

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072524\
 Data File : VL041418.D
 Acq On : 26 Jul 2024 12:45
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

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

Quant Time: Jul 29 01:48:25 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 07:31:14 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.179	49	1137452	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	3106729	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.455	117	3182400m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.764 95 2388595 9.753 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 97.500%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.713	85	1746785	8.927	ppbv	100
3) Chlorodifluoromethane	2.658	51	1263797	9.333	ppbv	99
4) Chloromethane	2.796	50	668932	9.288	ppbv	96
5) Vinyl Chloride	2.902	62	656261	9.245	ppbv	97
6) Bromomethane	3.105	94	344030	9.429	ppbv	95
7) Chloroethane	3.182	64	235176	9.599	ppbv	99
8) Dichlorotetrafluoroethane	2.841	85	1620724	9.348	ppbv	99
9) Propene	2.677	41	567993	9.131	ppbv	100
10) Heptane	7.568	43	1400354	10.020	ppbv	99
11) Trichlorofluoromethane	3.546	101	1611204	9.271	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.050	101	1160901	9.277	ppbv	100
13) Ethanol	3.230	45	43964m	7.908	ppbv	
14) Bromoethene	3.349	108	471598	9.667	ppbv	99
15) Acetone	3.452	43	1145750	8.865	ppbv	100
16) 1,3-Butadiene	2.970	39	650447	9.420	ppbv	100
17) tert-Butyl alcohol	3.861	59	1195023	10.139	ppbv	100
18) 1,1-Dichloroethene	3.864	96	521929	9.750	ppbv	99
19) Isopropyl Alcohol	3.558	45	734617	9.723	ppbv	99
20) Methylene Chloride	3.918	84	434940	9.025	ppbv	97
21) Allyl Chloride	3.983	41	826146	9.747	ppbv	100
22) trans-1,2-Dichloroethene	4.430	96	513313	9.591	ppbv	98
23) Vinyl Acetate	4.610	43	1047105	10.609	ppbv	98
24) 1,1-Dichloroethane	4.549	63	1085602	9.341	ppbv	99
25) Ethyl Acetate	5.189	43	2435951	9.488	ppbv	100
26) Hexane	5.198	57	1028862	9.660	ppbv	99
27) Carbon Disulfide	4.108	76	1219200	9.785	ppbv	99
28) Methyl tert-Butyl Ether	4.571	73	633929	9.438	ppbv	99
29) Chloroform	5.259	83	1627641	9.369	ppbv	99
30) Cyclohexane	6.587	84	901886	10.398	ppbv	98
31) cis-1,2-Dichloroethene	5.063	61	1012059	9.619	ppbv	97
32) 1,1,1-Trichloroethane	5.989	97	1592542	9.417	ppbv	99
34) 2-Butanone	4.771	43	1462654	9.733	ppbv	100
35) Carbon Tetrachloride	6.481	117	1683189	9.823	ppbv	98
36) Benzene	6.356	78	2223928	9.797	ppbv	98
37) 1,2-Dichloroethane	5.793	62	1249719	9.836	ppbv	100
38) Trichloroethene	7.278	130	995320	9.570	ppbv	99
39) 1,2-Dichloropropane	7.063	63	855808	9.847	ppbv	99
40) 1,4-Dioxane	7.269	88	332729	9.530	ppbv	81
41) Tetrahydrofuran	5.542	42	873079	10.158	ppbv	99
42) Bromodichloromethane	7.237	83	1823428	9.939	ppbv	97
43) Methyl Methacrylate	7.462	69	881642	10.831	ppbv	98
44) 2,2,4-Trimethylpentane	7.314	57	3695158	9.746	ppbv	99
45) t-1,3-Dichloropropene	8.696	75	862058	11.505	ppbv	93

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Quant Time: Jul 29 01:48:25 2024

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

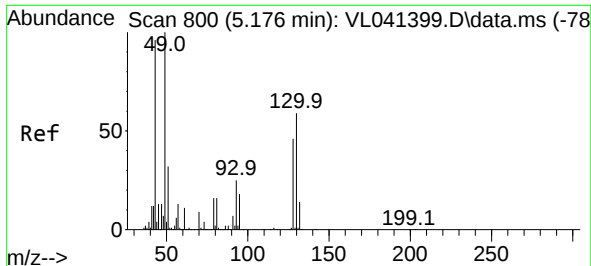
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Fri Jul 26 07:31:14 2024

Response via : Initial Calibration

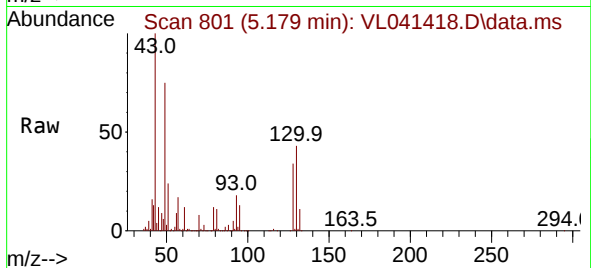
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.131	75	1162490	10.744	ppbv	97
47) 1,1,2-Trichloroethane	8.886	97	929782	9.705	ppbv	97
48) Dibromochloromethane	9.696	129	1550980	10.050	ppbv	100
49) Bromoform	12.394	173	1357046	10.409	ppbv	100
50) 4-Methyl-2-Pentanone	8.169	43	2460154	10.376	ppbv	100
51) 2-Hexanone	9.536	43	2008095	11.200	ppbv #	99
52) Tetrachloroethene	10.606	164	855602	9.754	ppbv	98
53) Toluene	9.208	91	2634087	10.417	ppbv	100
54) 1,2-Dibromoethane	9.995	107	1360115	10.667	ppbv	97
56) 1,1,1,2-Tetrachloroethane	11.497	131	1135334	9.199	ppbv #	57
57) Chlorobenzene	11.516	112	2055796	9.073	ppbv	99
58) Ethyl Benzene	12.076	91	3538730	9.647	ppbv	99
59) m/p-Xylene	12.362	91	6014322m	18.994	ppbv	
60) o-Xylene	13.047	91	2879240	9.612	ppbv	100
61) Styrene	12.886	104	1429605	10.579	ppbv	99
62) Isopropylbenzene	14.018	105	4196324	9.215	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.037	83	1756658	9.287	ppbv	100
64) n-propylbenzene	14.902	120	1133314	9.520	ppbv	98
65) tert-Butylbenzene	16.082	119	3781175	9.193	ppbv	99
66) Benzyl Chloride	16.317	91	268918	10.194	ppbv	98
67) sec-Butylbenzene	16.625	105	5282274	9.322	ppbv	100
69) p-Isopropyltoluene	16.982	119	4444978	9.453	ppbv	100
70) n-Butylbenzene	17.873	91	4550755	9.440	ppbv	100
71) 2-Chlorotoluene	14.789	91	3163171	9.420	ppbv	99
72) 4-Ethyltoluene	15.182	105	3514717	9.967	ppbv	99
73) 1,3,5-Trimethylbenzene	15.339	105	2978924	9.805	ppbv	99
74) 1,2,4-Trimethylbenzene	16.095	105	3310269	9.372	ppbv	96
75) 1,3-Dichlorobenzene	16.320	146	2057162	9.265	ppbv	100
76) 1,4-Dichlorobenzene	16.461	146	1986009	9.238	ppbv	100
77) 1,2-Dichlorobenzene	17.130	146	1985499	9.021	ppbv	100
78) Hexachloro-1,3-Butadiene	22.619	225	1522850	8.113	ppbv	99
79) Naphthalene	21.368	128	3374074	10.823	ppbv	99
80) Naphthalene,2-methyl-	24.358	142	2634418	10.081	ppbv	98
81) 1,2,4-Trichlorobenzene	21.127	180	1766558	9.522	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.179 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45

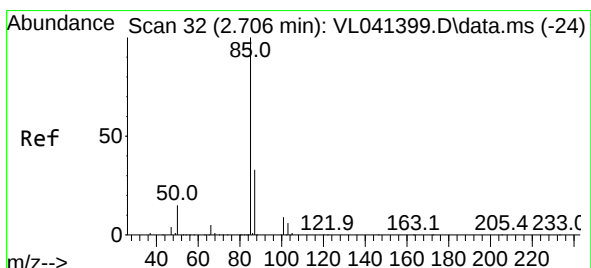
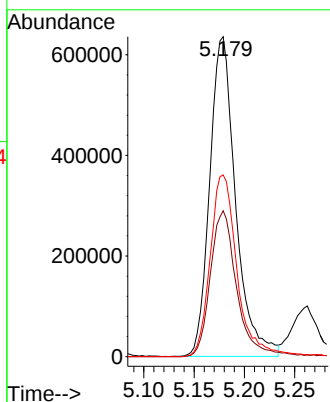
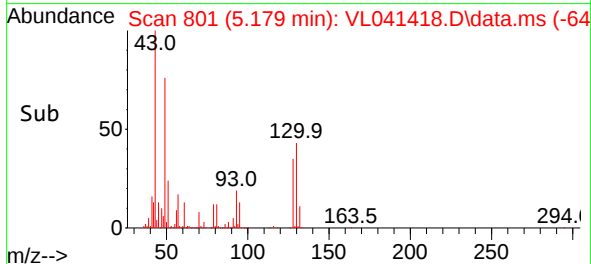
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 49 Resp: 113745
Ion Ratio Lower Upper
49 100
128 47.2 23.8 71.4
130 60.4 30.8 92.4

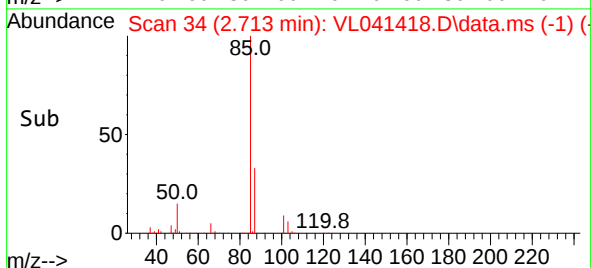
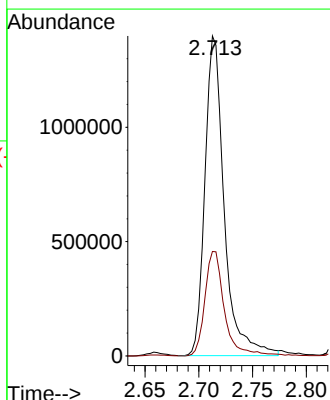
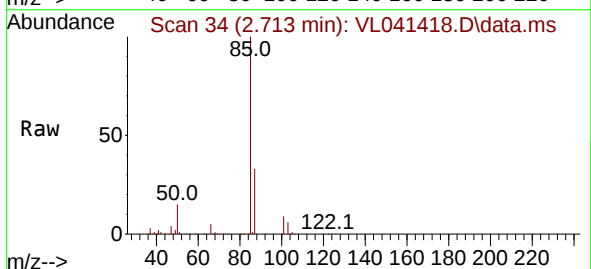
Manual Integrations
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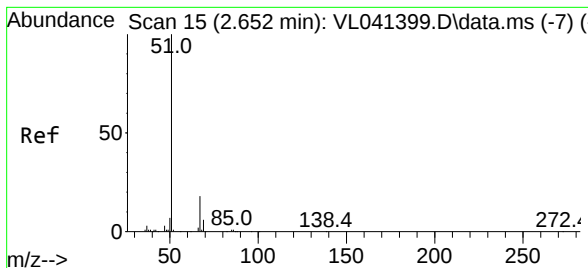
Reviewed By :Semsettin Yesilyurt 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024



