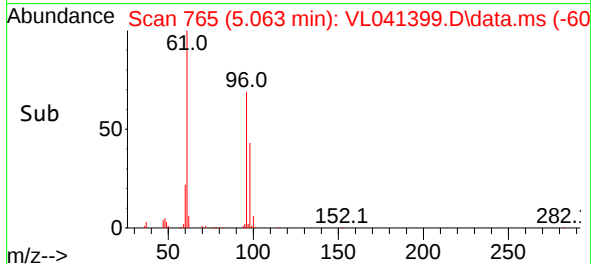
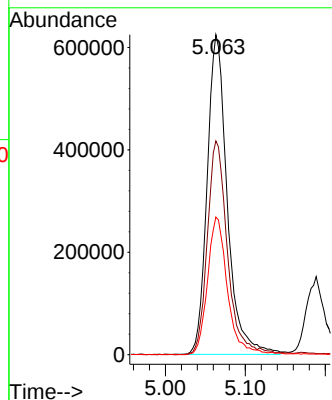
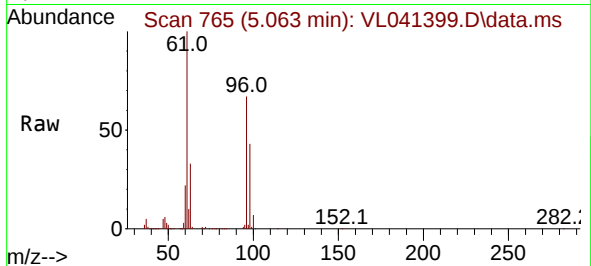
#31
 cis-1,2-Dichloroethene
 Concen: 9.548 ppbv
 RT: 5.063 min Scan# 765
 Delta R.T. 0.000 min
 Lab File: VL041399.D
 Acq: 25 Jul 2024 13:59

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tgt Ion: 61 Resp: 1091838
 Ion Ratio Lower Upper
 61 100
 96 66.8 53.4 80.2
 98 43.0 34.4 51.6

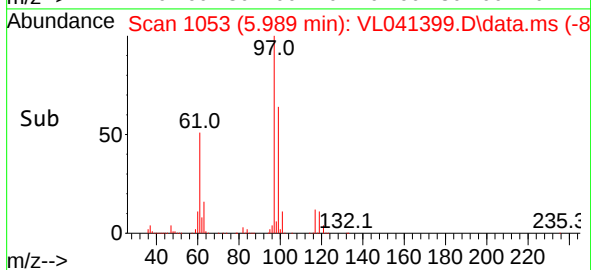
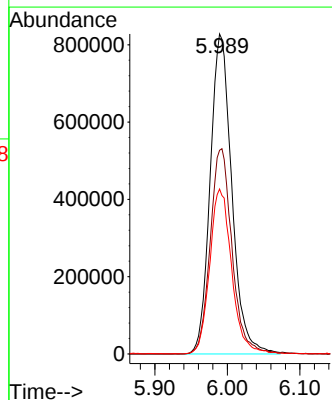
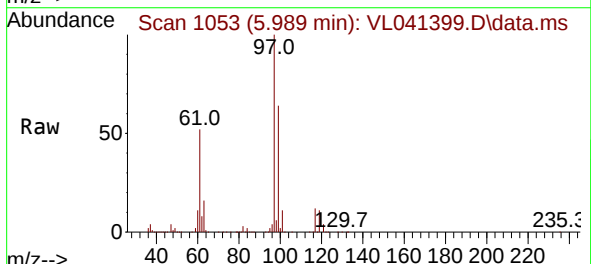
Manual Integrations
 APPROVED

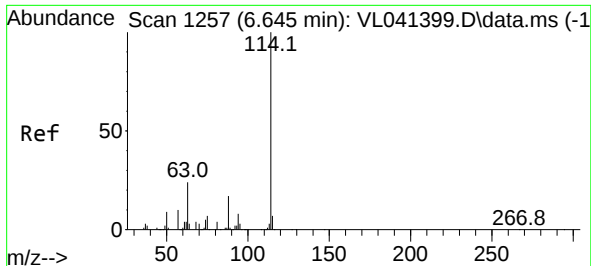
Reviewed By :Semsettin Yesilyurt 07/26/2024
 Supervised By :Mahesh Dadoda 07/29/2024



#32
 1,1,1-Trichloroethane
 Concen: 9.483 ppbv
 RT: 5.989 min Scan# 1053
 Delta R.T. 0.000 min
 Lab File: VL041399.D
 Acq: 25 Jul 2024 13:59

Tgt Ion: 97 Resp: 1715896
 Ion Ratio Lower Upper
 97 100
 99 65.0 52.0 78.0
 61 52.4 41.8 62.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.645 min Scan# 1

Delta R.T. 0.000 min

Lab File: VL041399.D

Acq: 25 Jul 2024 13:59

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:114 Resp: 335335

Ion Ratio Lower Upper

114 100

63 25.4 20.3 30.5

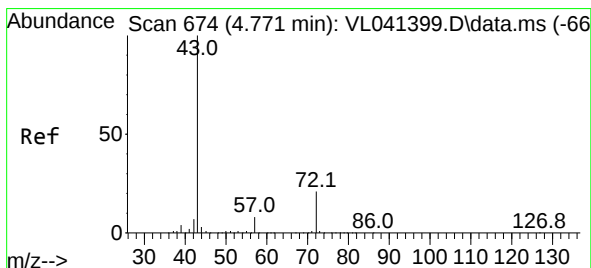
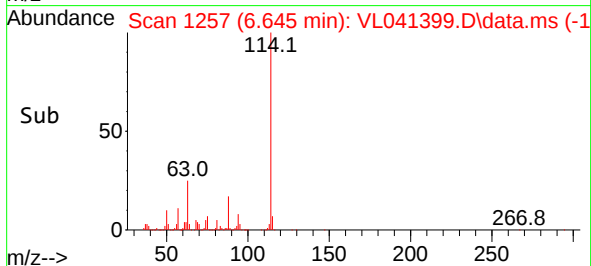
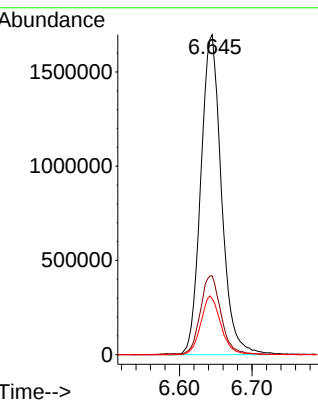
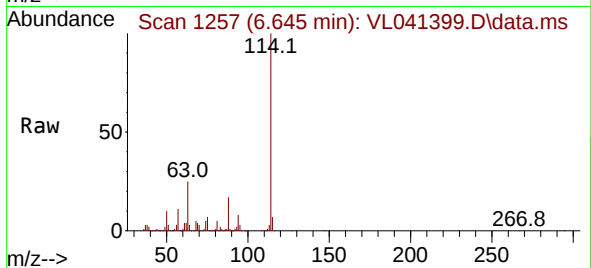
88 17.9 14.3 21.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/26/2024

Supervised By :Mahesh Dadoda 07/29/2024



#34

2-Butanone

Concen: 9.654 ppbv

RT: 4.771 min Scan# 674

Delta R.T. 0.000 min

Lab File: VL041399.D

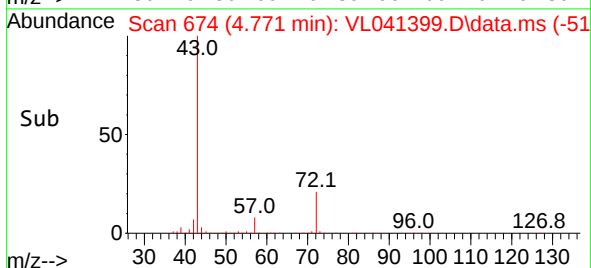
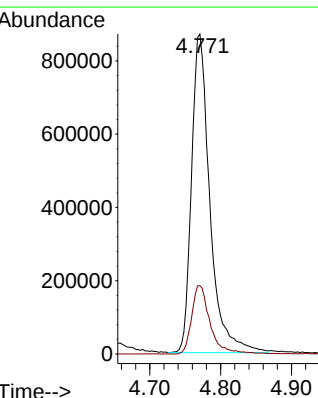
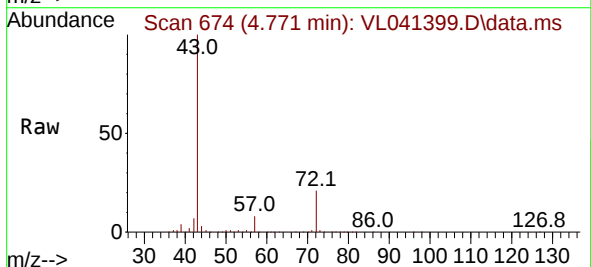
Acq: 25 Jul 2024 13:59

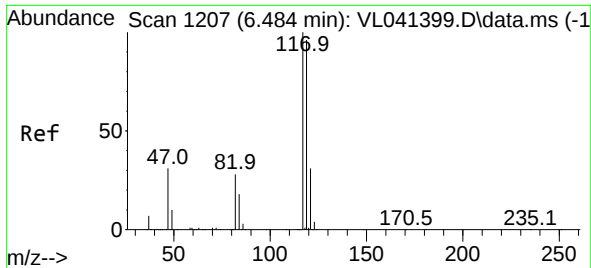
Tgt Ion: 43 Resp: 1567685

Ion Ratio Lower Upper

43 100

72 21.7 17.3 25.9





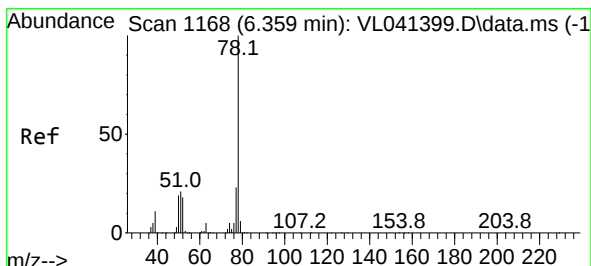
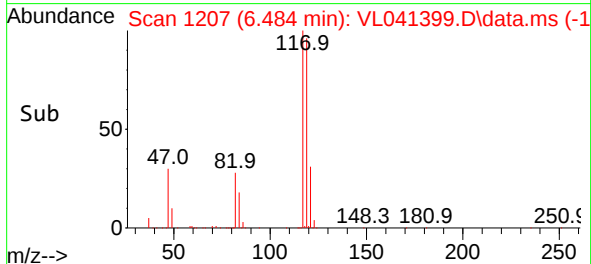
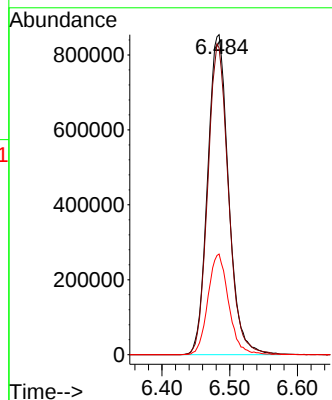
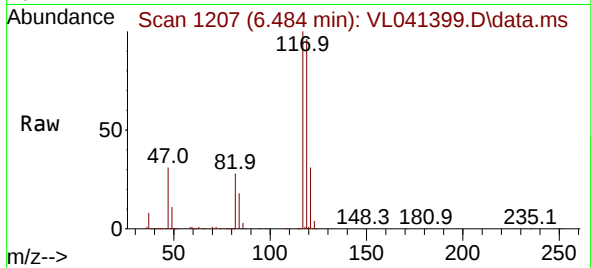
#35
Carbon Tetrachloride
Concen: 9.983 ppbv
RT: 6.484 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VL041399.D
Acq: 25 Jul 2024 13:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:117 Resp: 183605
Ion Ratio Lower Upper
117 100
119 95.8 76.6 115.0
121 31.4 25.1 37.7

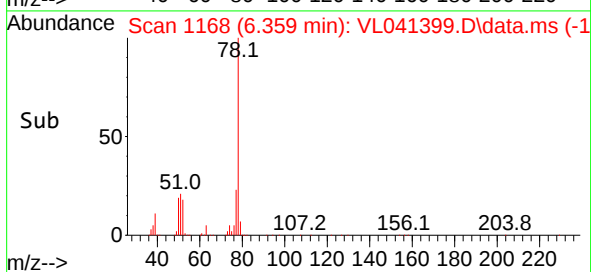
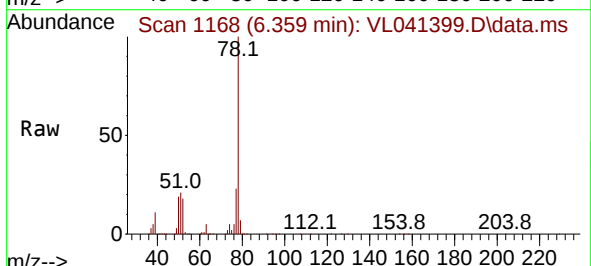
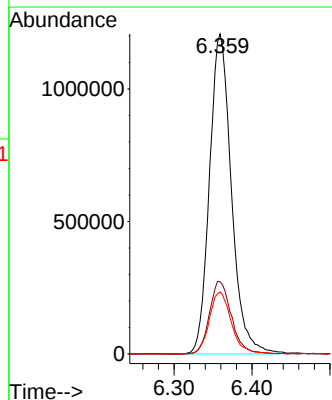
Manual Integrations
APPROVED

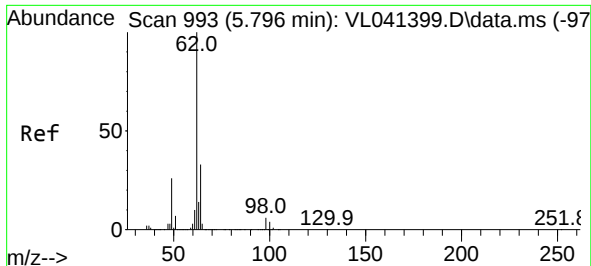
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024



#36
Benzene
Concen: 9.591 ppbv
RT: 6.359 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VL041399.D
Acq: 25 Jul 2024 13:59

Tgt Ion: 78 Resp: 2363293
Ion Ratio Lower Upper
78 100
77 22.6 18.1 27.1
50 19.4 15.5 23.3