#2
Dichlorodifluoromethane
Concen: 8.927 ppbv
RT: 2.713 min Scan# 34
Delta R.T. 0.006 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45

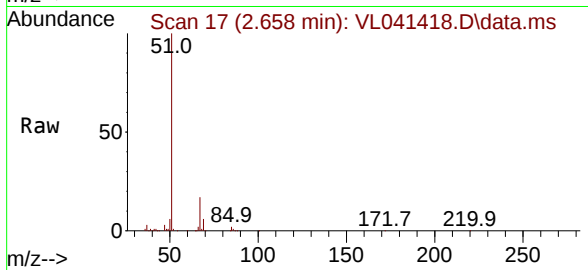
Tgt Ion: 85 Resp: 1746785
Ion Ratio Lower Upper
85 100
87 32.6 26.0 39.0





#3
Chlorodifluoromethane
Concen: 9.333 ppbv
RT: 2.658 min Scan# 11
Delta R.T. 0.006 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45

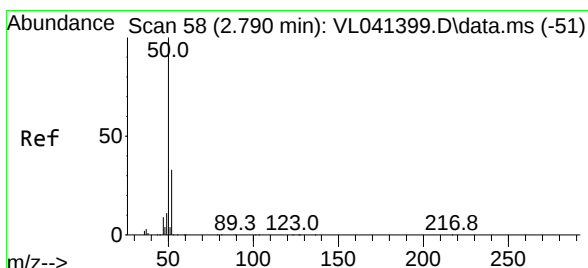
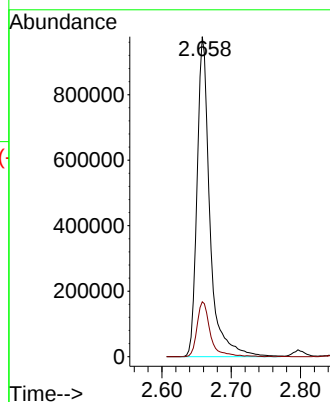
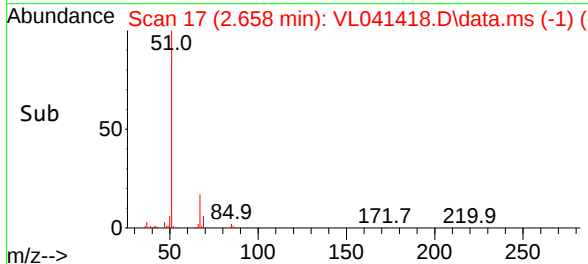
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 51 Resp: 126379
Ion Ratio Lower Upper
51 100
67 17.8 14.5 21.7

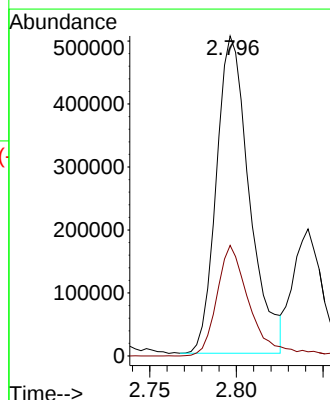
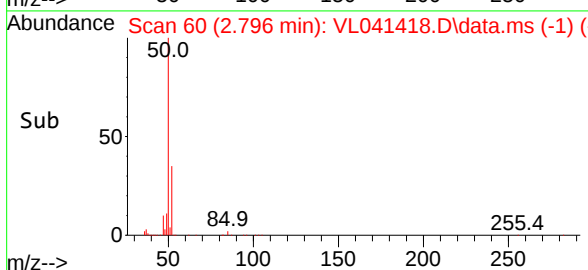
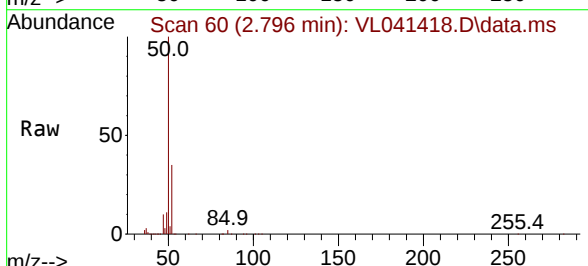
Manual Integrations
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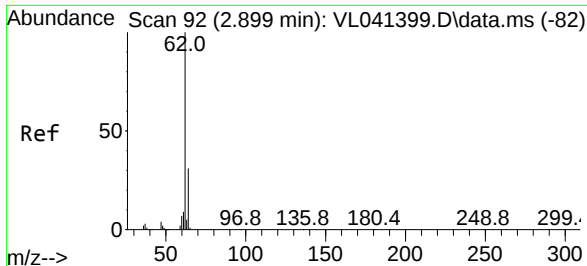
Reviewed By :Semsettin Yesilyurt 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024



#4
Chloromethane
Concen: 9.288 ppbv
RT: 2.796 min Scan# 60
Delta R.T. 0.006 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45

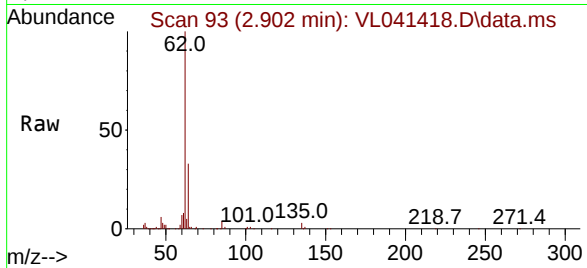
Tgt Ion: 50 Resp: 668932
Ion Ratio Lower Upper
50 100
52 34.9 26.1 39.1





#5
 Vinyl Chloride
 Concen: 9.245 ppbv
 RT: 2.902 min Scan# 91
 Delta R.T. 0.003 min
 Lab File: VL041418.D
 Acq: 26 Jul 2024 12:45

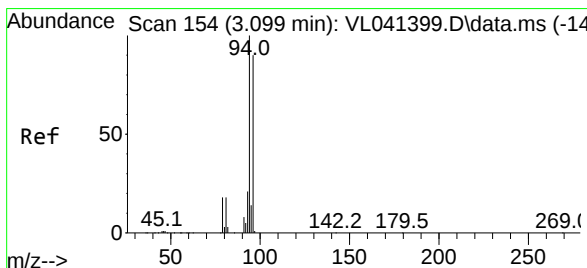
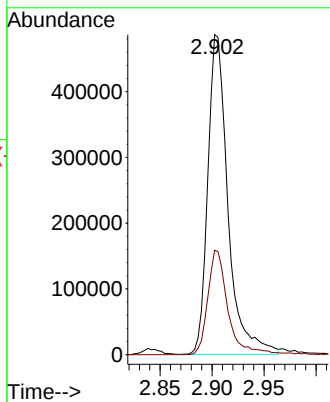
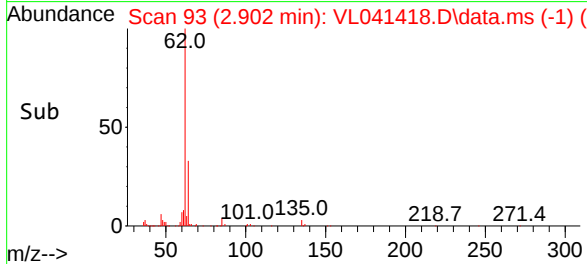
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 62 Resp: 65626
 Ion Ratio Lower Upper
 62 100
 64 32.7 25.0 37.4

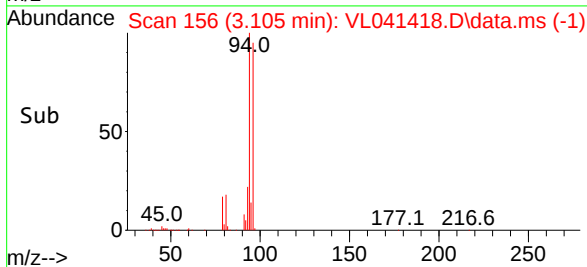
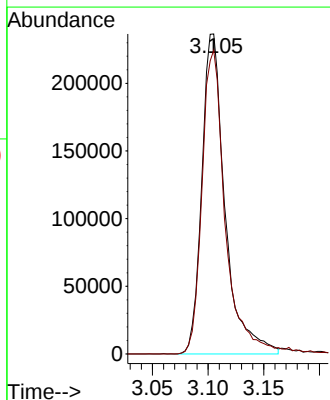
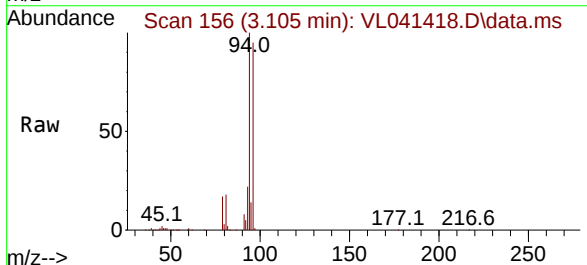
Manual Integrations
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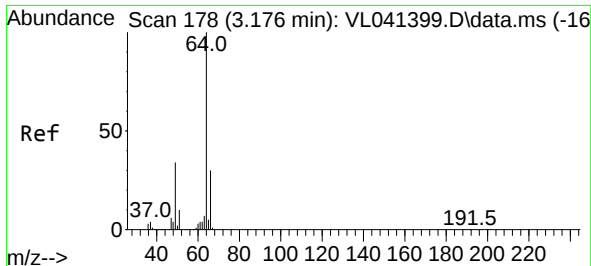
Reviewed By :Semsettin Yesilyurt 07/29/2024
 Supervised By :Mahesh Dadoda 07/29/2024



#6
 Bromomethane
 Concen: 9.429 ppbv
 RT: 3.105 min Scan# 156
 Delta R.T. 0.006 min
 Lab File: VL041418.D
 Acq: 26 Jul 2024 12:45

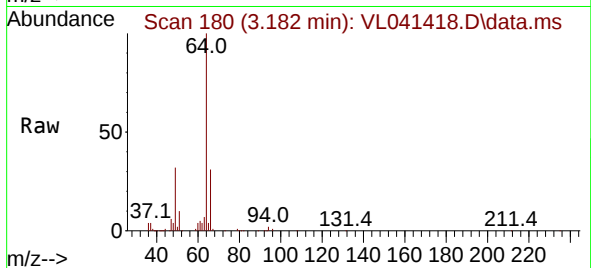
Tgt Ion: 94 Resp: 344030
 Ion Ratio Lower Upper
 94 100
 96 94.8 72.3 108.5





#7
Chloroethane
Concen: 9.599 ppbv
RT: 3.182 min Scan# 11
Delta R.T. 0.006 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45

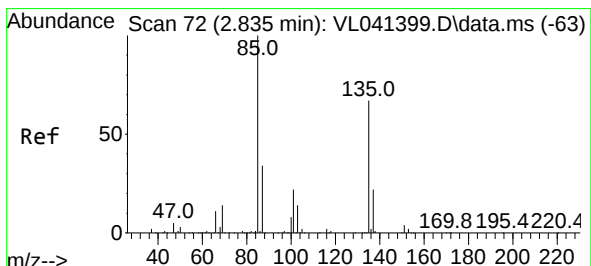
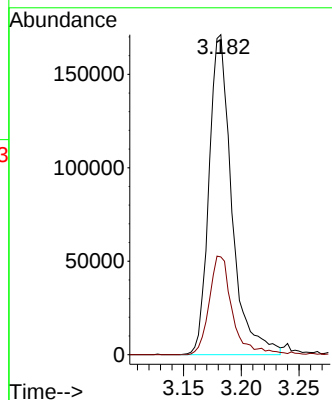
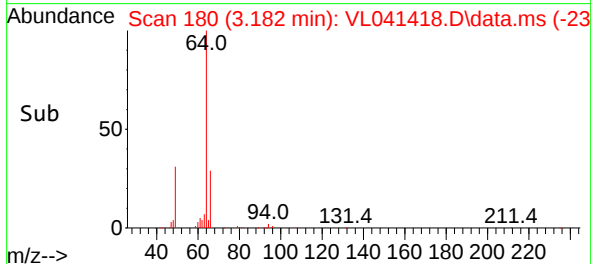
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 64 Resp: 235170
Ion Ratio Lower Upper
64 100
66 30.6 24.2 36.2

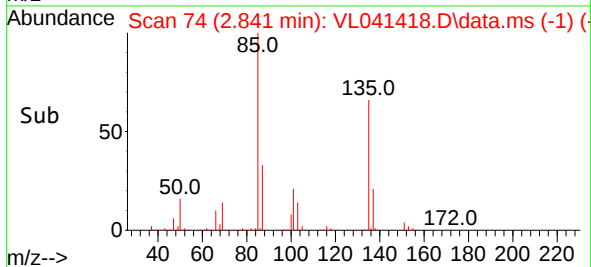
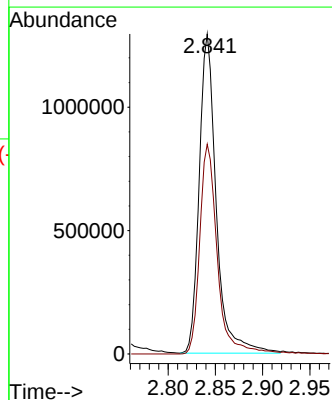
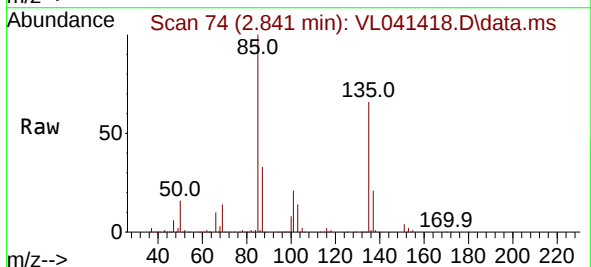
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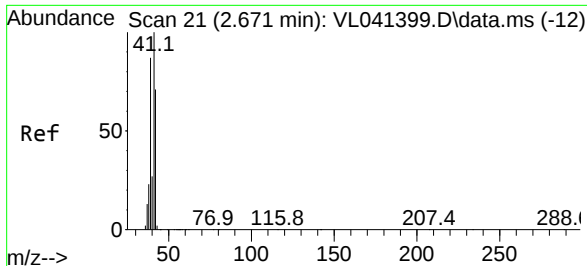
Reviewed By :Semsettin Yesilyurt 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024



#8
Dichlorotetrafluoroethane
Concen: 9.348 ppbv
RT: 2.841 min Scan# 74
Delta R.T. 0.006 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45

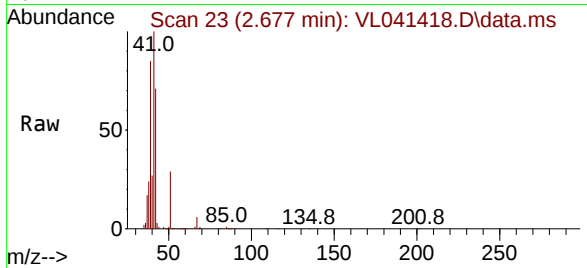
Tgt Ion: 85 Resp: 1620724
Ion Ratio Lower Upper
85 100
135 68.3 55.4 83.0





#9
Propene
Concen: 9.131 ppbv
RT: 2.677 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45

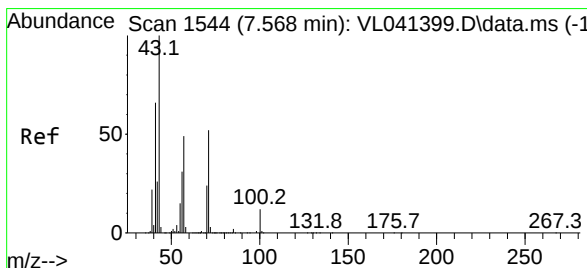
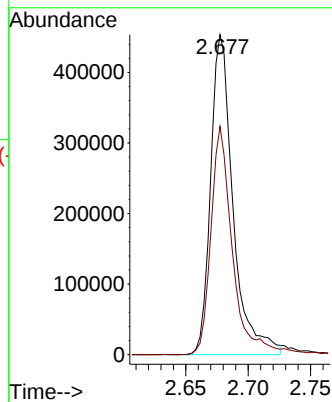
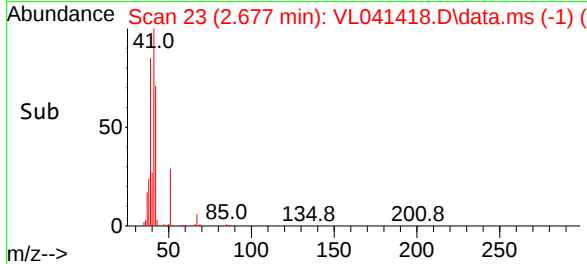
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 41 Resp: 56799
Ion Ratio Lower Upper
41 100
42 69.7 55.9 83.9

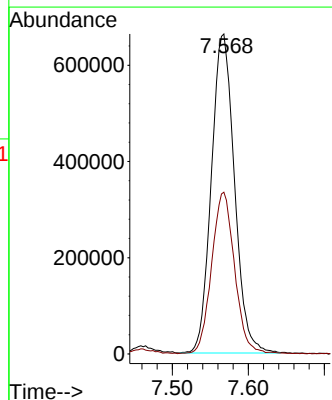
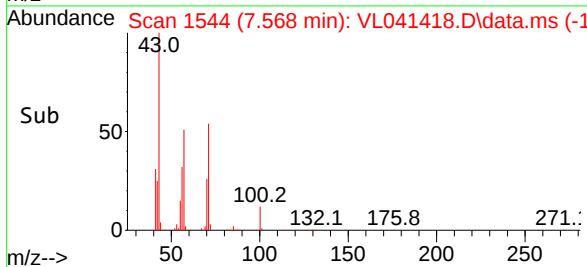
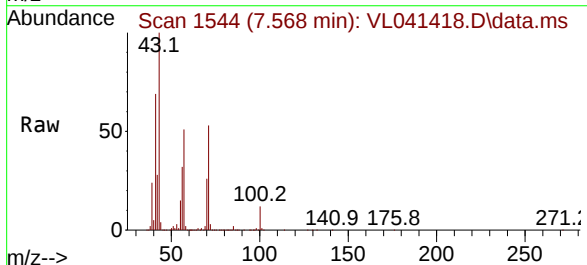
Manual Integrations
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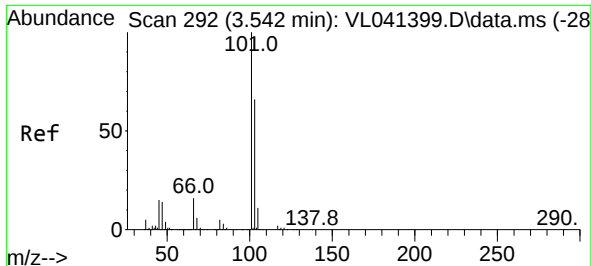
Reviewed By :Semsettin Yesilyurt 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024



#10
Heptane
Concen: 10.020 ppbv
RT: 7.568 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45

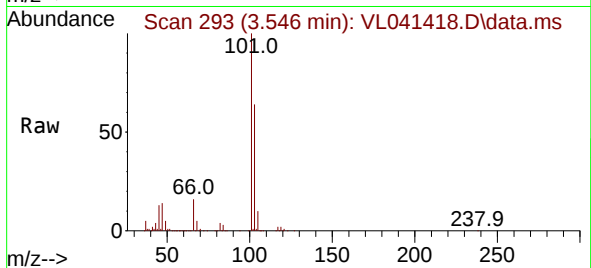
Tgt Ion: 43 Resp: 1400354
Ion Ratio Lower Upper
43 100
57 50.2 40.5 60.7





#11
Trichlorofluoromethane
Concen: 9.271 ppbv
RT: 3.546 min Scan# 292
Delta R.T. 0.003 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45

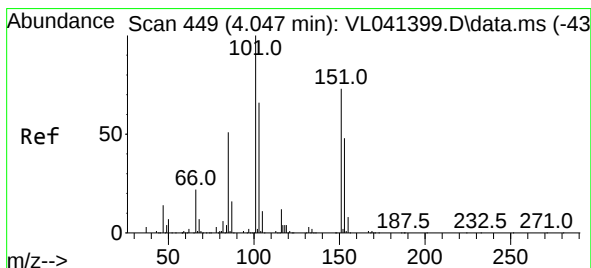
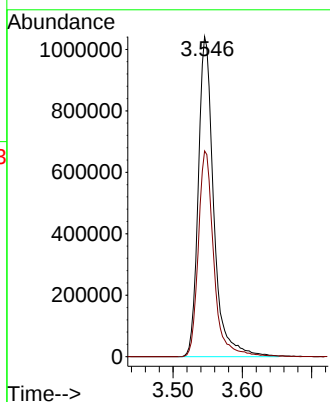
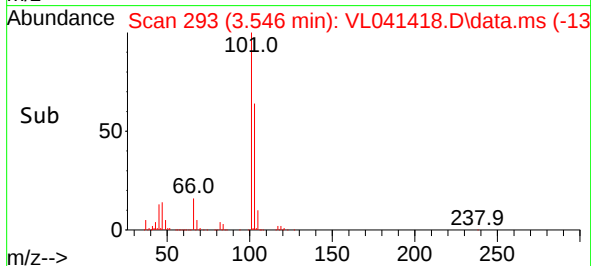
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



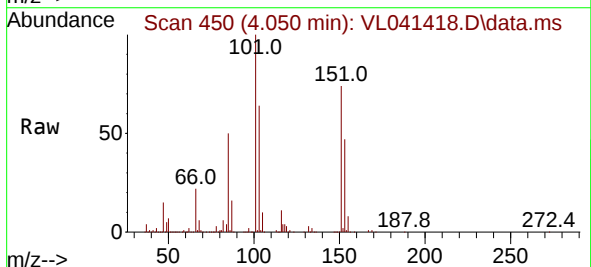
Tgt Ion:101 Resp: 1611204
Ion Ratio Lower Upper
101 100
103 64.3 52.6 79.0