#37

1,2-Dichloroethane

Concen: 9.664 ppbv

RT: 5.796 min Scan# 993

Delta R.T. 0.000 min

Lab File: VL041399.D

Acq: 25 Jul 2024 13:59

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 62 Resp: 131769

Ion Ratio Lower Upper

62 100

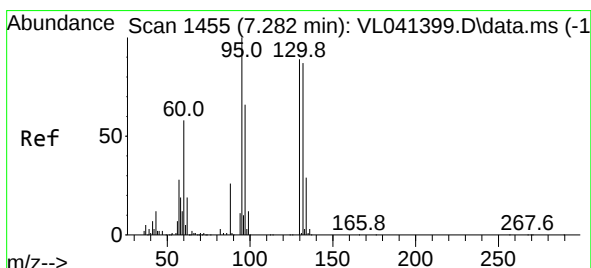
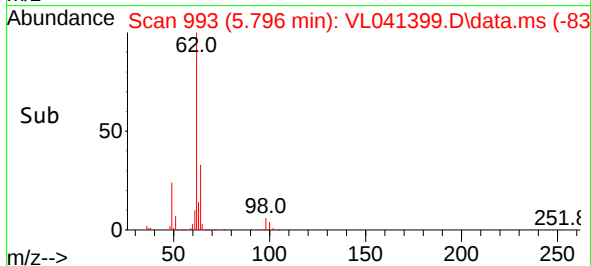
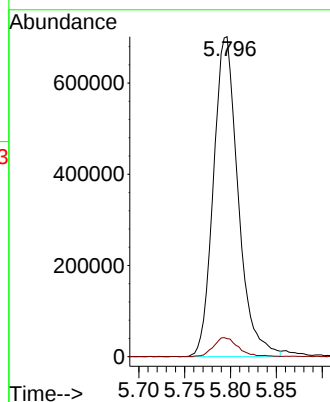
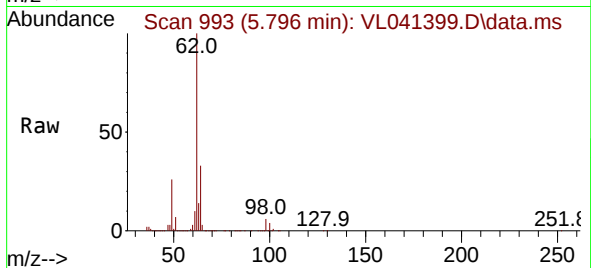
98 6.0 5.0 7.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/26/2024

Supervised By :Mahesh Dadoda 07/29/2024



#38

Trichloroethene

Concen: 9.605 ppbv

RT: 7.282 min Scan# 1455

Delta R.T. 0.000 min

Lab File: VL041399.D

Acq: 25 Jul 2024 13:59

Tgt Ion:130 Resp: 1074518

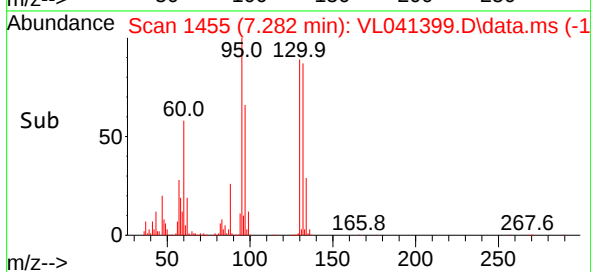
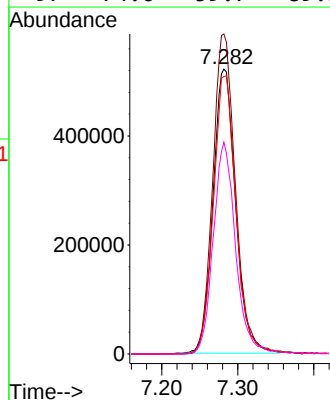
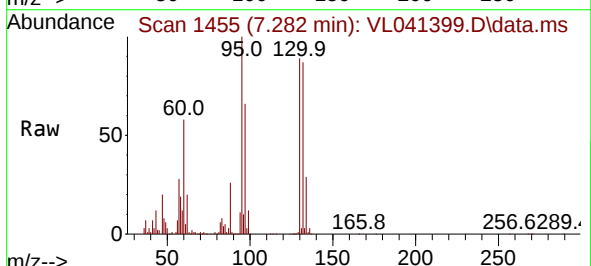
Ion Ratio Lower Upper

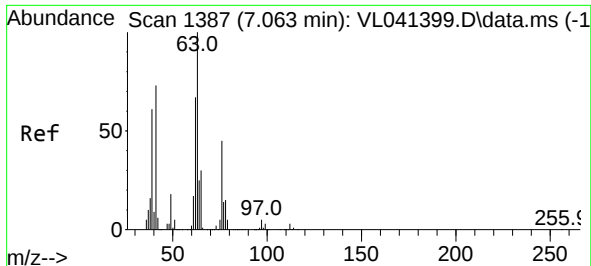
130 100

95 112.7 90.2 135.2

132 97.6 78.1 117.1

97 74.6 59.7 89.5





#39

1,2-Dichloropropane

Concen: 9.403 ppbv

RT: 7.063 min Scan# 1387

Delta R.T. 0.000 min

Lab File: VL041399.D

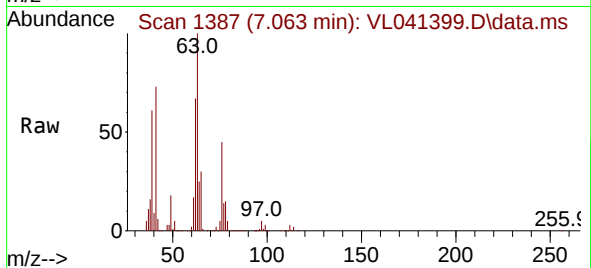
Acq: 25 Jul 2024 13:59

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

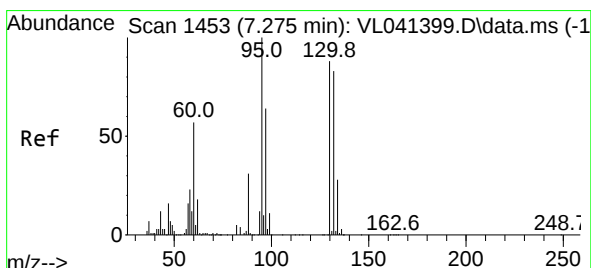
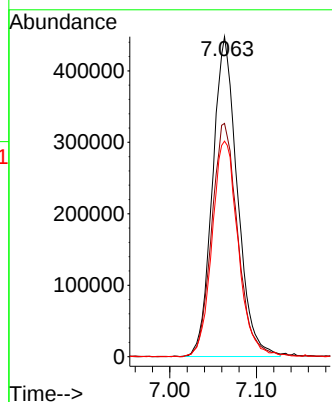
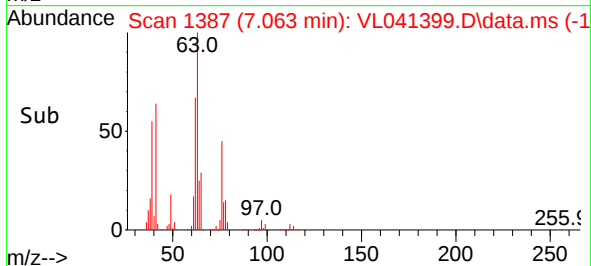


Tgt Ion:	63	Resp:	89151
Ion Ratio	Lower	Upper	
63	100		
41	72.9	58.3	87.5
62	67.4	53.9	80.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024



#40

1,4-Dioxane

Concen: 11.177 ppbv

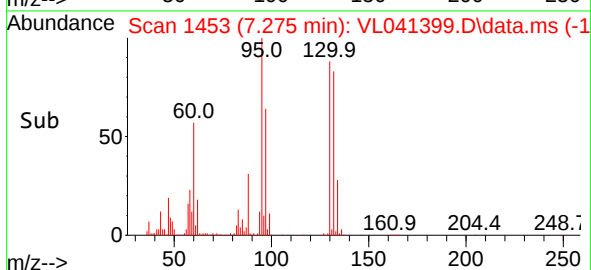
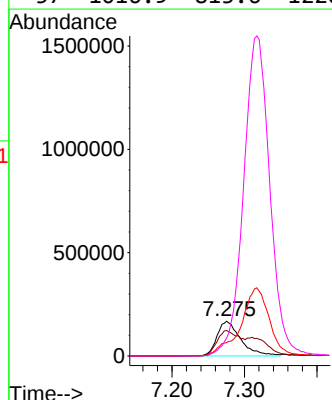
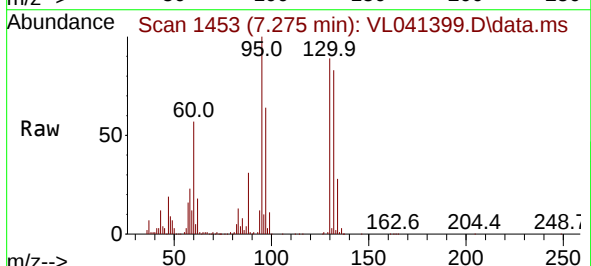
RT: 7.275 min Scan# 1453

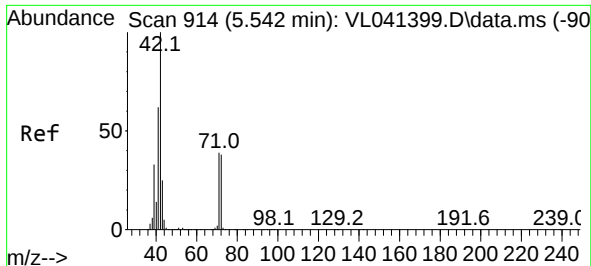
Delta R.T. 0.000 min

Lab File: VL041399.D

Acq: 25 Jul 2024 13:59

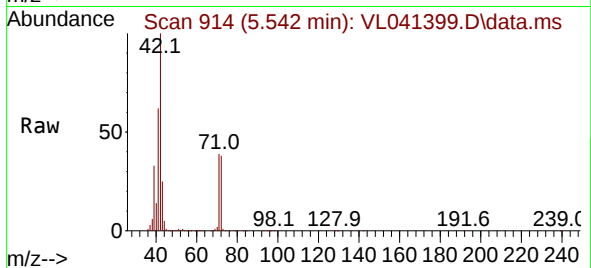
Tgt Ion:	88	Resp:	384473
Ion Ratio	Lower	Upper	
88	100		
58	120.6	95.8	143.6
43	238.4	188.2	282.2
57	1016.9	813.6	1220.4





#41
Tetrahydrofuran
Concen: 9.892 ppbv
RT: 5.542 min Scan# 914
Delta R.T. 0.000 min
Lab File: VL041399.D
Acq: 25 Jul 2024 13:59

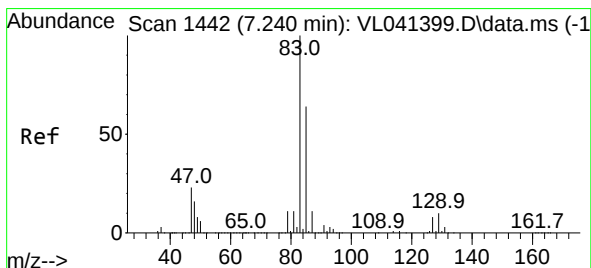
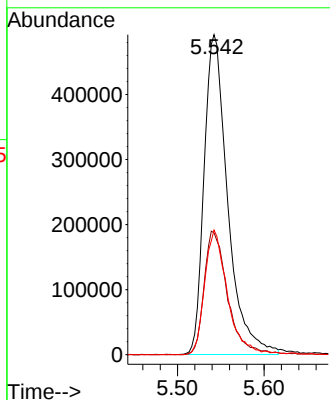
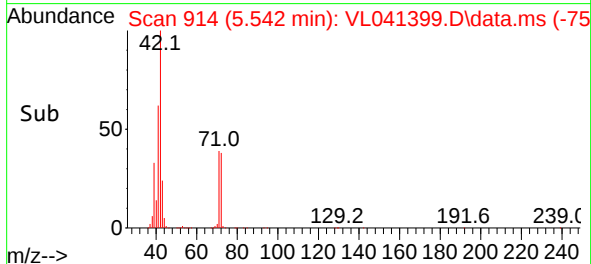
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 42 Resp: 931064
Ion Ratio Lower Upper
42 100
72 39.0 31.2 46.8
71 38.1 30.5 45.7

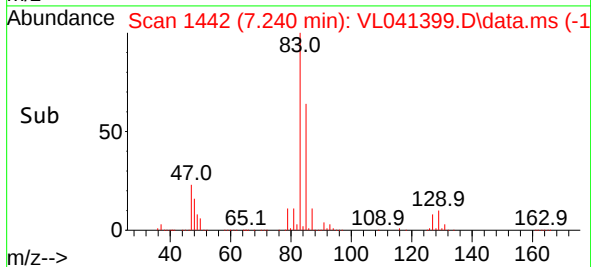
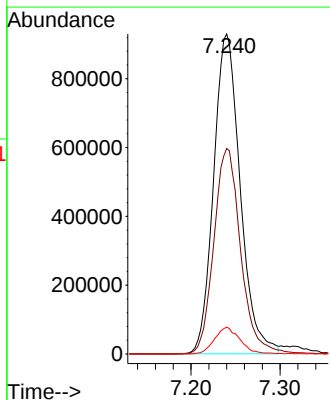
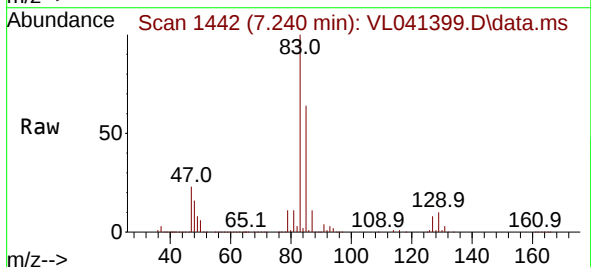
Manual Integrations
APPROVED

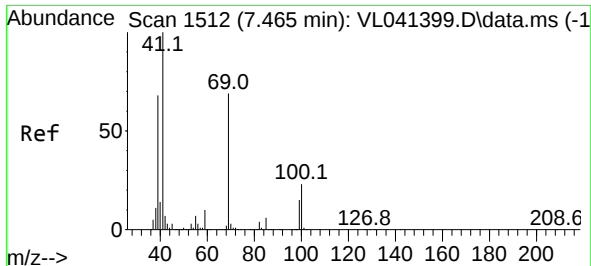
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024



#42
Bromodichloromethane
Concen: 9.793 ppbv
RT: 7.240 min Scan# 1442
Delta R.T. 0.000 min
Lab File: VL041399.D
Acq: 25 Jul 2024 13:59

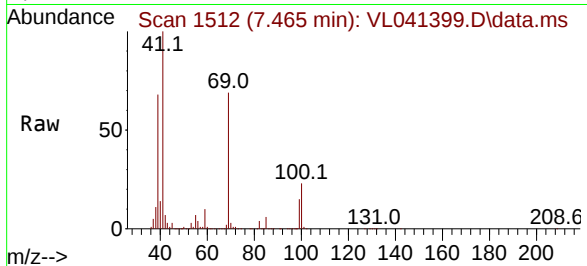
Tgt Ion: 83 Resp: 1932798
Ion Ratio Lower Upper
83 100
85 64.2 51.4 77.0
127 8.4 6.7 10.1





#43
Methyl Methacrylate
Concen: 10.646 ppbv
RT: 7.465 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VL041399.D
Acq: 25 Jul 2024 13:59

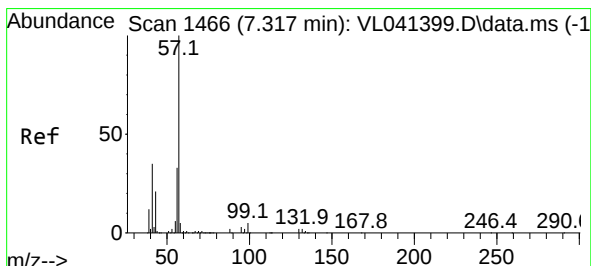
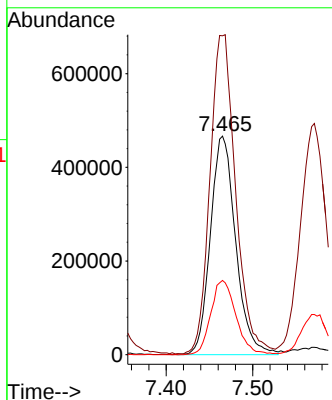
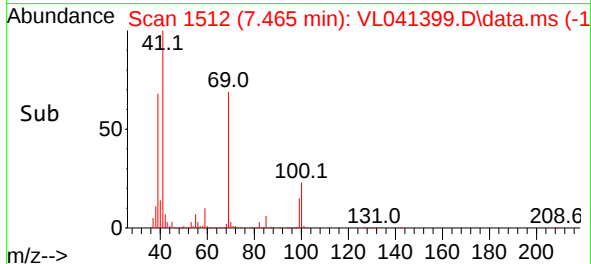
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