Manual Integrations
APPROVED

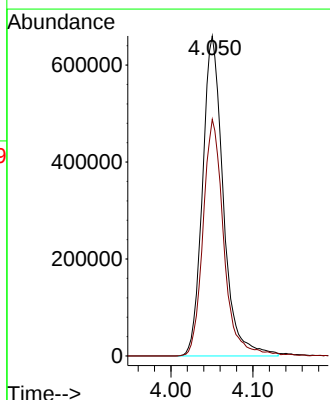
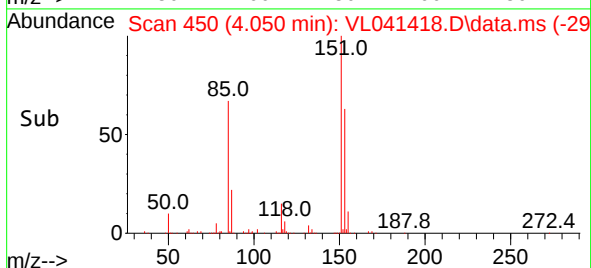
Reviewed By :Semsettin Yesilyurt 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024

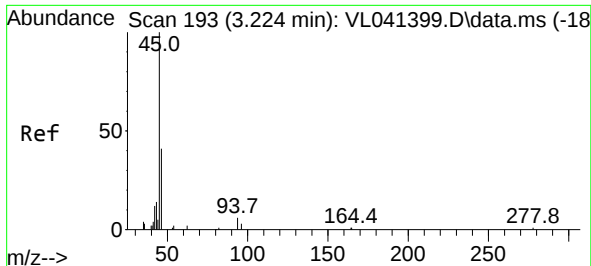


#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.277 ppbv
RT: 4.050 min Scan# 450
Delta R.T. 0.003 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45



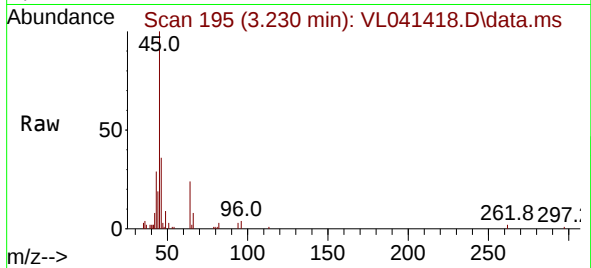
Tgt Ion:101 Resp: 1160901
Ion Ratio Lower Upper
101 100
151 74.0 59.4 89.2





#13
Ethanol
Concen: 7.908 ppbv m
RT: 3.230 min Scan# 193
Delta R.T. 0.006 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45

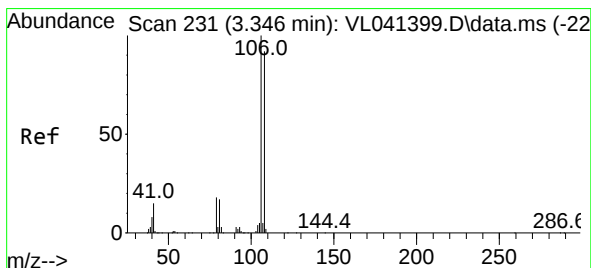
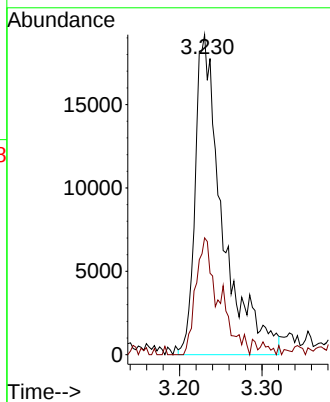
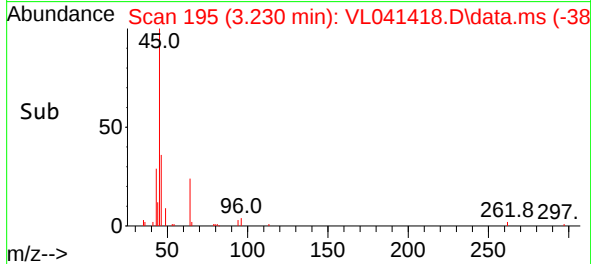
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



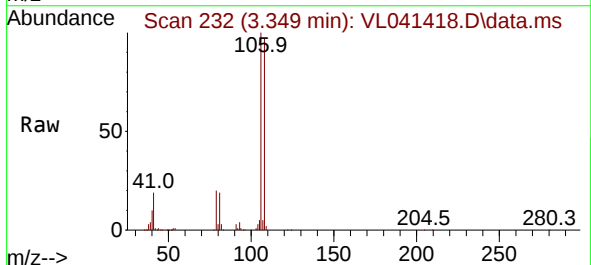
Tgt Ion: 45 Resp: 43964
Ion Ratio Lower Upper
45 100
46 31.5 13.4 53.4

Manual Integrations
APPROVED

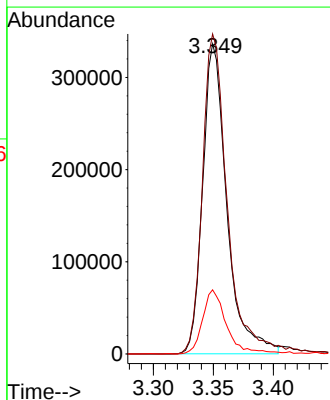
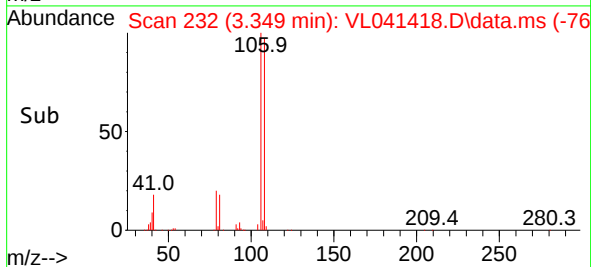
Reviewed By :Semsettin Yesilyurt 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024

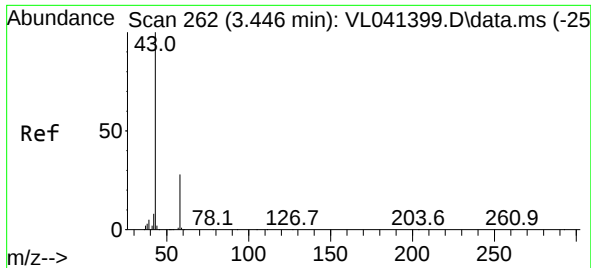


#14
Bromoethene
Concen: 9.667 ppbv
RT: 3.349 min Scan# 232
Delta R.T. 0.003 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45



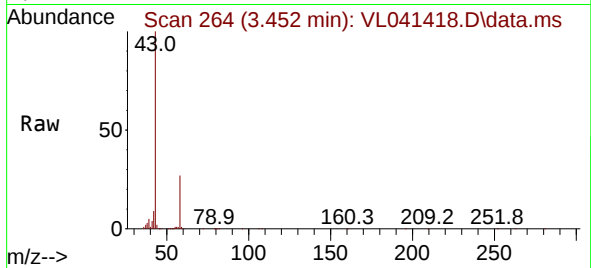
Tgt Ion:108 Resp: 471598
Ion Ratio Lower Upper
108 100
106 107.7 86.9 130.3
79 20.7 16.2 24.4





#15
Acetone
Concen: 8.865 ppbv
RT: 3.452 min Scan# 20
Delta R.T. 0.006 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45

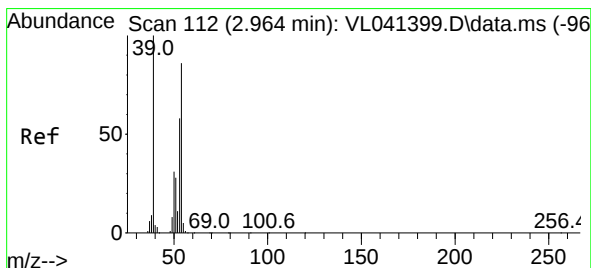
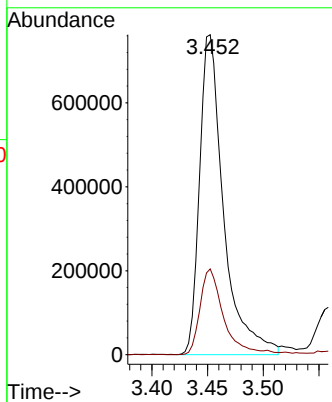
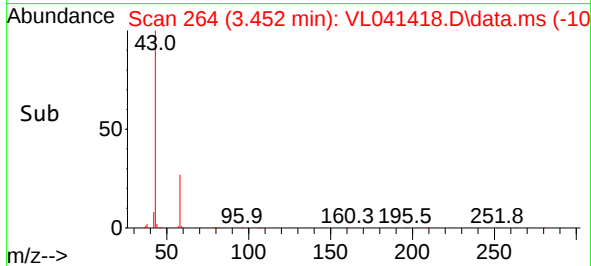
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



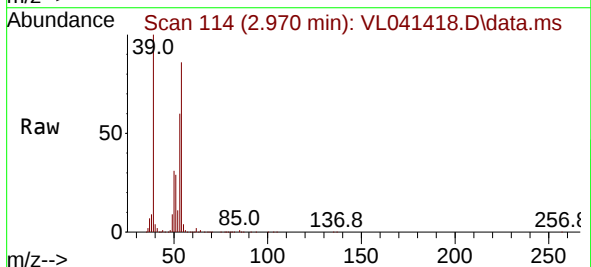
Tgt Ion: 43 Resp: 1145750
Ion Ratio Lower Upper
43 100
58 26.7 21.4 32.2

Manual Integrations
APPROVED

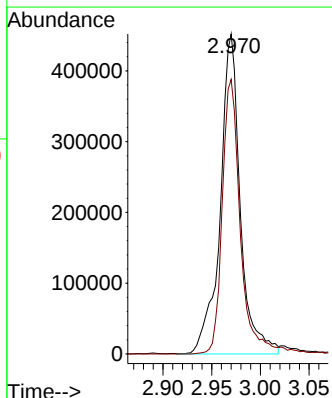
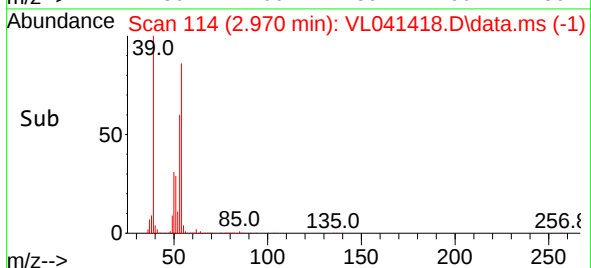
Reviewed By :Semsettin Yesilyurt 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024

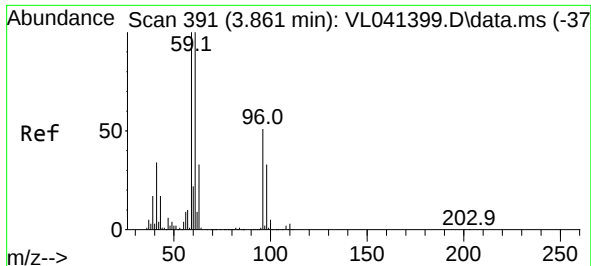


#16
1,3-Butadiene
Concen: 9.420 ppbv
RT: 2.970 min Scan# 114
Delta R.T. 0.006 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45