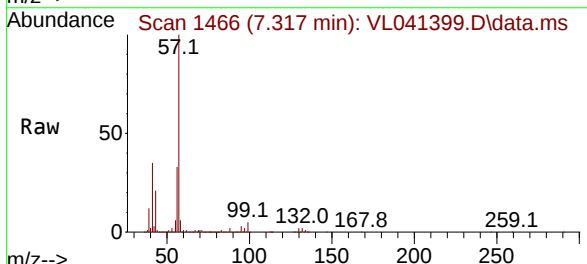
Tgt Ion: 69 Resp: 94852
Ion Ratio Lower Upper
69 100
41 148.4 118.7 178.1
100 33.7 27.0 40.4

Manual Integrations
APPROVED

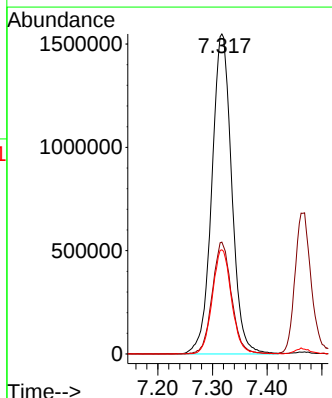
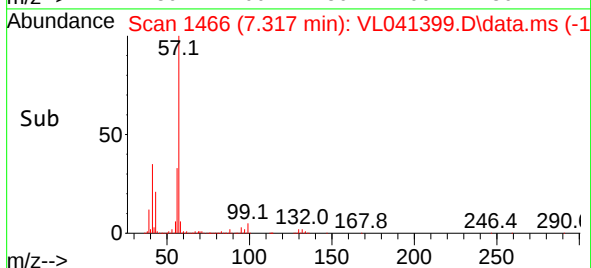
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024

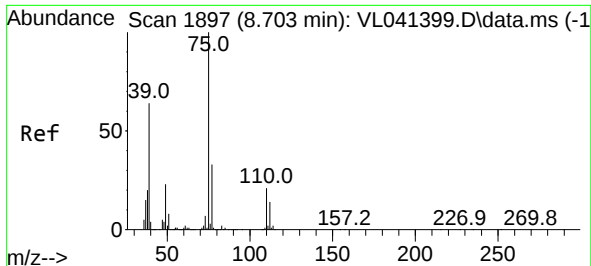


#44
2,2,4-Trimethylpentane
Concen: 9.554 ppbv
RT: 7.317 min Scan# 1466
Delta R.T. 0.000 min
Lab File: VL041399.D
Acq: 25 Jul 2024 13:59



Tgt Ion: 57 Resp: 3907968
Ion Ratio Lower Upper
57 100
41 33.8 27.0 40.6
56 31.5 25.2 37.8





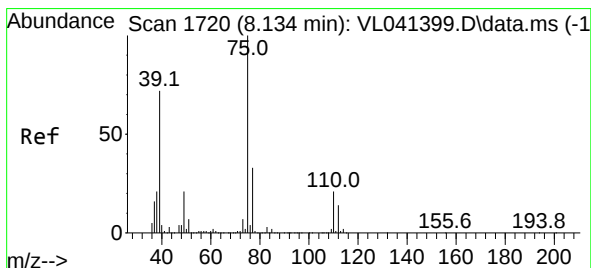
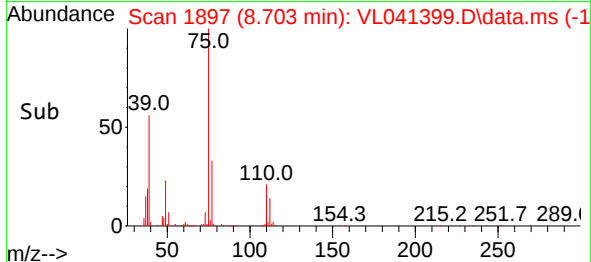
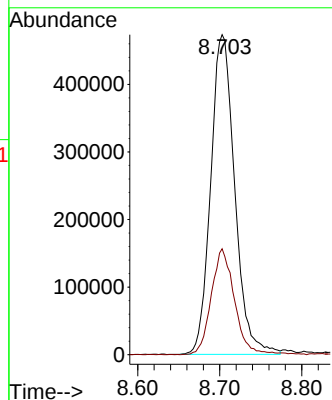
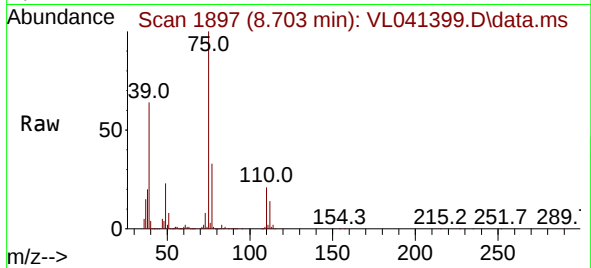
#45
 t-1,3-Dichloropropene
 Concen: 11.835 ppbv
 RT: 8.703 min Scan# 1897
 Delta R.T. 0.000 min
 Lab File: VL041399.D
 Acq: 25 Jul 2024 13:59

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tgt Ion: 75 Resp: 96338
 Ion Ratio Lower Upper
 75 100
 77 33.1 26.5 39.7

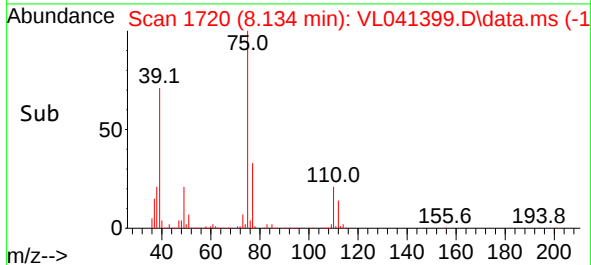
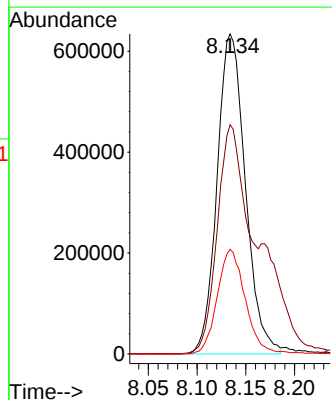
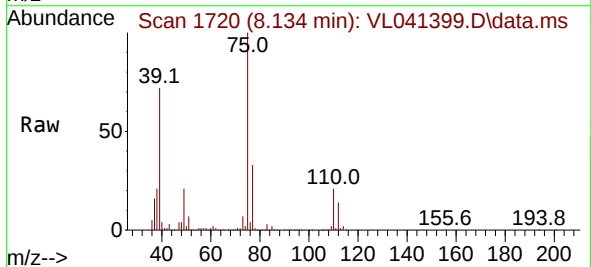
Manual Integrations
 APPROVED

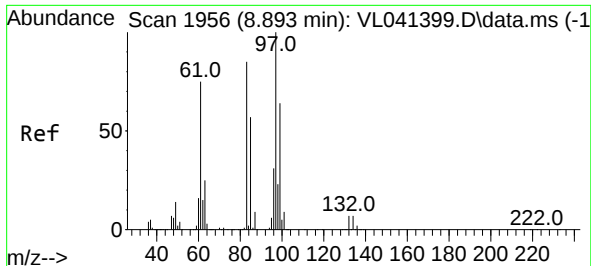
Reviewed By :Semsettin Yesilyurt 07/26/2024
 Supervised By :Mahesh Dadoda 07/29/2024



#46
 cis-1,3-Dichloropropene
 Concen: 10.855 ppbv
 RT: 8.134 min Scan# 1720
 Delta R.T. 0.000 min
 Lab File: VL041399.D
 Acq: 25 Jul 2024 13:59

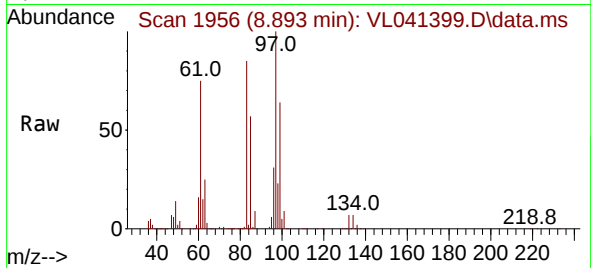
Tgt Ion: 75 Resp: 1281640
 Ion Ratio Lower Upper
 75 100
 39 71.6 57.3 85.9
 77 32.7 26.2 39.2





#47
1,1,2-Trichloroethane
Concen: 9.602 ppbv
RT: 8.893 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VL041399.D
Acq: 25 Jul 2024 13:59

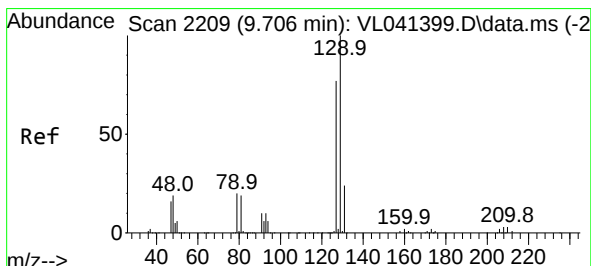
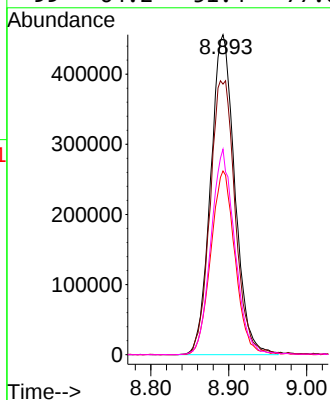
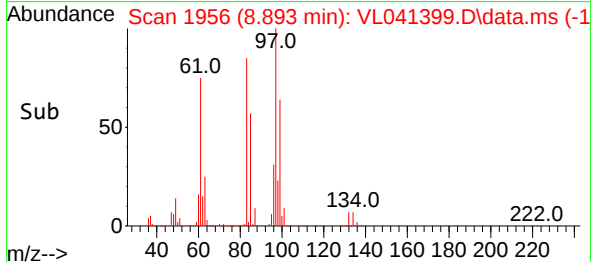
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 97 Resp: 987010
Ion Ratio Lower Upper
97 100
83 84.5 67.6 101.4
85 57.4 45.9 68.9
99 64.2 51.4 77.0

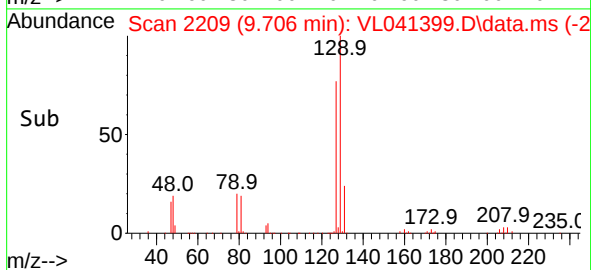
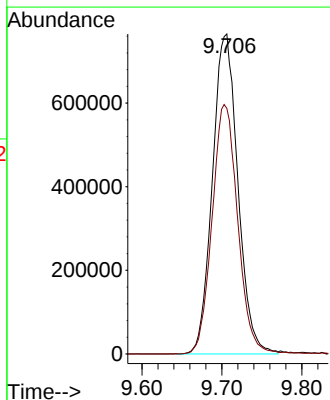
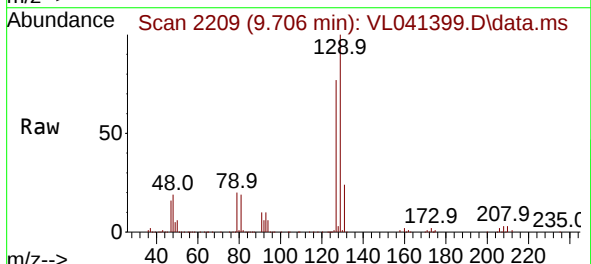
Manual Integrations
APPROVED

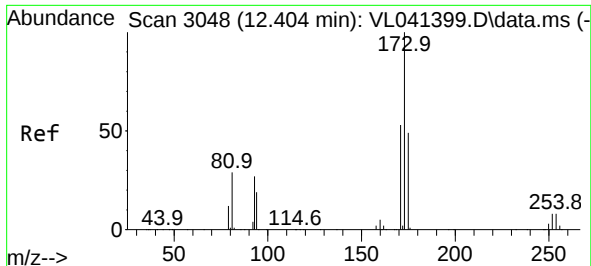
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024



#48
Dibromochloromethane
Concen: 10.224 ppbv
RT: 9.706 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VL041399.D
Acq: 25 Jul 2024 13:59

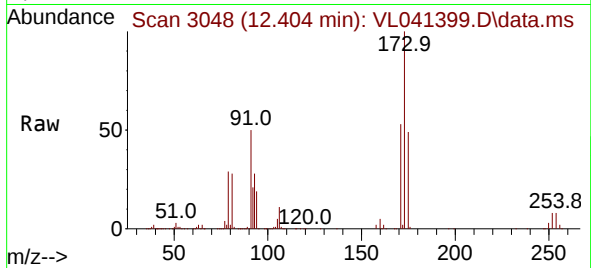
Tgt Ion:129 Resp: 1692234
Ion Ratio Lower Upper
129 100
127 78.5 39.3 117.8





#49
Bromoform
Concen: 10.670 ppbv
RT: 12.404 min Scan# 3048
Delta R.T. 0.000 min
Lab File: VL041399.D
Acq: 25 Jul 2024 13:59

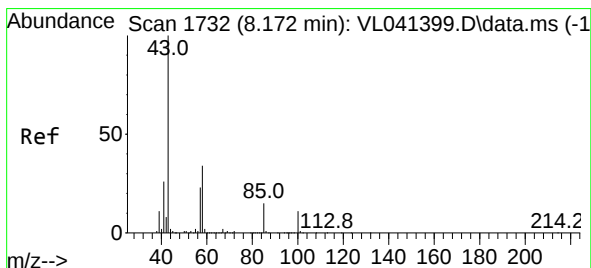
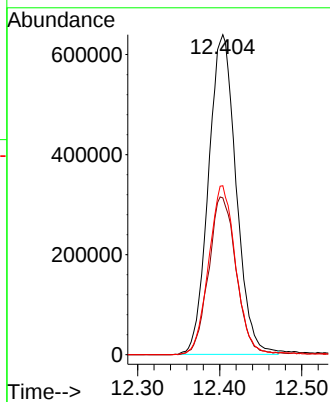
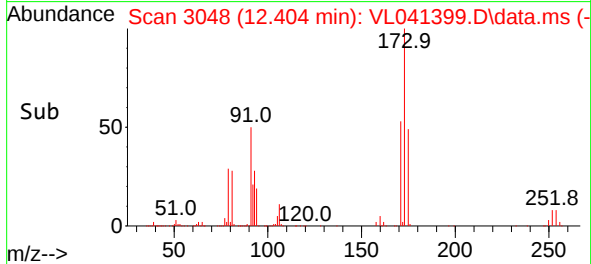
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion:173 Resp: 1496230
Ion Ratio Lower Upper
173 100
175 49.2 39.9 59.9
171 52.1 41.7 62.5