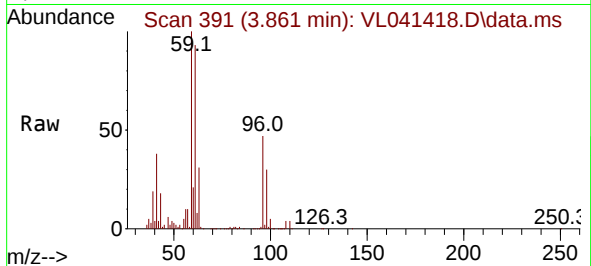
Tgt Ion: 39 Resp: 650447
Ion Ratio Lower Upper
39 100
54 78.3 62.5 93.7





#17
tert-Butyl alcohol
Concen: 10.139 ppbv
RT: 3.861 min Scan# 391
Delta R.T. -0.000 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45

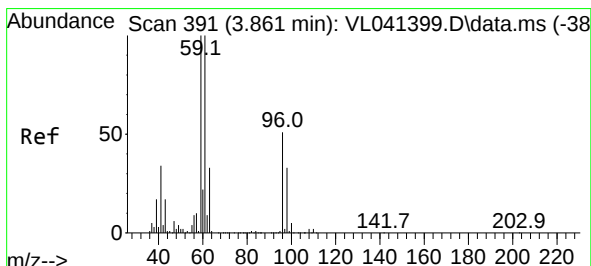
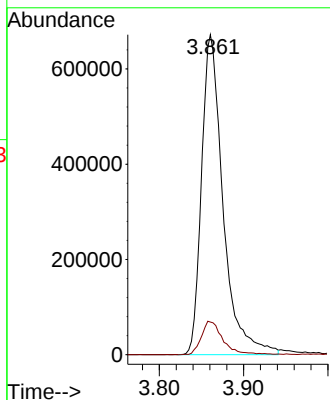
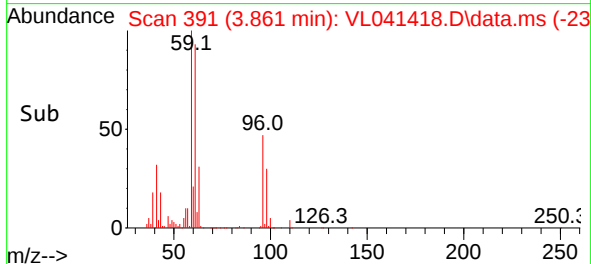
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



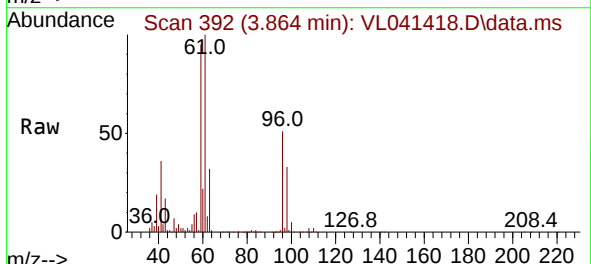
Tgt Ion: 59 Resp: 119502
Ion Ratio Lower Upper
59 100
57 10.6 8.6 12.8

Manual Integrations
APPROVED

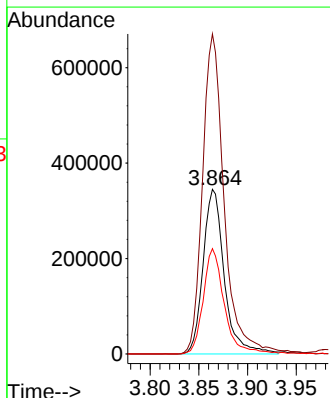
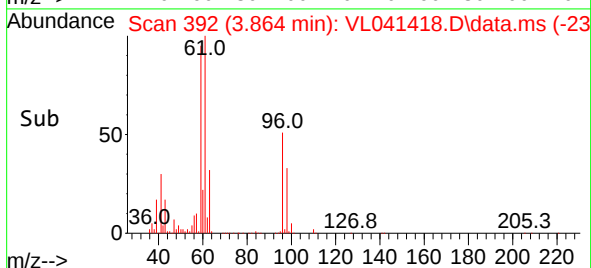
Reviewed By :Semsettin Yesilyurt 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024

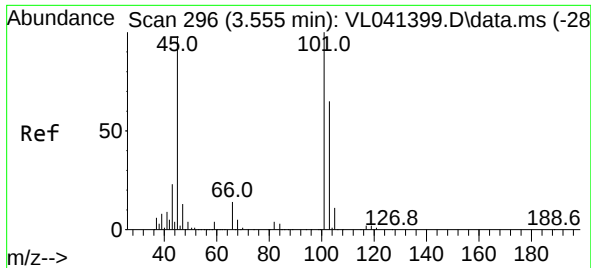


#18
1,1-Dichloroethene
Concen: 9.750 ppbv
RT: 3.864 min Scan# 392
Delta R.T. 0.003 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45



Tgt Ion: 96 Resp: 521929
Ion Ratio Lower Upper
96 100
61 194.4 157.5 236.3
98 63.9 51.2 76.8





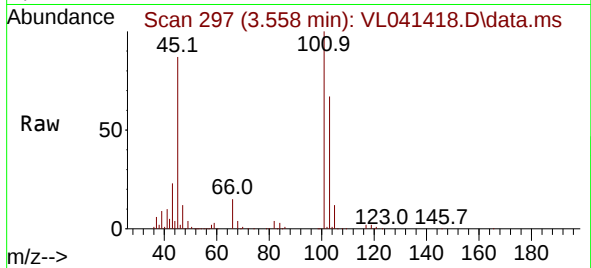
#19
Isopropyl Alcohol
Concen: 9.723 ppbv
RT: 3.558 min Scan# 296
Delta R.T. 0.003 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

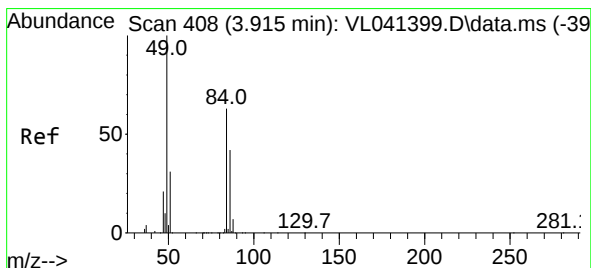
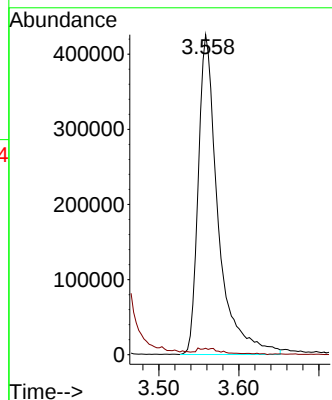
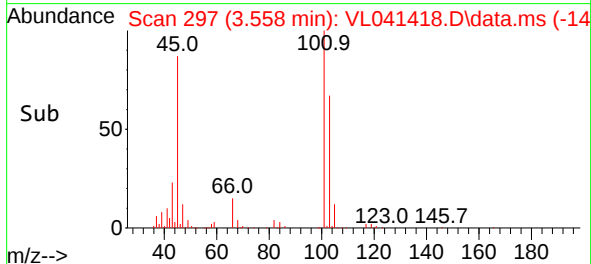


Tgt Ion: 45 Resp: 73461
Ion Ratio Lower Upper
45 100
58 2.7 1.9 2.9

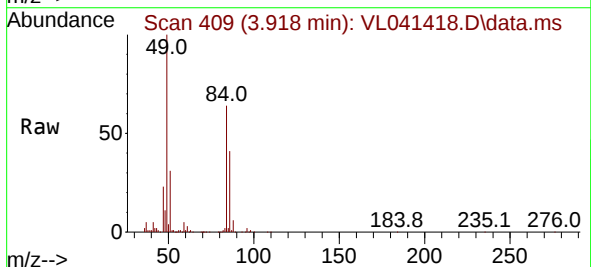
Manual Integrations

APPROVED

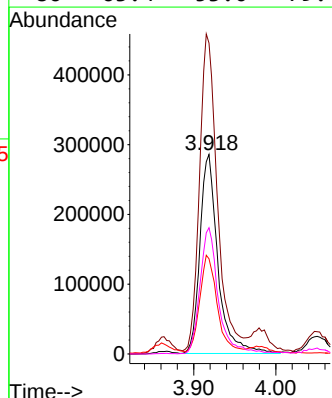
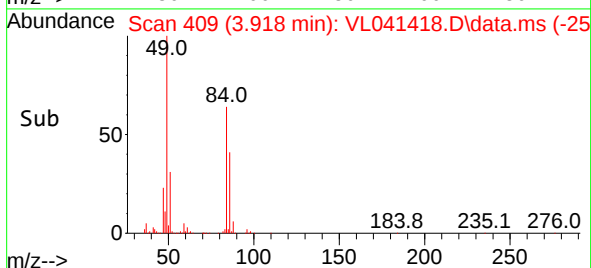
Reviewed By :Semsettin Yesilyurt 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024

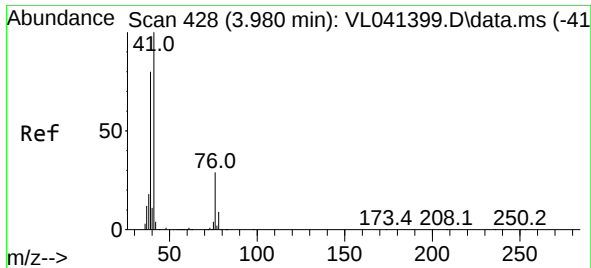


#20
Methylene Chloride
Concen: 9.025 ppbv
RT: 3.918 min Scan# 409
Delta R.T. 0.003 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45



Tgt Ion: 84 Resp: 434940
Ion Ratio Lower Upper
84 100
49 154.4 126.6 190.0
51 46.7 38.6 58.0
86 63.4 53.0 79.4





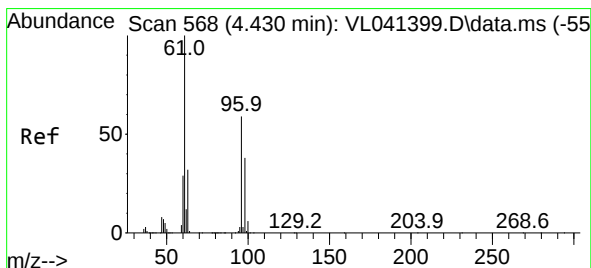
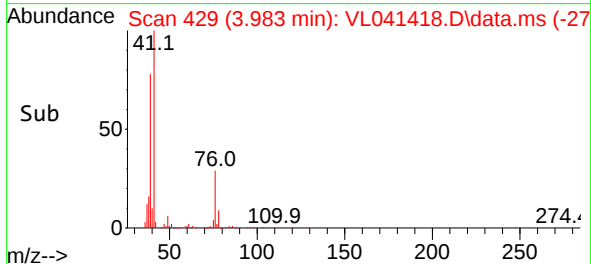
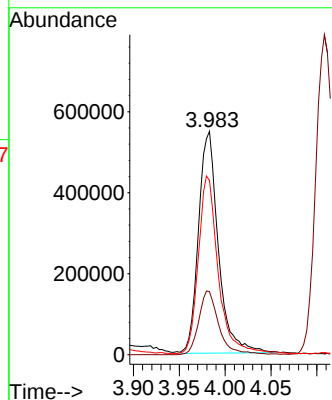
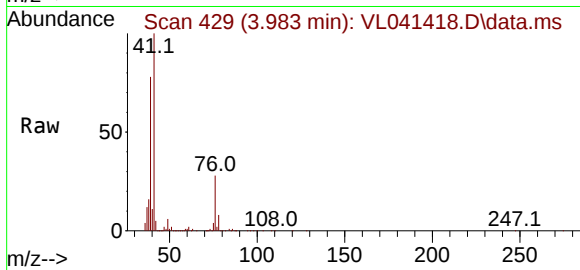
#21
 Allyl Chloride
 Concen: 9.747 ppbv
 RT: 3.983 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL041418.D
 Acq: 26 Jul 2024 12:45