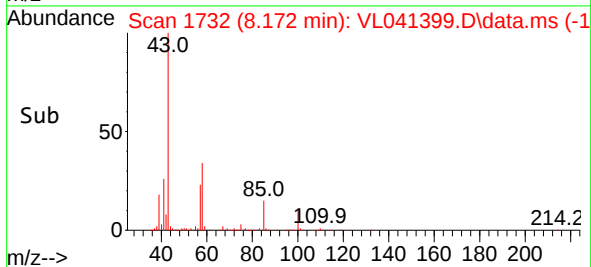
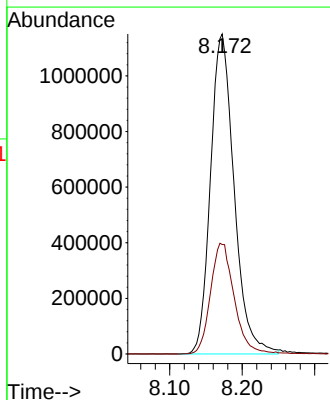
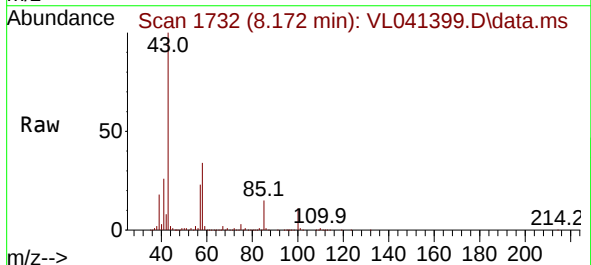
Manual Integrations
APPROVED

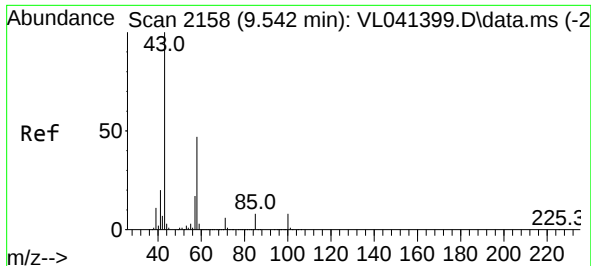
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024



#50
4-Methyl-2-Pentanone
Concen: 10.051 ppbv
RT: 8.172 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VL041399.D
Acq: 25 Jul 2024 13:59

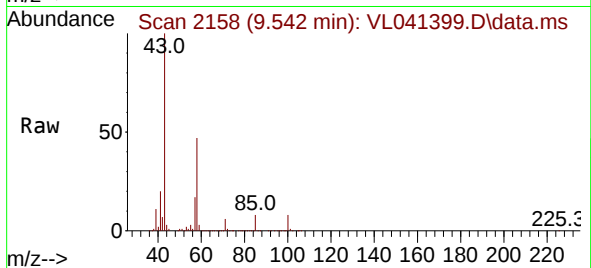
Tgt Ion: 43 Resp: 2603717
Ion Ratio Lower Upper
43 100
58 34.9 27.9 41.9





#51
2-Hexanone
Concen: 10.819 ppbv
RT: 9.542 min Scan# 2158
Delta R.T. 0.000 min
Lab File: VL041399.D
Acq: 25 Jul 2024 13:59

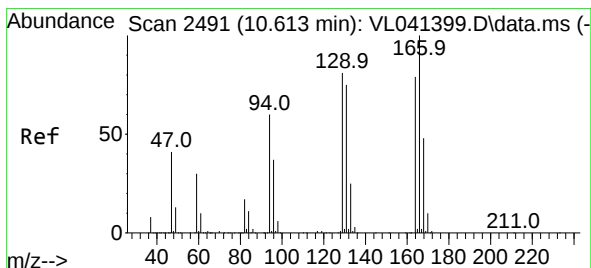
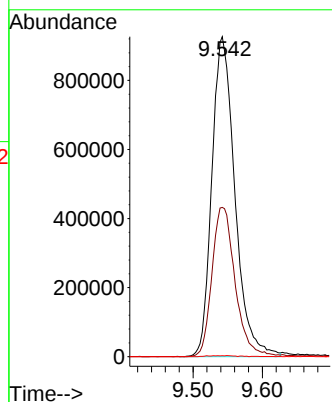
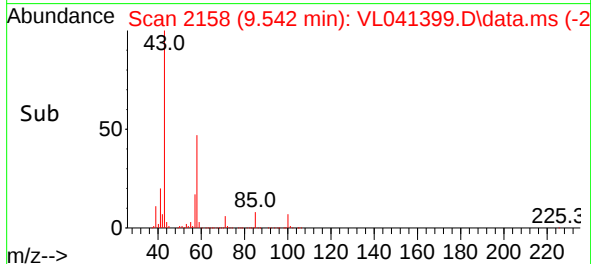
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



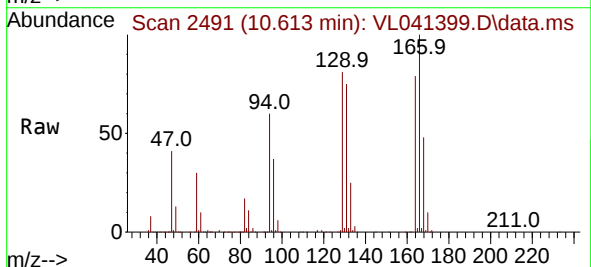
Tgt Ion: 43 Resp: 214134
Ion Ratio Lower Upper
43 100
58 47.6 38.2 57.2
98 0.5 0.3 0.5

Manual Integrations
APPROVED

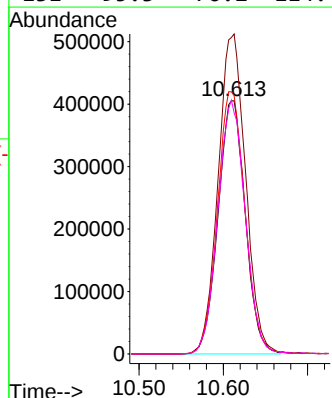
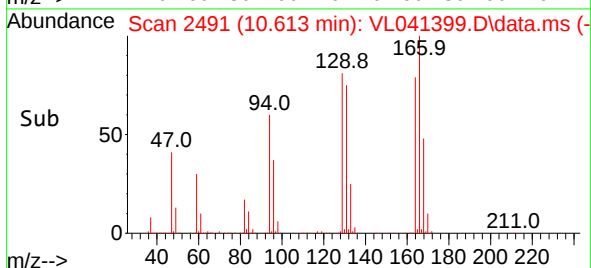
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024

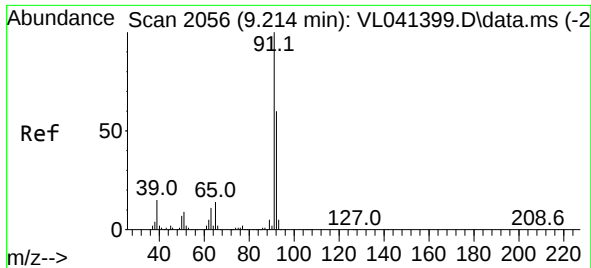


#52
Tetrachloroethene
Concen: 9.585 ppbv
RT: 10.613 min Scan# 2491
Delta R.T. 0.000 min
Lab File: VL041399.D
Acq: 25 Jul 2024 13:59



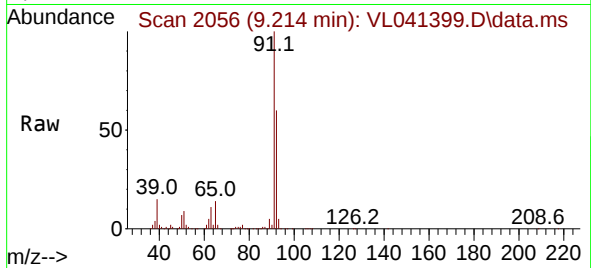
Tgt Ion:164 Resp: 907950
Ion Ratio Lower Upper
164 100
166 126.4 101.1 151.7
129 102.1 81.7 122.5
131 95.3 76.2 114.4





#53
Toluene
Concen: 10.036 ppbv
RT: 9.214 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VL041399.D
Acq: 25 Jul 2024 13:59

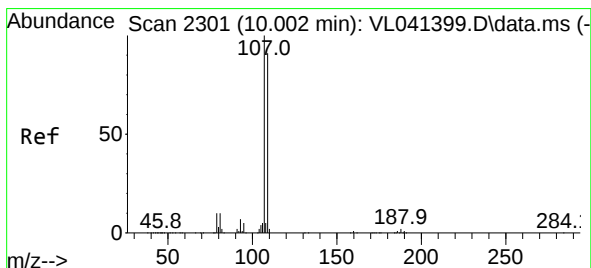
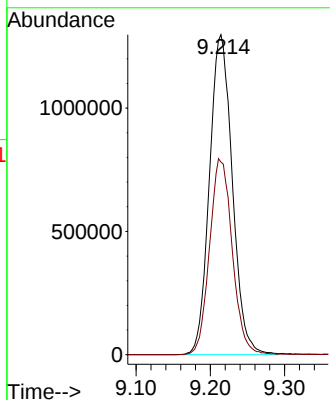
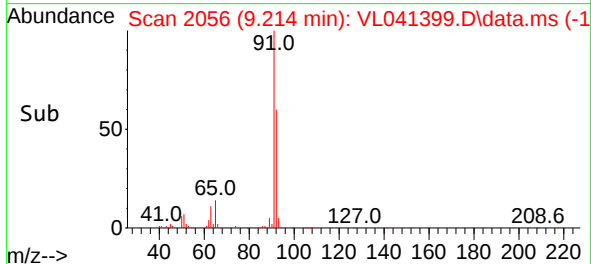
Instrument : MSVOA_L
ClientSampleId : VSTDICCC010



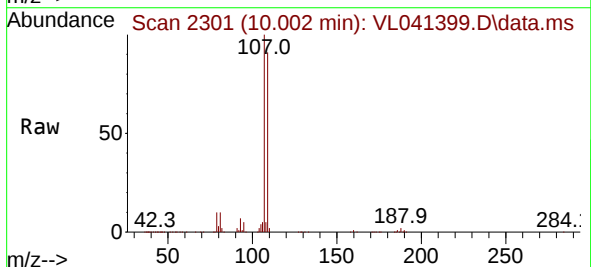
Tgt Ion: 91 Resp: 2779504
Ion Ratio Lower Upper
91 100
92 60.9 48.7 73.1

Manual Integrations
APPROVED

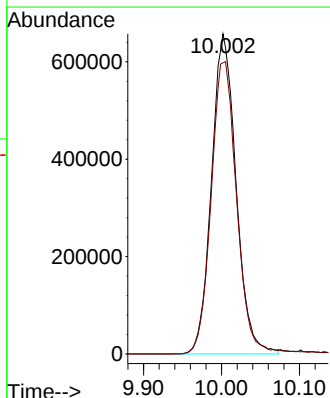
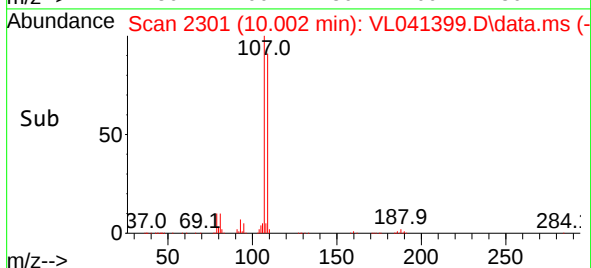
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024

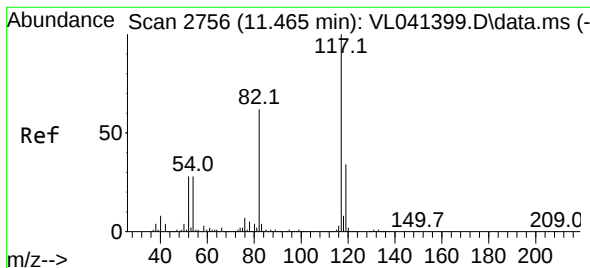


#54
1,2-Dibromoethane
Concen: 10.342 ppbv
RT: 10.002 min Scan# 2301
Delta R.T. 0.000 min
Lab File: VL041399.D
Acq: 25 Jul 2024 13:59



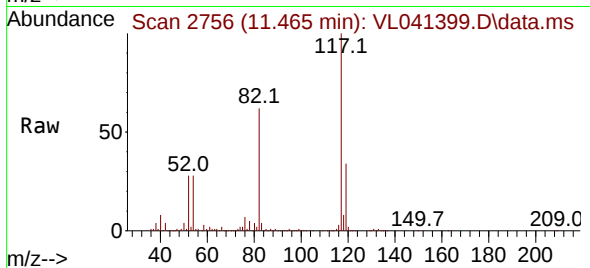
Tgt Ion:107 Resp: 1438535
Ion Ratio Lower Upper
107 100
109 90.9 72.7 109.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.465 min Scan# 2756
Delta R.T. 0.000 min
Lab File: VL041399.D
Acq: 25 Jul 2024 13:59

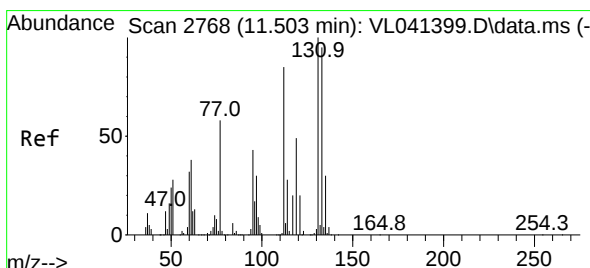
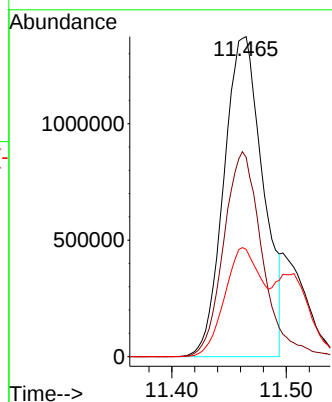
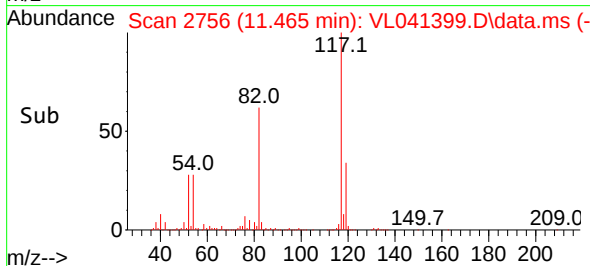
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion:117 Resp: 326083
Ion Ratio Lower Upper
117 100
82 64.1 51.0 76.6
119 32.2 45.2 67.8

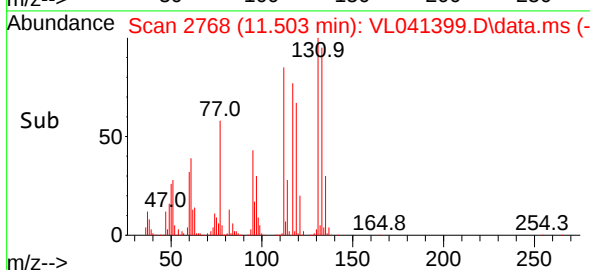
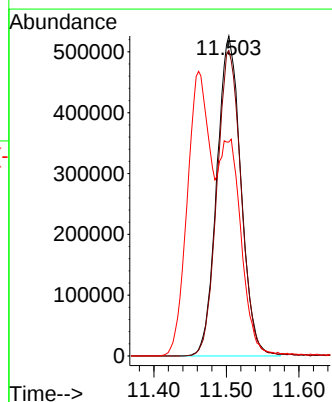
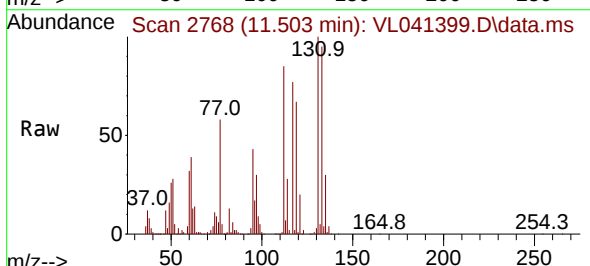
Manual Integrations
APPROVED

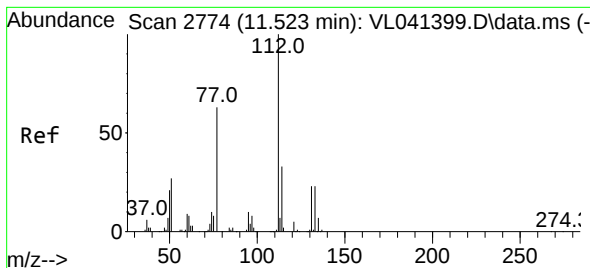
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024



#56
1,1,1,2-Tetrachloroethane
Concen: 9.640 ppbv
RT: 11.503 min Scan# 2768
Delta R.T. 0.000 min
Lab File: VL041399.D
Acq: 25 Jul 2024 13:59

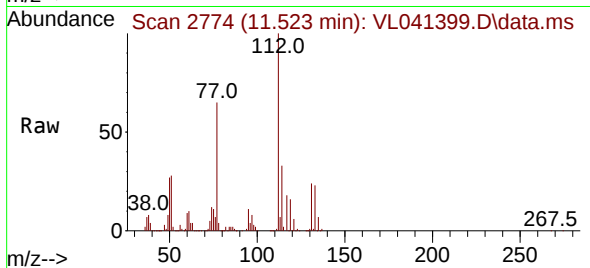
Tgt Ion:131 Resp: 1213659
Ion Ratio Lower Upper
131 100
133 96.6 77.0 115.4
119 65.1 121.5 182.3





#57
Chlorobenzene
Concen: 9.343 ppbv
RT: 11.523 min Scan# 211
Delta R.T. 0.000 min
Lab File: VL041399.D
Acq: 25 Jul 2024 13:59

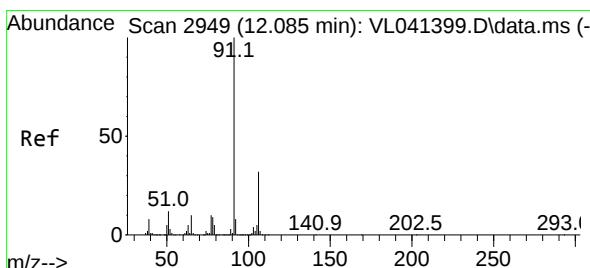
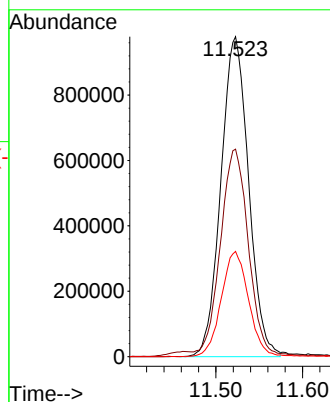
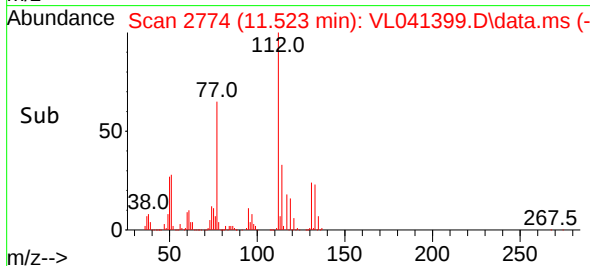
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



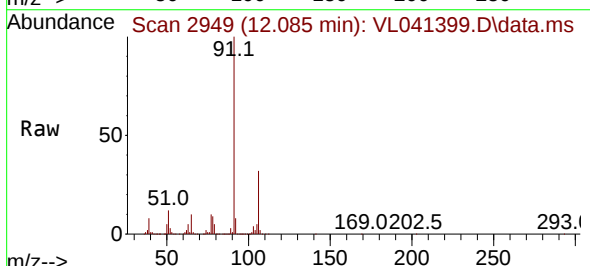
Tgt Ion:112 Resp: 217426
Ion Ratio Lower Upper
112 100
77 63.9 51.1 76.7
114 32.8 29.5 36.1

Manual Integrations
APPROVED

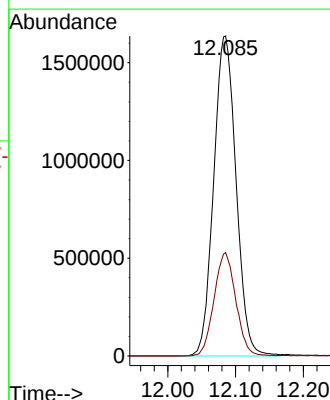
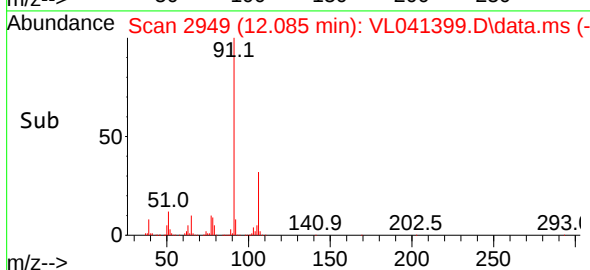
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024

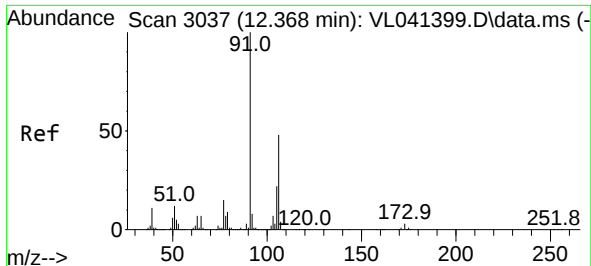


#58
Ethyl Benzene
Concen: 9.870 ppbv
RT: 12.085 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VL041399.D
Acq: 25 Jul 2024 13:59



Tgt Ion: 91 Resp: 3752771
Ion Ratio Lower Upper
91 100
106 32.3 25.8 38.8





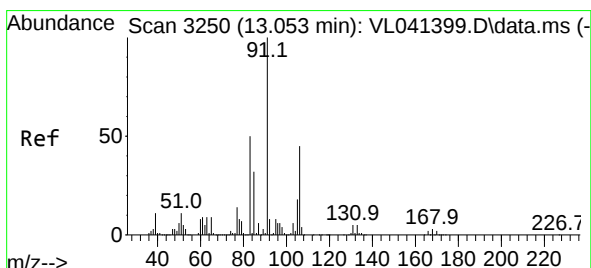
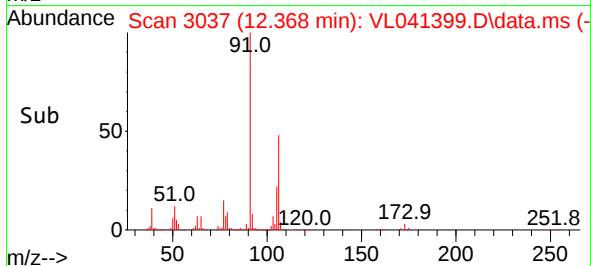
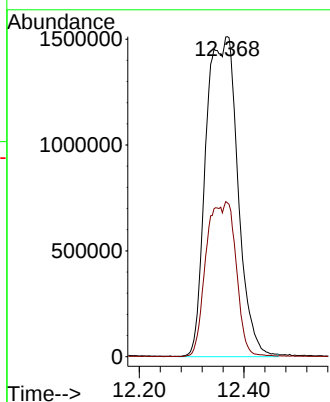
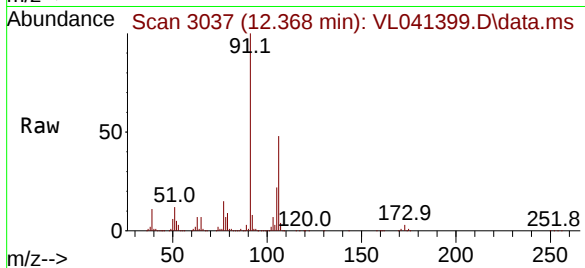
#59
m/p-Xylene
Concen: 19.609 ppbv m
RT: 12.368 min Scan# 3037
Delta R.T. 0.000 min
Lab File: VL041399.D
Acq: 25 Jul 2024 13:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 6382118
Ion Ratio Lower Upper
91 100
106 45.4 36.3 54.5

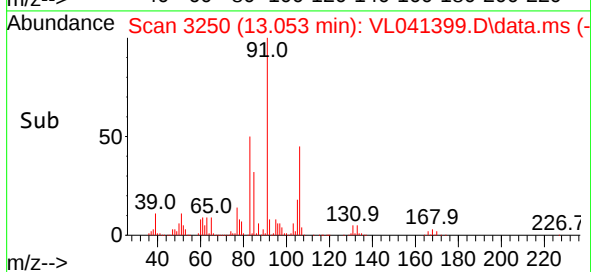
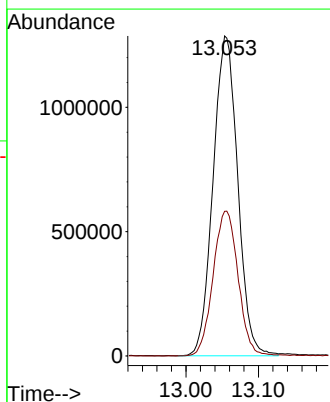
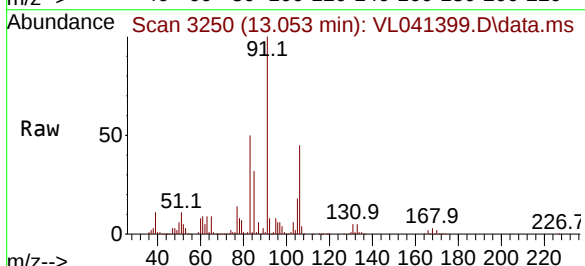
Manual Integrations
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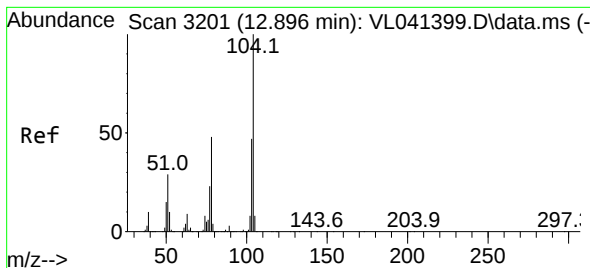
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024



#60
o-Xylene
Concen: 9.732 ppbv
RT: 13.053 min Scan# 3250
Delta R.T. 0.000 min
Lab File: VL041399.D
Acq: 25 Jul 2024 13:59

Tgt Ion: 91 Resp: 3036791
Ion Ratio Lower Upper
91 100
106 46.2 23.1 69.3





#61

Styrene

Concen: 10.748 ppbv

RT: 12.896 min Scan# 3201

Delta R.T. 0.000 min

Lab File: VL041399.D

Acq: 25 Jul 2024 13:59

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:104 Resp: 1513410

Ion Ratio Lower Upper

104 100

78 50.9 40.8 61.2

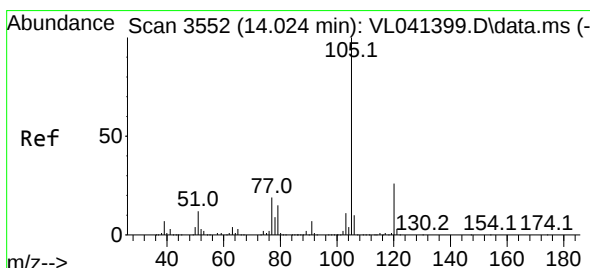
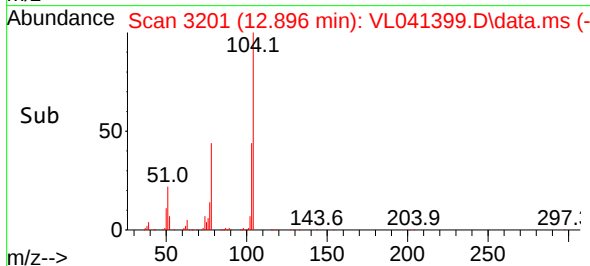
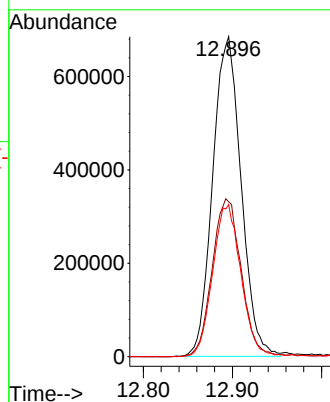
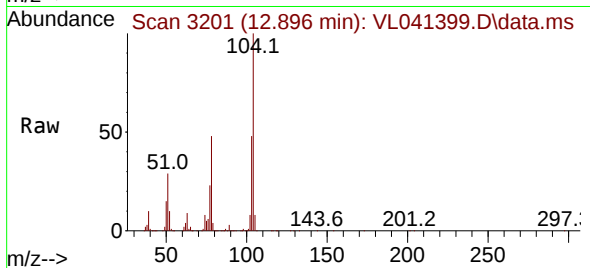
103 47.8 38.2 57.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/26/2024

Supervised By :Mahesh Dadoda 07/29/2024



#62

Isopropylbenzene

Concen: 9.595 ppbv

RT: 14.024 min Scan# 3552

Delta R.T. 0.000 min

Lab File: VL041399.D

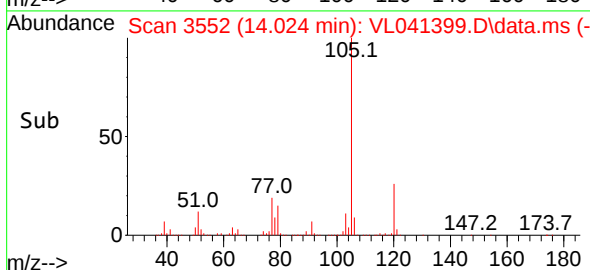
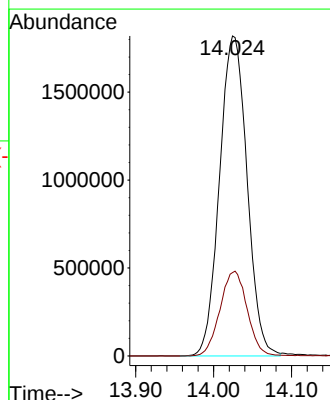
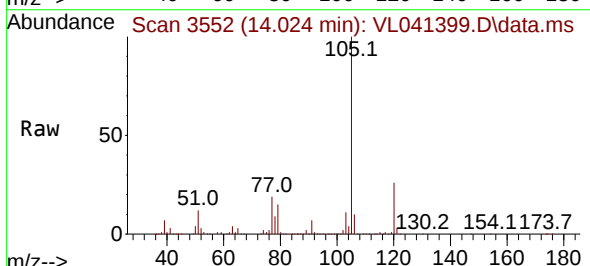
Acq: 25 Jul 2024 13:59