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 41 Resp: 826140
 Ion Ratio Lower Upper
 41 100
 76 29.2 23.7 35.5
 39 80.3 64.3 96.5

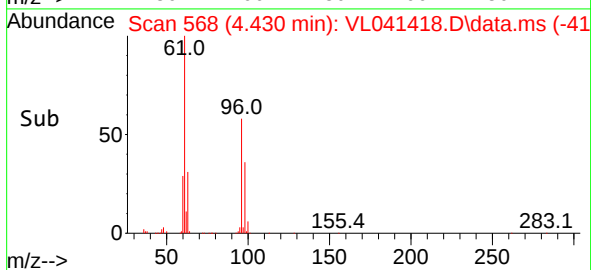
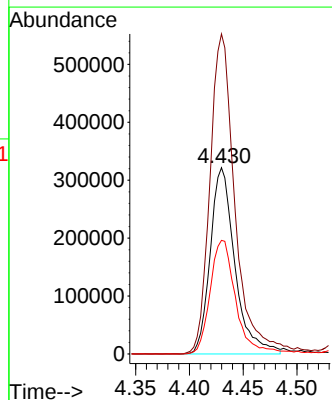
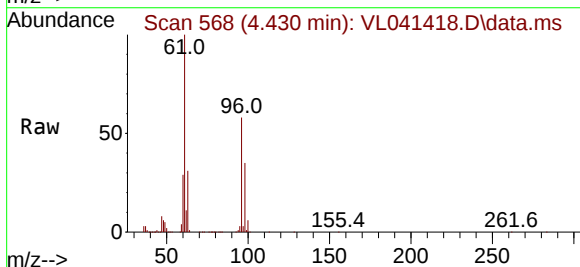
Manual Integrations
 APPROVED

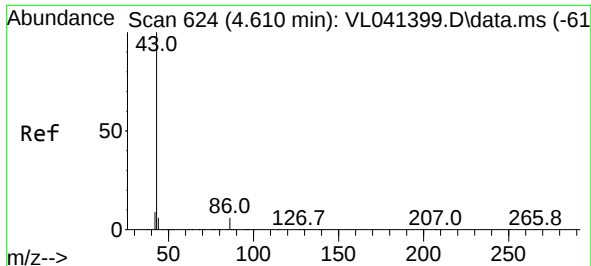
Reviewed By :Semsettin Yesilyurt 07/29/2024
 Supervised By :Mahesh Dadoda 07/29/2024



#22
 trans-1,2-Dichloroethene
 Concen: 9.591 ppbv
 RT: 4.430 min Scan# 568
 Delta R.T. -0.000 min
 Lab File: VL041418.D
 Acq: 26 Jul 2024 12:45

Tgt Ion: 96 Resp: 513313
 Ion Ratio Lower Upper
 96 100
 61 171.9 135.4 203.2
 98 60.9 51.0 76.4





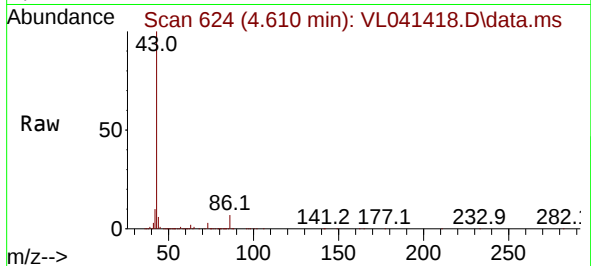
#23
Vinyl Acetate
Concen: 10.609 ppbv
RT: 4.610 min Scan# 610
Delta R.T. -0.000 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

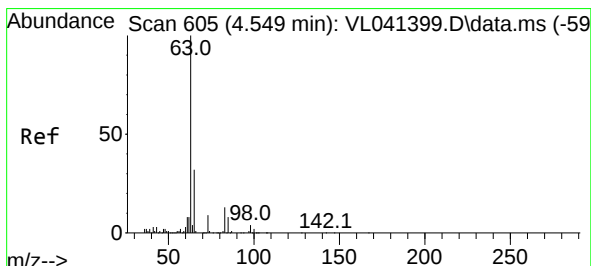
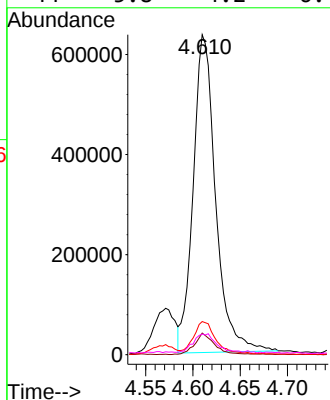
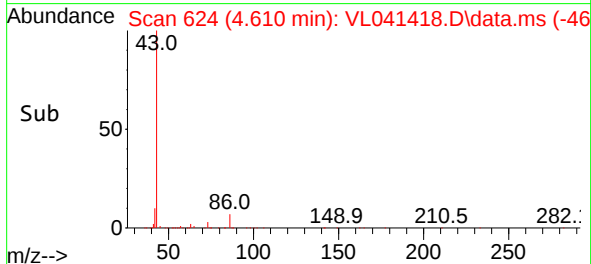


Tgt Ion: 43 Resp: 104710
Ion Ratio Lower Upper
43 100
86 6.7 4.6 6.8
42 10.3 7.9 11.9
44 5.8 4.2 6.4

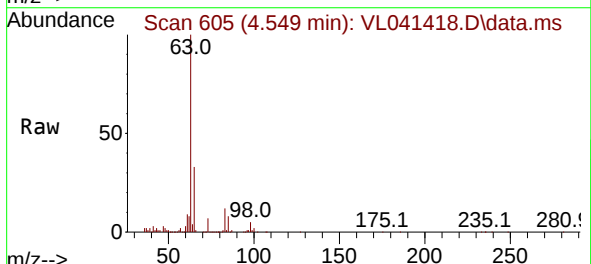
Manual Integrations

APPROVED

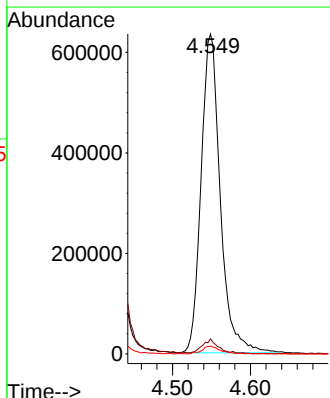
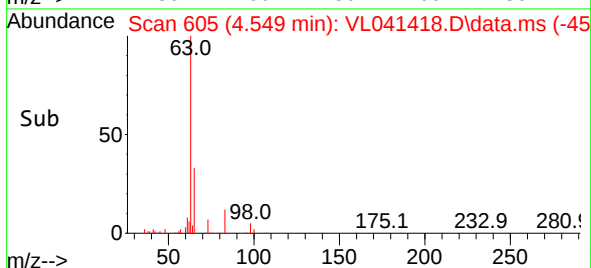
Reviewed By :Semsettin Yesilyurt 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024

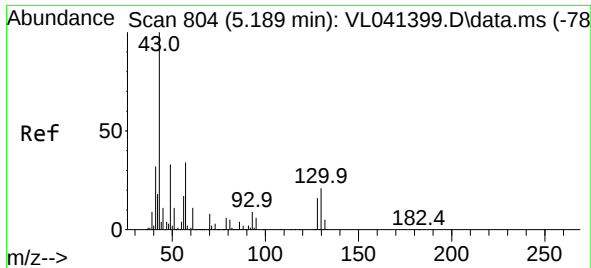


#24
1,1-Dichloroethane
Concen: 9.341 ppbv
RT: 4.549 min Scan# 605
Delta R.T. -0.000 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45



Tgt Ion: 63 Resp: 1085602
Ion Ratio Lower Upper
63 100
98 4.6 2.0 6.0
100 2.3 1.2 3.6





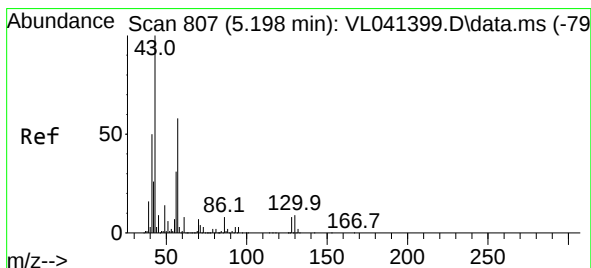
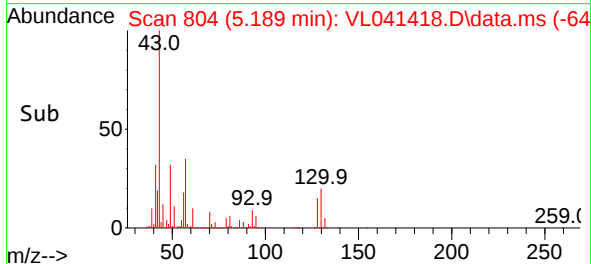
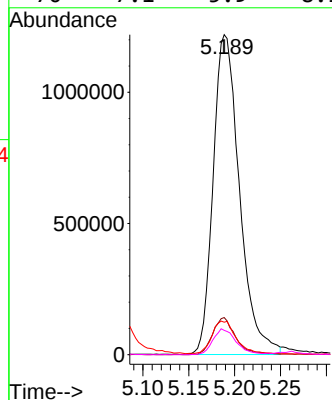
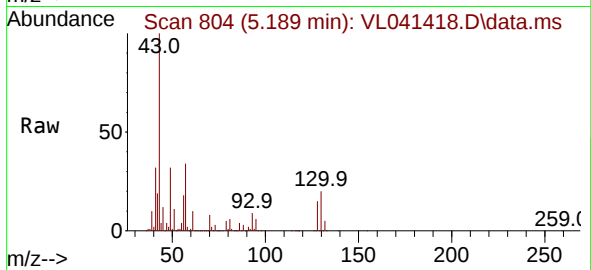
#25
Ethyl Acetate
Concen: 9.488 ppbv
RT: 5.189 min Scan# 804
Delta R.T. -0.000 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 243595
Ion Ratio Lower Upper
43 100
45 10.5 8.5 12.7
61 10.1 8.0 12.0
70 7.1 5.9 8.9