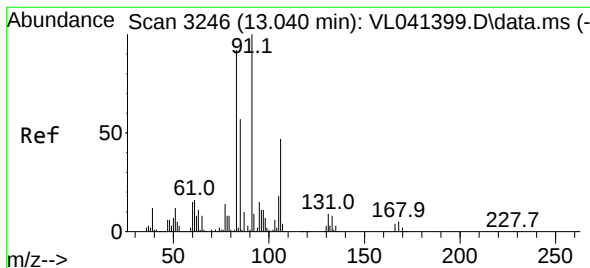
Tgt Ion:105 Resp: 4462038

Ion Ratio Lower Upper

105 100

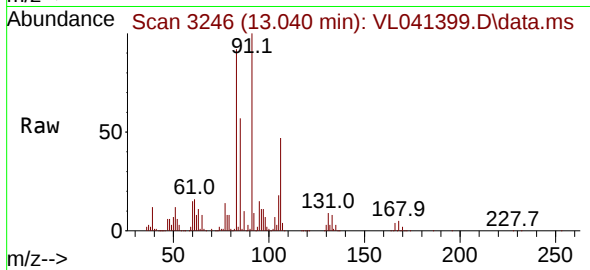
120 26.3 21.0 31.4





#63
1,1,2,2-Tetrachloroethane
Concen: 9.567 ppbv
RT: 13.040 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041399.D
Acq: 25 Jul 2024 13:59

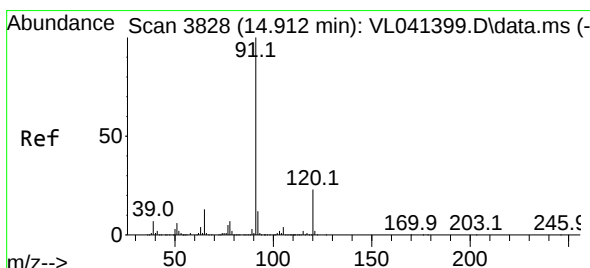
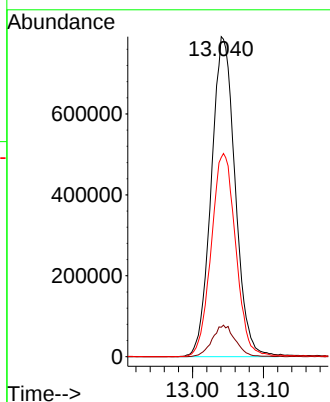
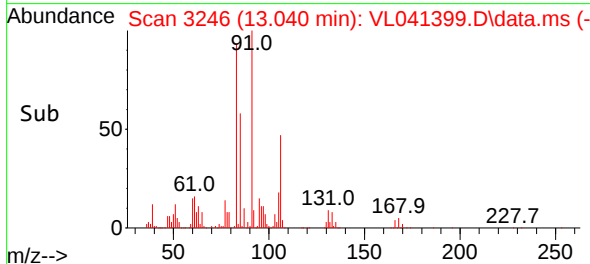
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



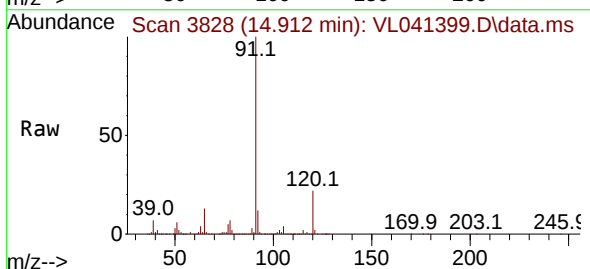
Tgt Ion: 83 Resp: 185388
Ion Ratio Lower Upper
83 100
131 9.6 4.8 14.4
85 65.3 32.6 98.0

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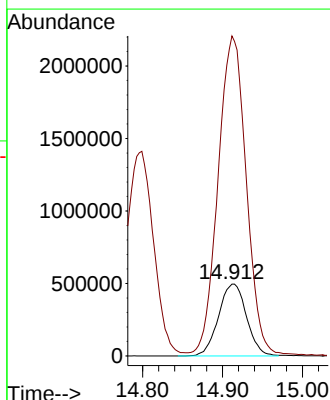
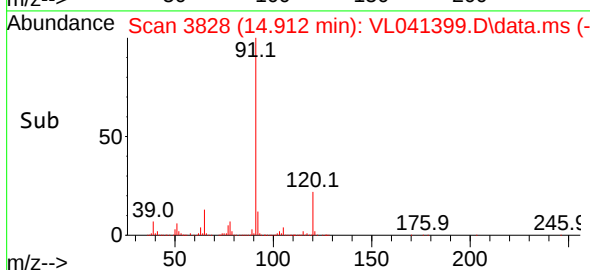
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024

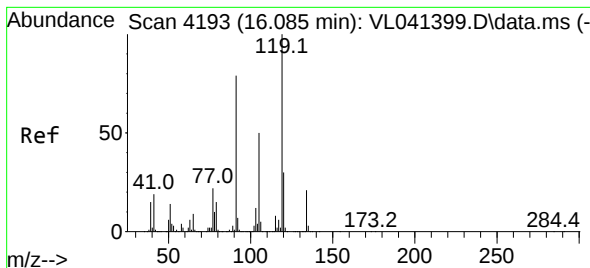


#64
n-propylbenzene
Concen: 9.895 ppbv
RT: 14.912 min Scan# 3828
Delta R.T. 0.000 min
Lab File: VL041399.D
Acq: 25 Jul 2024 13:59



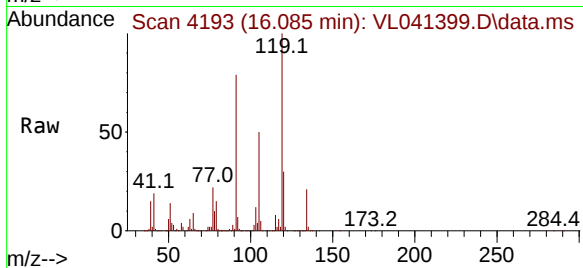
Tgt Ion:120 Resp: 1205437
Ion Ratio Lower Upper
120 100
91 451.7 361.4 542.0





#65
tert-Butylbenzene
Concen: 9.564 ppbv
RT: 16.085 min Scan# 4193
Delta R.T. 0.000 min
Lab File: VL041399.D
Acq: 25 Jul 2024 13:59

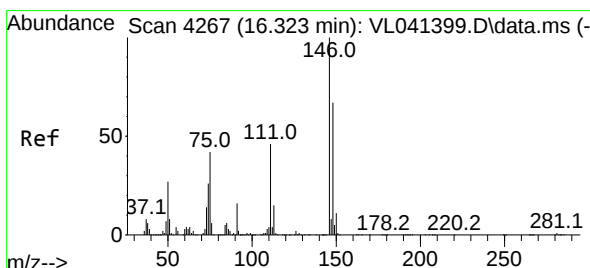
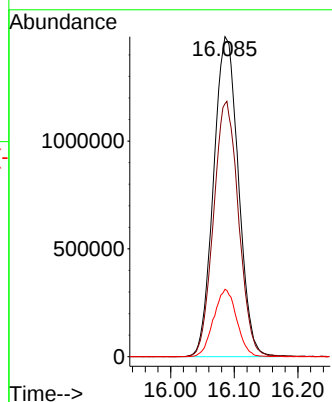
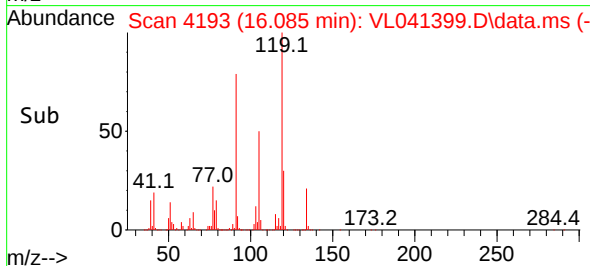
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



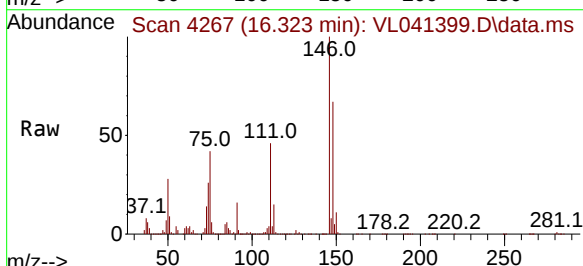
Tgt Ion: 119 Resp: 402716
Ion Ratio Lower Upper
119 100
91 80.2 64.2 96.2
134 19.6 15.7 23.5

Manual Integrations
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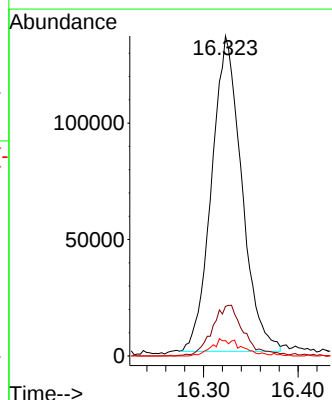
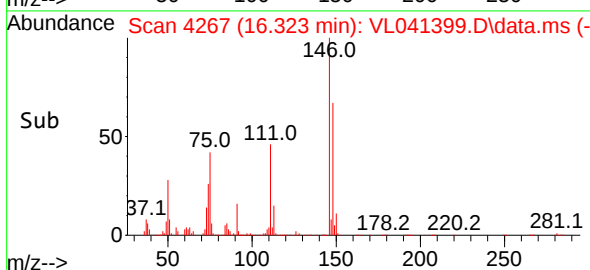
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024

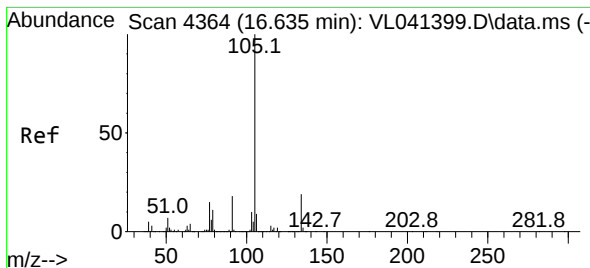


#66
Benzyl Chloride
Concen: 11.162 ppbv
RT: 16.323 min Scan# 4267
Delta R.T. 0.000 min
Lab File: VL041399.D
Acq: 25 Jul 2024 13:59



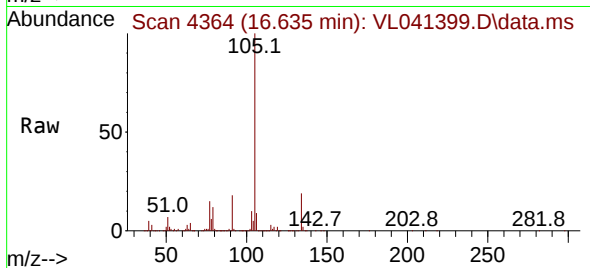
Tgt Ion: 91 Resp: 299511
Ion Ratio Lower Upper
91 100
126 17.3 13.8 20.8
128 5.5 4.4 6.6





#67
 sec-Butylbenzene
 Concen: 9.602 ppbv
 RT: 16.635 min Scan# 4364
 Delta R.T. 0.000 min
 Lab File: VL041399.D
 Acq: 25 Jul 2024 13:59

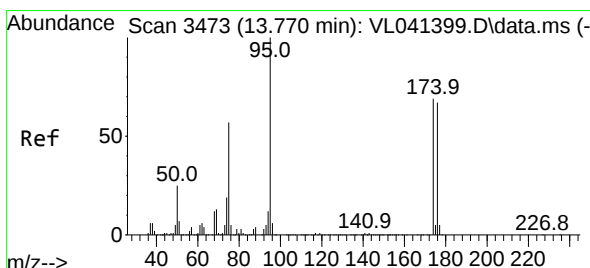
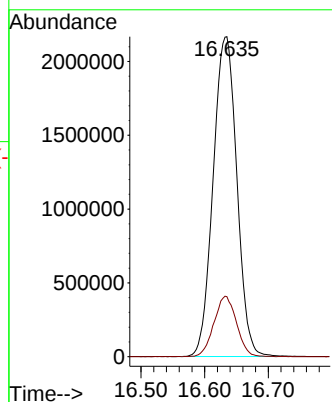
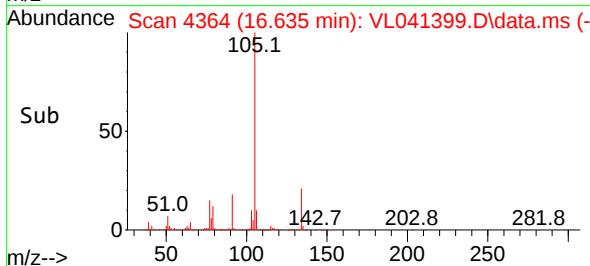
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



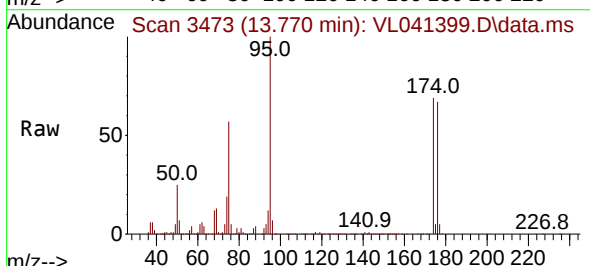
Tgt Ion:105 Resp: 5605419
 Ion Ratio Lower Upper
 105 100
 134 18.1 14.5 21.7

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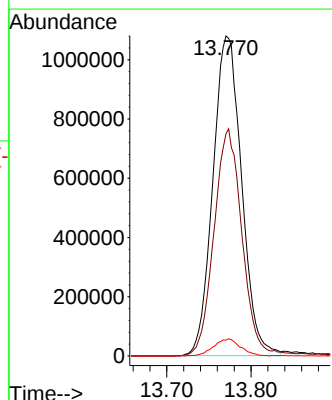
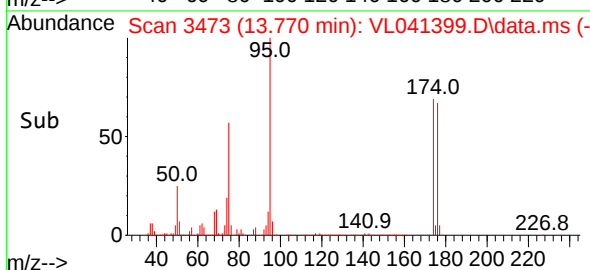
Reviewed By :Semsettin Yesilyurt 07/26/2024
 Supervised By :Mahesh Dadoda 07/29/2024

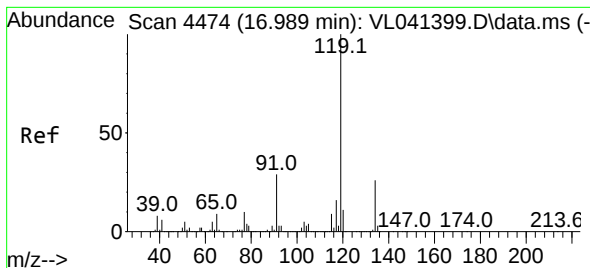


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.170 ppbv
 RT: 13.770 min Scan# 3473
 Delta R.T. 0.000 min
 Lab File: VL041399.D
 Acq: 25 Jul 2024 13:59



Tgt Ion: 95 Resp: 2550034
 Ion Ratio Lower Upper
 95 100
 174 70.5 56.3 84.5
 175 5.1 4.0 6.0





#69

p-Isopropyltoluene

Concen: 9.713 ppbv

RT: 16.989 min Scan# 4474

Delta R.T. 0.000 min

Lab File: VL041399.D

Acq: 25 Jul 2024 13:59

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:119 Resp: 473722

Ion Ratio Lower Upper

119 100

134 25.6 20.5 30.7

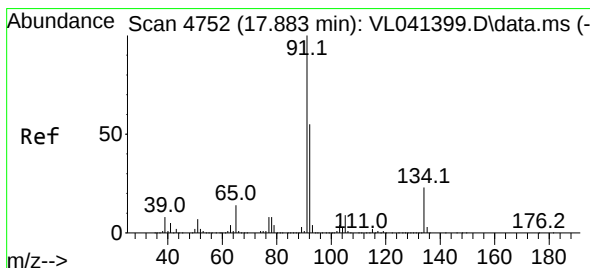
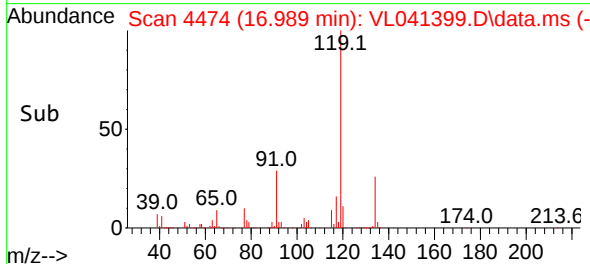
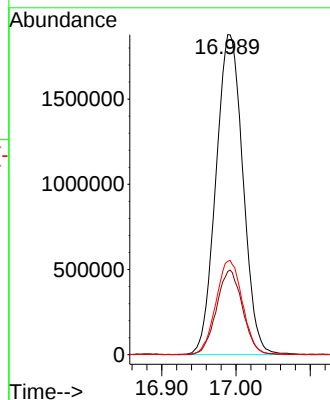
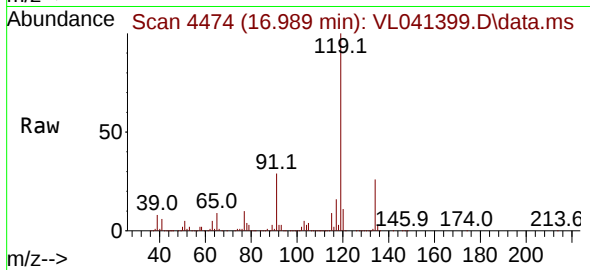
91 29.0 23.2 34.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/26/2024

Supervised By :Mahesh Dadoda 07/29/2024



#70

n-Butylbenzene

Concen: 9.796 ppbv

RT: 17.883 min Scan# 4752

Delta R.T. 0.000 min

Lab File: VL041399.D

Acq: 25 Jul 2024 13:59

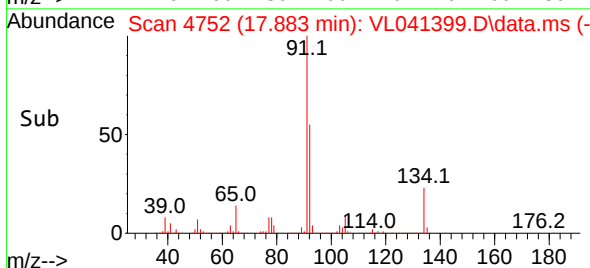
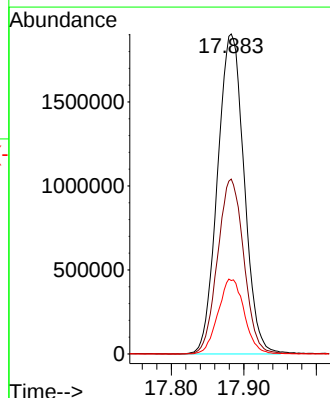
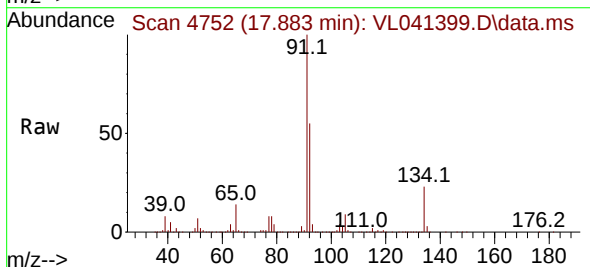
Tgt Ion: 91 Resp: 4851380

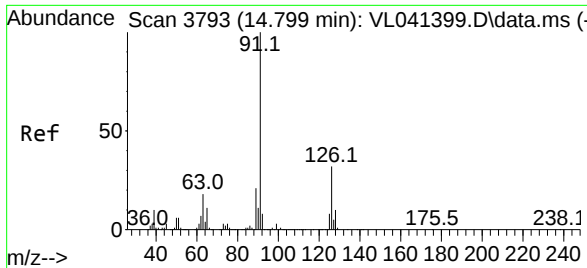
Ion Ratio Lower Upper

91 100

92 54.0 43.2 64.8

134 23.1 18.5 27.7





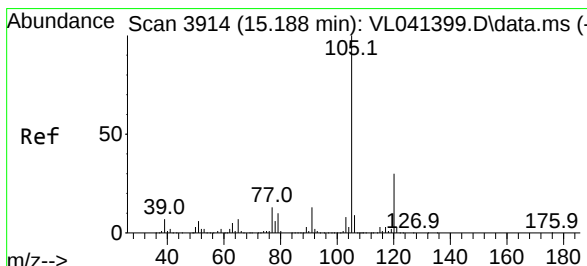
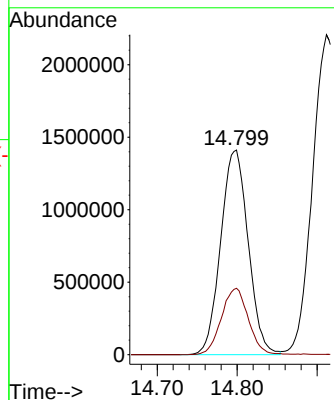
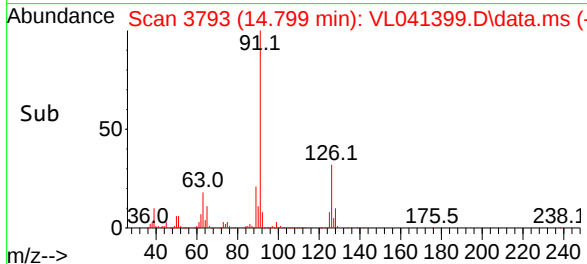
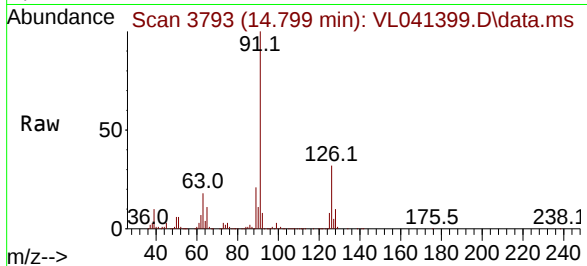
#71
2-Chlorotoluene
Concen: 9.707 ppbv
RT: 14.799 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041399.D
Acq: 25 Jul 2024 13:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 336899
Ion Ratio Lower Upper
91 100
126 31.8 12.7 50.9

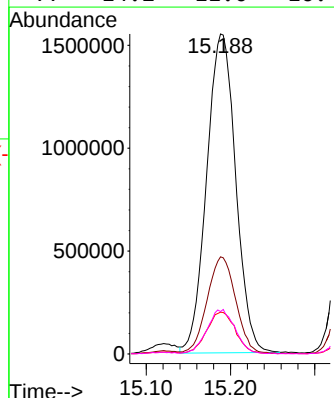
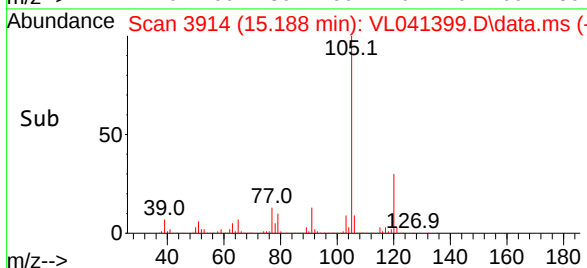
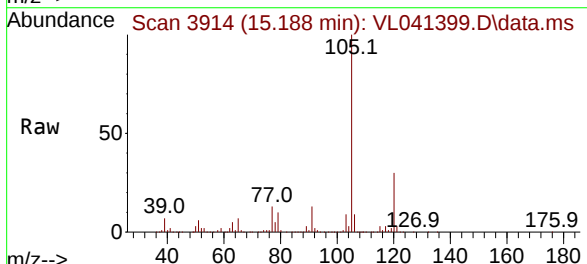
Manual Integrations
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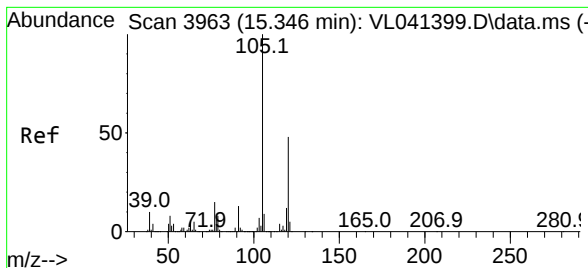
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024



#72
4-Ethyltoluene
Concen: 10.293 ppbv
RT: 15.188 min Scan# 3914
Delta R.T. 0.000 min
Lab File: VL041399.D
Acq: 25 Jul 2024 13:59

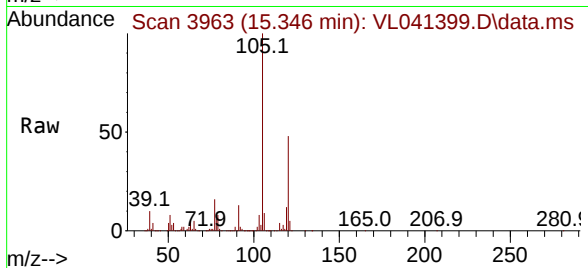
Tgt Ion:105 Resp: 3711228
Ion Ratio Lower Upper
105 100
120 31.1 24.2 36.2
91 13.0 10.4 15.6
77 14.2 11.0 16.4





#73
1,3,5-Trimethylbenzene
Concen: 10.049 ppbv
RT: 15.346 min Scan# 3963
Delta R.T. 0.000 min
Lab File: VL041399.D
Acq: 25 Jul 2024 13:59

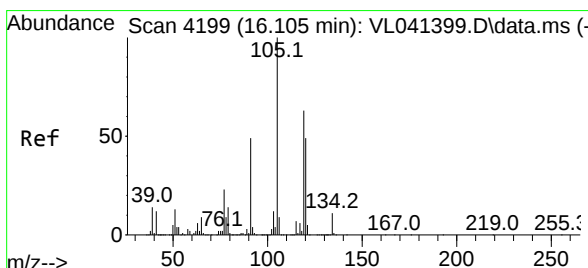
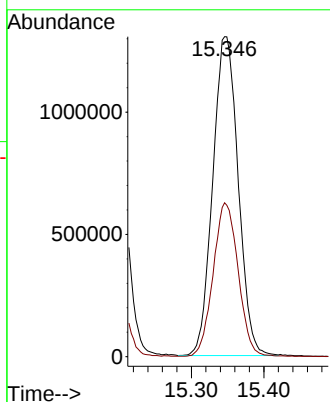
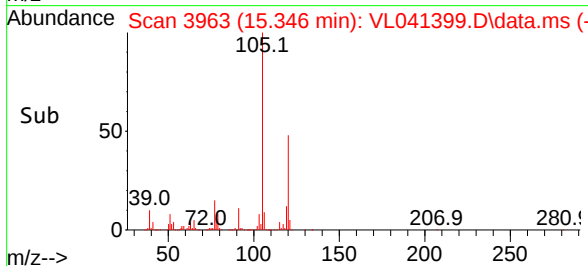
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



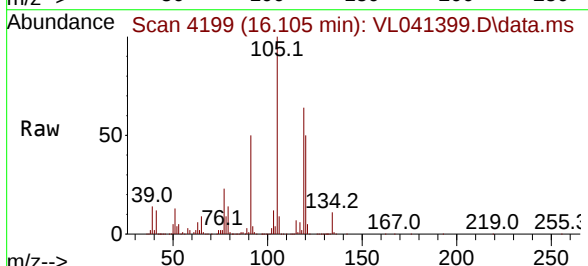
Tgt Ion:105 Resp: 317529
Ion Ratio Lower Upper
105 100
120 48.2 38.6 57.8

Manual Integrations
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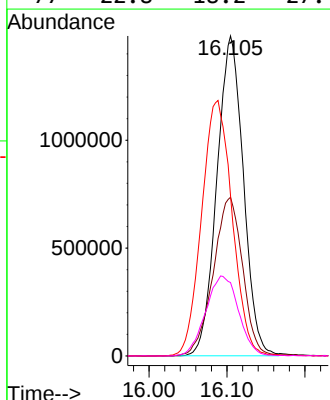
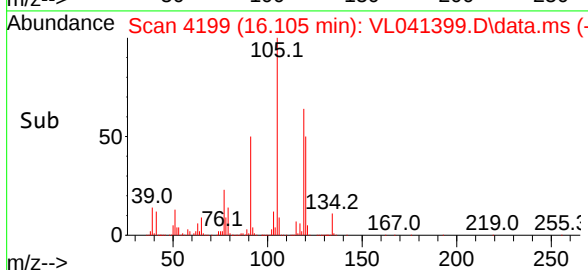
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024

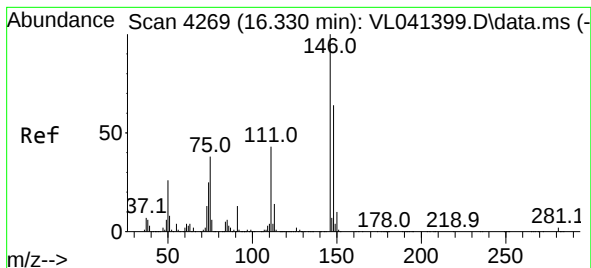


#74
1,2,4-Trimethylbenzene
Concen: 9.621 ppbv
RT: 16.105 min Scan# 4199
Delta R.T. 0.000 min
Lab File: VL041399.D
Acq: 25 Jul 2024 13:59



Tgt Ion:105 Resp: 3502689
Ion Ratio Lower Upper
105 100
120 49.4 39.5 59.3
91 49.8 39.8 59.8
77 22.8 18.2 27.4