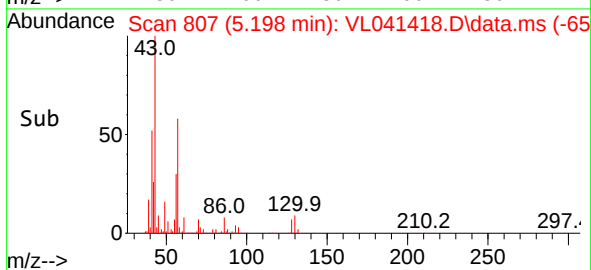
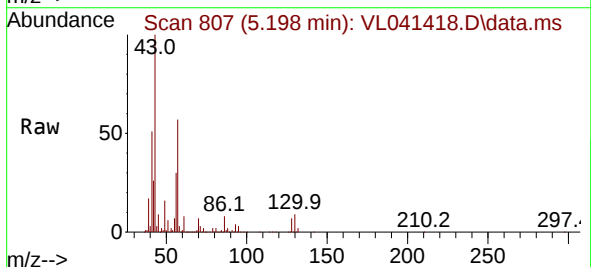
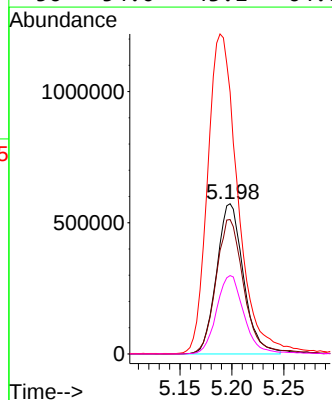
Manual Integrations
APPROVED

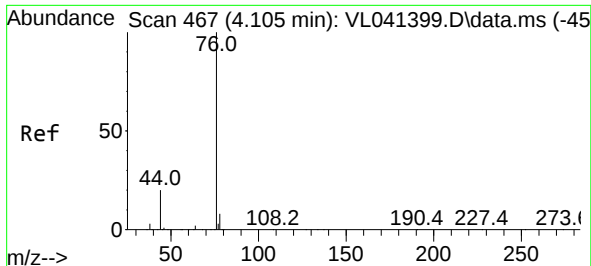
Reviewed By :Semsettin Yesilyurt 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024



#26
Hexane
Concen: 9.660 ppbv
RT: 5.198 min Scan# 807
Delta R.T. -0.000 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45

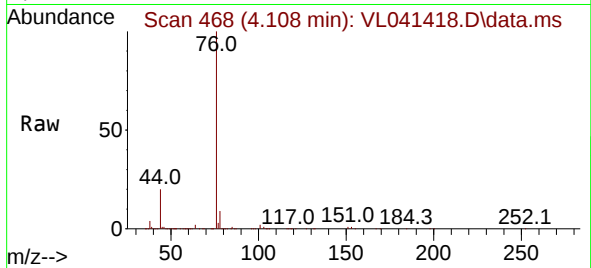
Tgt Ion: 57 Resp: 1028862
Ion Ratio Lower Upper
57 100
41 93.9 74.0 111.0
43 241.2 193.6 290.4
56 54.0 43.1 64.7





#27
Carbon Disulfide
Concen: 9.785 ppbv
RT: 4.108 min Scan# 40
Delta R.T. 0.003 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45

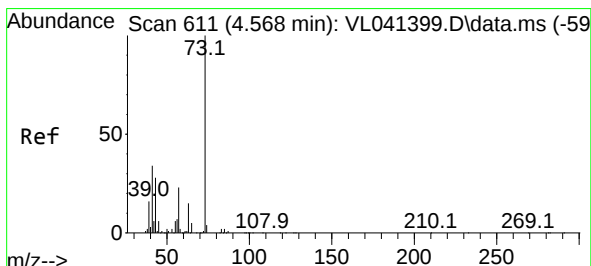
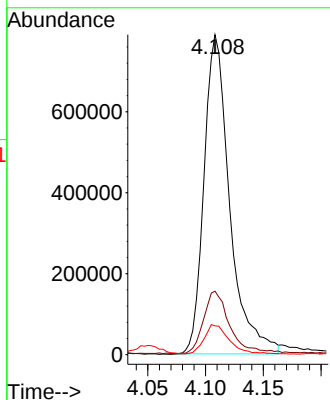
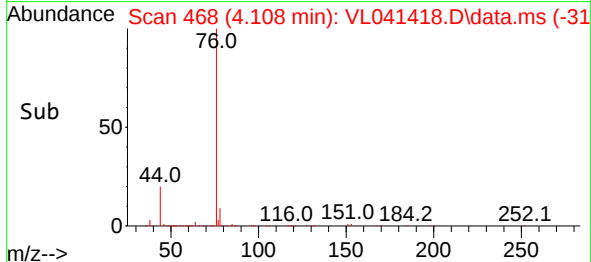
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 76 Resp: 1219200
Ion Ratio Lower Upper
76 100
44 20.3 15.6 23.4
78 9.6 7.7 11.5

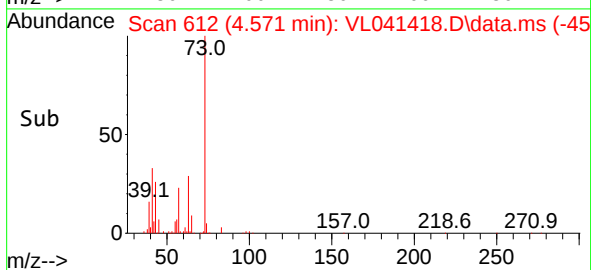
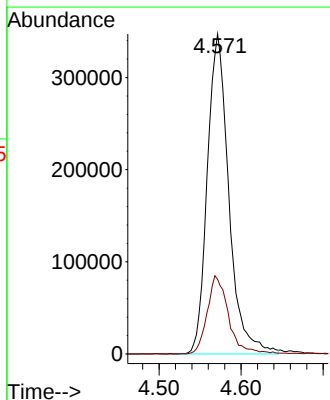
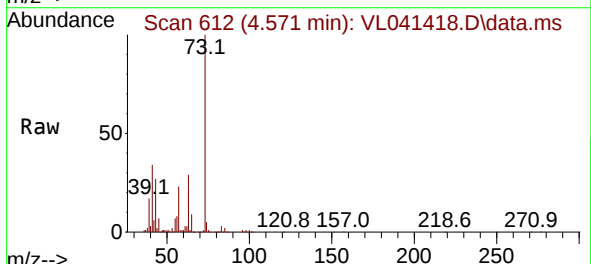
Manual Integrations
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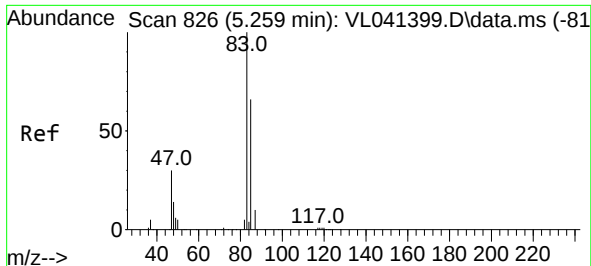
Reviewed By :Semsettin Yesilyurt 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024



#28
Methyl tert-Butyl Ether
Concen: 9.438 ppbv
RT: 4.571 min Scan# 612
Delta R.T. 0.003 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45

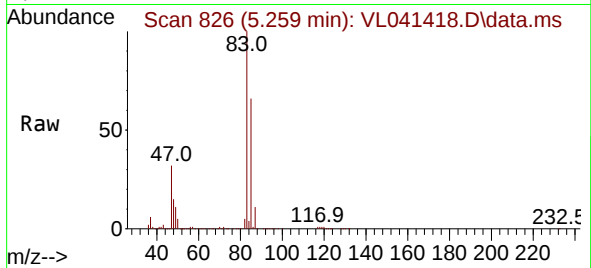
Tgt Ion: 73 Resp: 633929
Ion Ratio Lower Upper
73 100
57 24.3 18.9 28.3





#29
Chloroform
Concen: 9.369 ppbv
RT: 5.259 min Scan# 81
Delta R.T. -0.000 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45

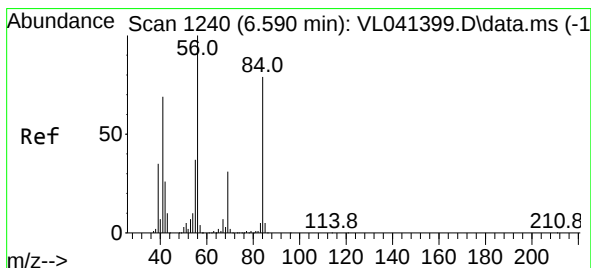
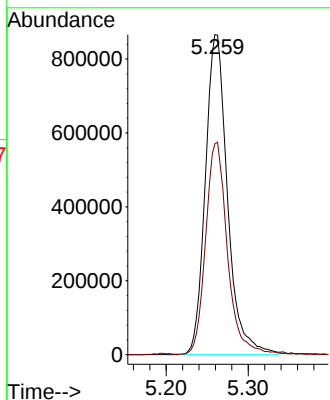
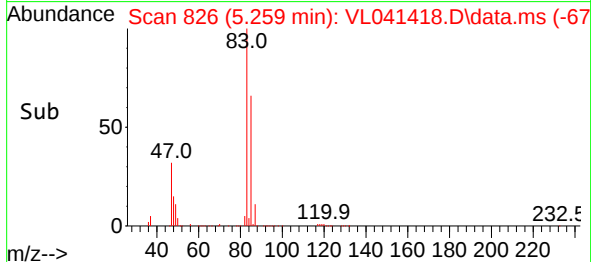
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 83 Resp: 162764
Ion Ratio Lower Upper
83 100
85 65.8 53.1 79.7

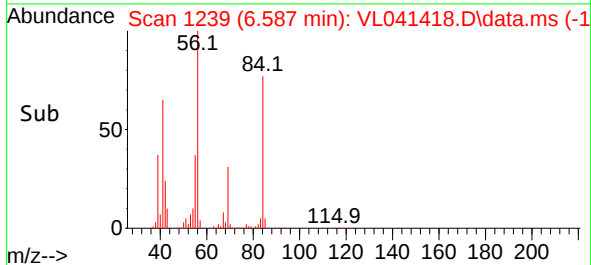
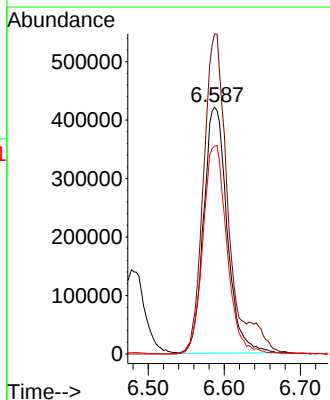
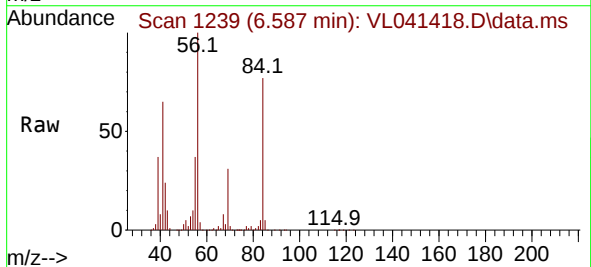
Manual Integrations
APPROVED

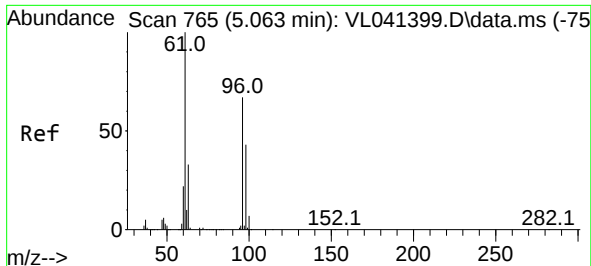
Reviewed By :Semsettin Yesilyurt 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024



#30
Cyclohexane
Concen: 10.398 ppbv
RT: 6.587 min Scan# 1239
Delta R.T. -0.003 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45