#75

1,3-Dichlorobenzene

Concen: 9.642 ppbv

RT: 16.330 min Scan# 4269

Delta R.T. 0.000 min

Lab File: VL041399.D

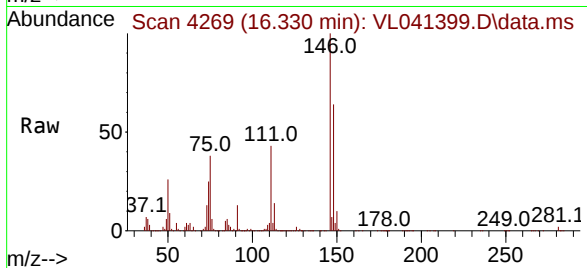
Acq: 25 Jul 2024 13:59

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010



Tgt Ion:146 Resp: 219288

Ion Ratio Lower Upper

146 100

111 45.1 22.6 67.8

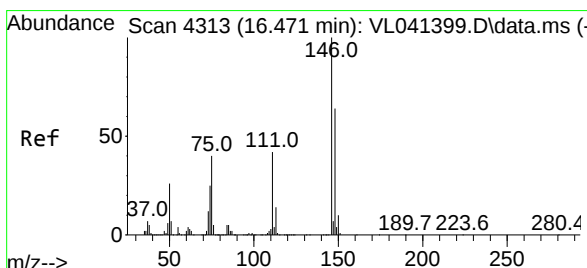
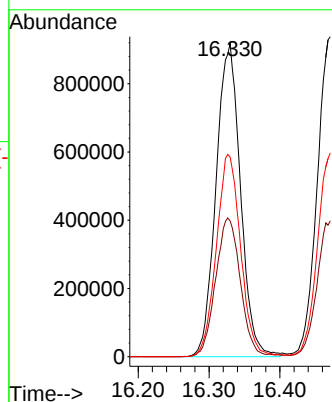
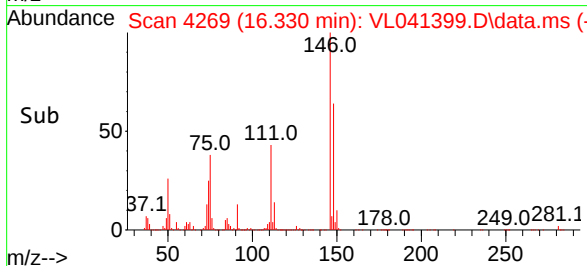
148 64.5 32.3 96.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/26/2024

Supervised By :Mahesh Dadoda 07/29/2024



#76

1,4-Dichlorobenzene

Concen: 9.596 ppbv

RT: 16.471 min Scan# 4313

Delta R.T. 0.000 min

Lab File: VL041399.D

Acq: 25 Jul 2024 13:59

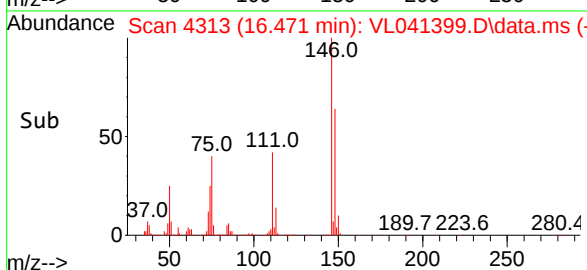
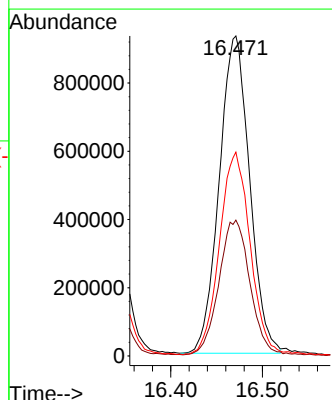
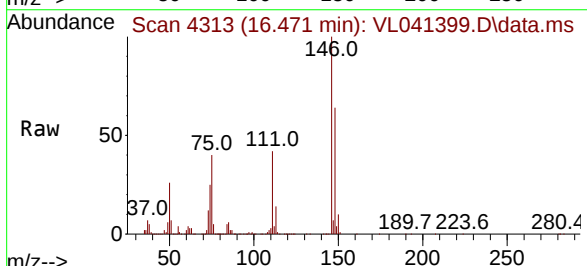
Tgt Ion:146 Resp: 2140459

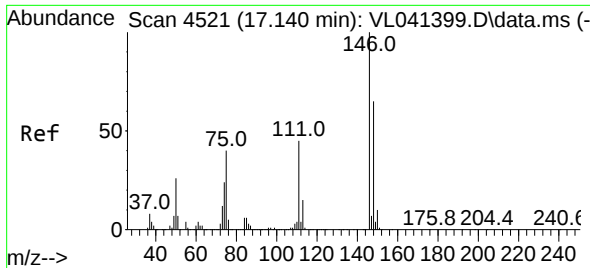
Ion Ratio Lower Upper

146 100

111 44.6 22.4 67.0

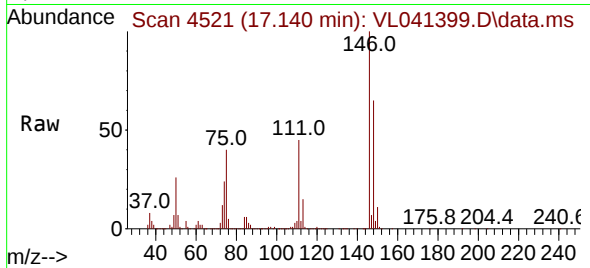
148 66.3 33.1 99.5





#77
1,2-Dichlorobenzene
Concen: 9.501 ppbv
RT: 17.140 min Scan# 4521
Delta R.T. 0.000 min
Lab File: VL041399.D
Acq: 25 Jul 2024 13:59

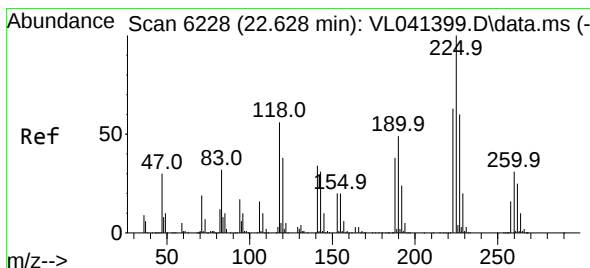
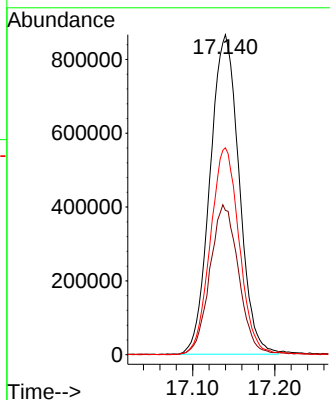
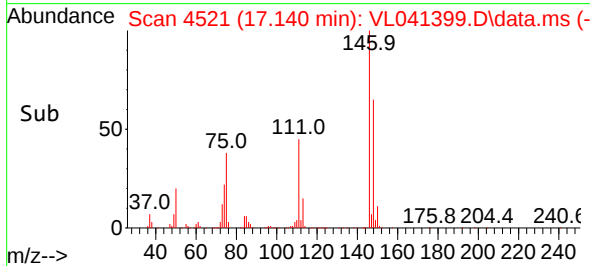
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



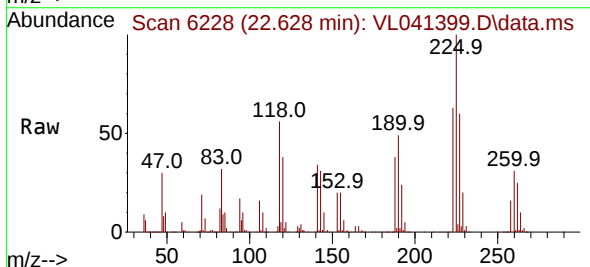
Tgt Ion:146 Resp: 2131500
Ion Ratio Lower Upper
146 100
111 46.7 23.4 70.0
148 64.4 32.2 96.6

Manual Integrations
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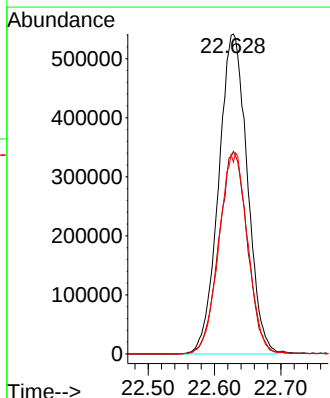
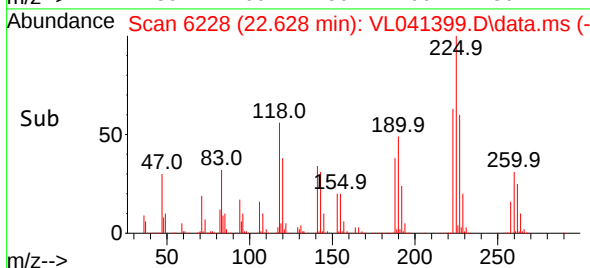
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024

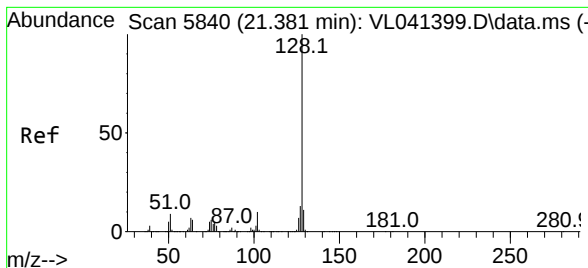


#78
Hexachloro-1,3-Butadiene
Concen: 8.347 ppbv
RT: 22.628 min Scan# 6228
Delta R.T. 0.000 min
Lab File: VL041399.D
Acq: 25 Jul 2024 13:59



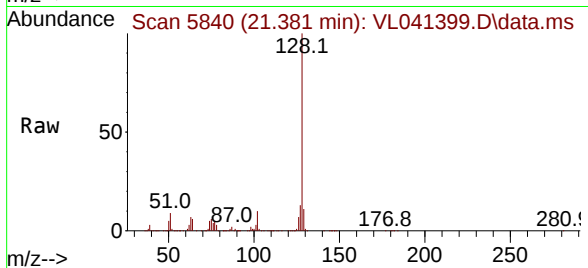
Tgt Ion:225 Resp: 1626038
Ion Ratio Lower Upper
225 100
223 63.2 50.6 76.0
227 63.3 50.8 76.2





#79
Naphthalene
Concen: 11.481 ppbv
RT: 21.381 min Scan# 5840
Delta R.T. 0.000 min
Lab File: VL041399.D
Acq: 25 Jul 2024 13:59

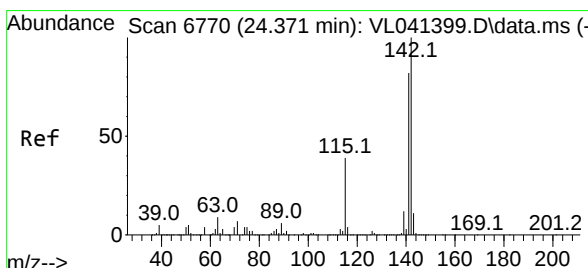
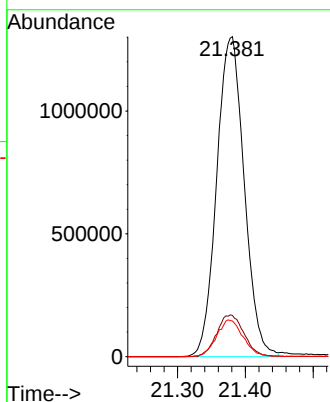
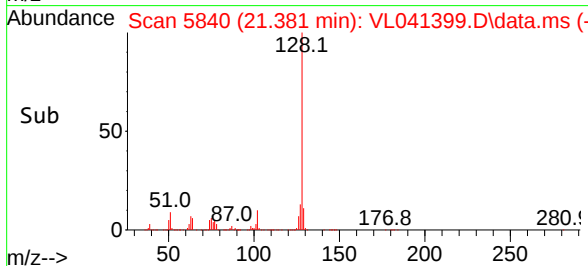
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



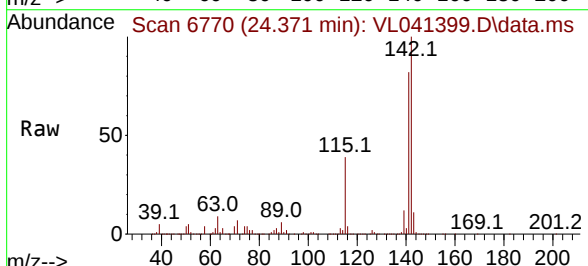
Tgt Ion:128 Resp: 3669460
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.2 9.0 13.4

Manual Integrations
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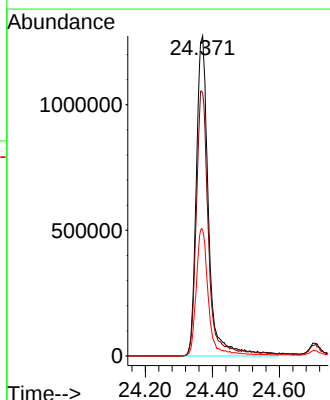
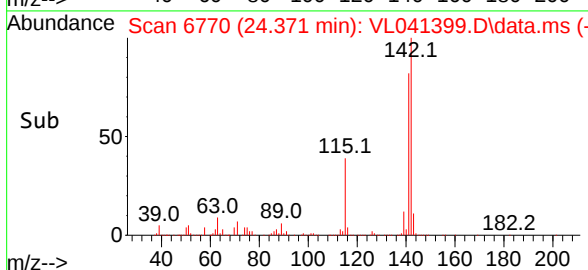
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024

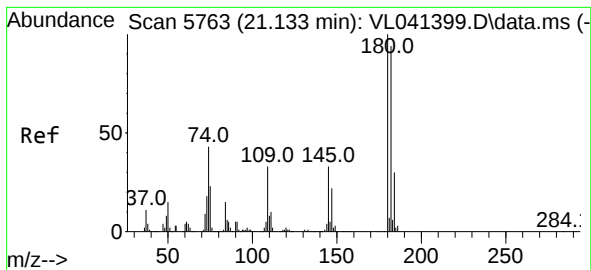


#80
Naphthalene,2-methyl-
Concen: 12.454 ppbv
RT: 24.371 min Scan# 6770
Delta R.T. 0.000 min
Lab File: VL041399.D
Acq: 25 Jul 2024 13:59



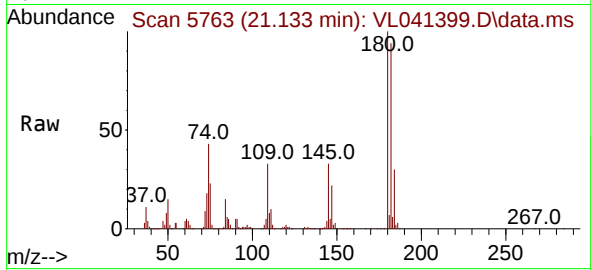
Tgt Ion:142 Resp: 3235986
Ion Ratio Lower Upper
142 100
141 83.7 67.0 100.4
115 40.2 32.2 48.2





#81
 1,2,4-Trichlorobenzene
 Concen: 9.962 ppbv
 RT: 21.133 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VL041399.D
 Acq: 25 Jul 2024 13:59

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



Tgt Ion:180 Resp: 191295
 Ion Ratio Lower Upper
 180 100
 182 95.9 76.7 115.1
 184 30.6 24.5 36.7

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/26/2024
 Supervised By :Mahesh Dadoda 07/29/2024