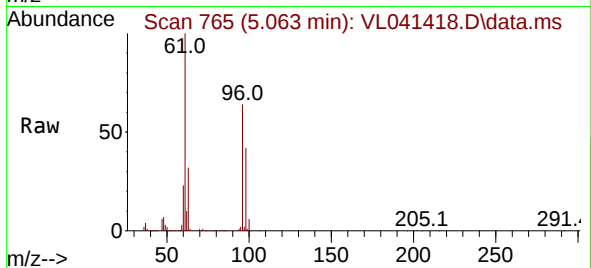
Tgt Ion: 84 Resp: 901886
Ion Ratio Lower Upper
84 100
56 137.3 111.2 166.8
41 86.2 70.3 105.5





#31
 cis-1,2-Dichloroethene
 Concen: 9.619 ppbv
 RT: 5.063 min Scan# 765
 Delta R.T. -0.000 min
 Lab File: VL041418.D
 Acq: 26 Jul 2024 12:45

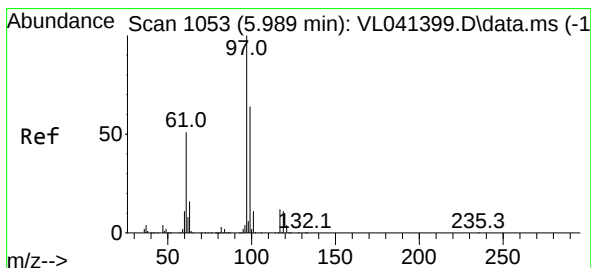
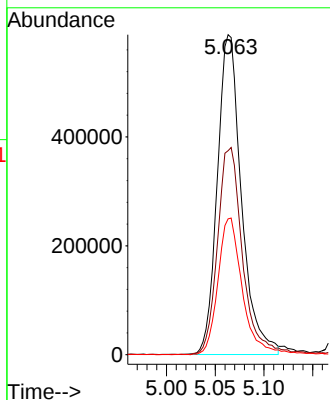
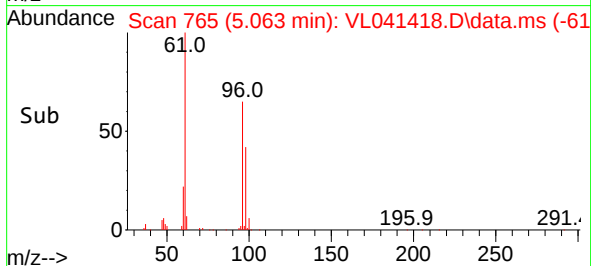
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 61 Resp: 1012059
 Ion Ratio Lower Upper
 61 100
 96 63.7 53.4 80.2
 98 42.4 34.4 51.6

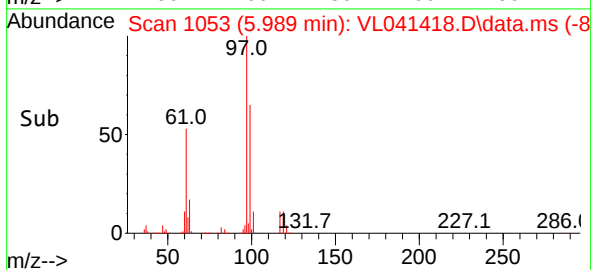
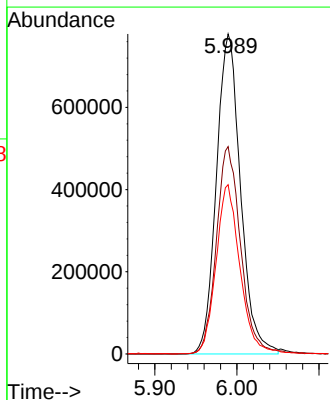
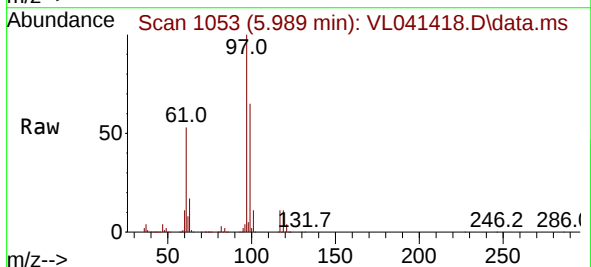
Manual Integrations
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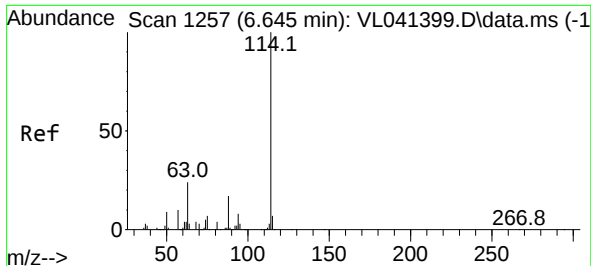
Reviewed By :Semsettin Yesilyurt 07/29/2024
 Supervised By :Mahesh Dadoda 07/29/2024



#32
 1,1,1-Trichloroethane
 Concen: 9.417 ppbv
 RT: 5.989 min Scan# 1053
 Delta R.T. -0.000 min
 Lab File: VL041418.D
 Acq: 26 Jul 2024 12:45

Tgt Ion: 97 Resp: 1592542
 Ion Ratio Lower Upper
 97 100
 99 65.4 52.0 78.0
 61 52.9 41.8 62.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.642 min Scan# 1257

Delta R.T. -0.003 min

Lab File: VL041418.D

Acq: 26 Jul 2024 12:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:114 Resp: 3106729

Ion Ratio Lower Upper

114 100

63 25.3 20.3 30.5

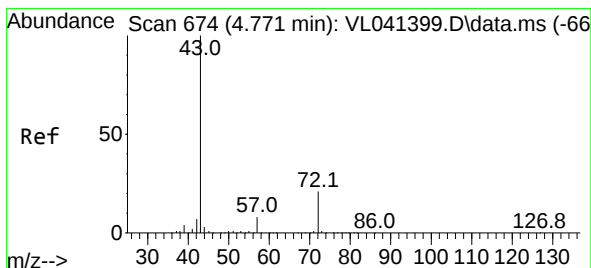
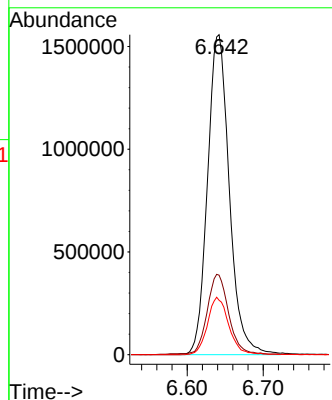
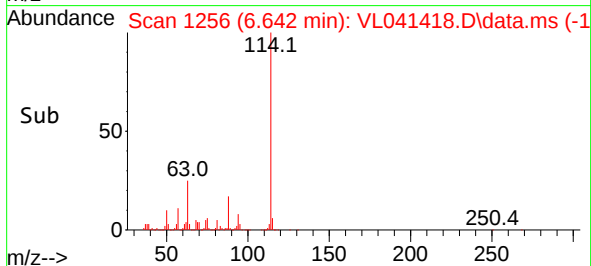
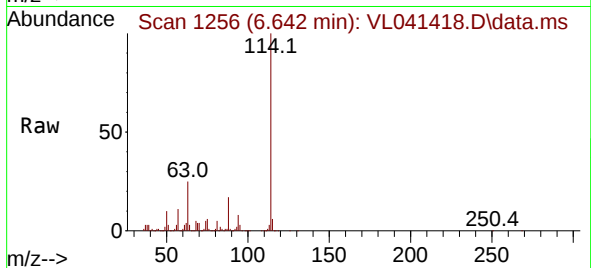
88 17.6 14.3 21.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/29/2024

Supervised By :Mahesh Dadoda 07/29/2024



#34

2-Butanone

Concen: 9.733 ppbv

RT: 4.771 min Scan# 674

Delta R.T. -0.000 min

Lab File: VL041418.D

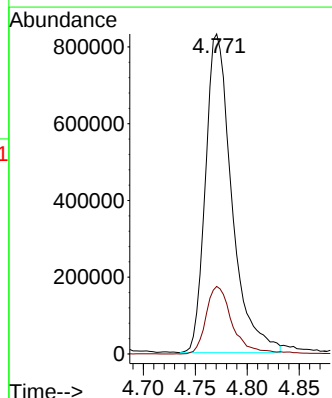
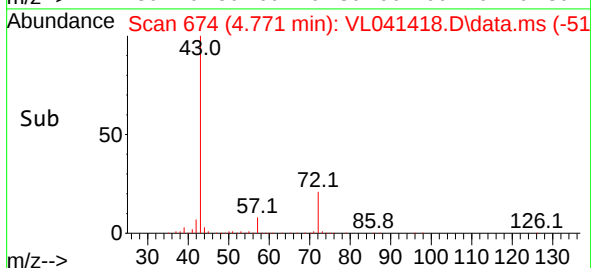
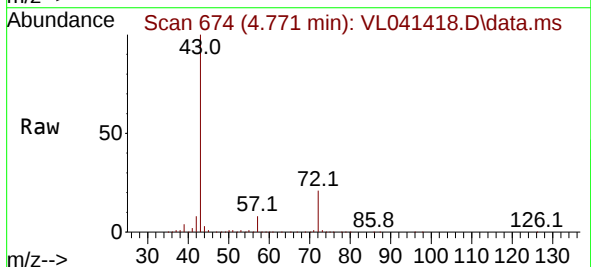
Acq: 26 Jul 2024 12:45

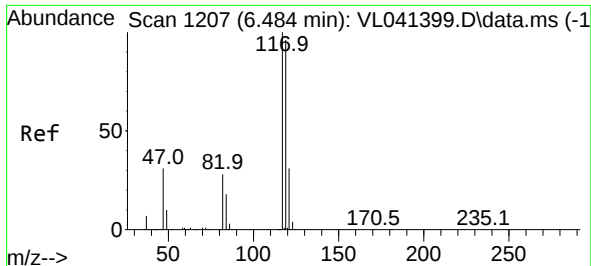
Tgt Ion: 43 Resp: 1462654

Ion Ratio Lower Upper

43 100

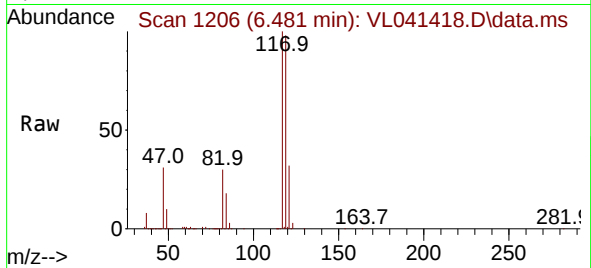
72 21.5 17.3 25.9





#35
Carbon Tetrachloride
Concen: 9.823 ppbv
RT: 6.481 min Scan# 1167
Delta R.T. -0.003 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45

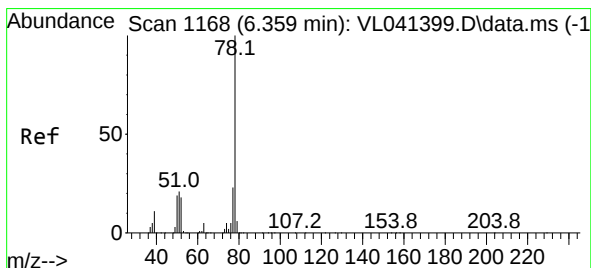
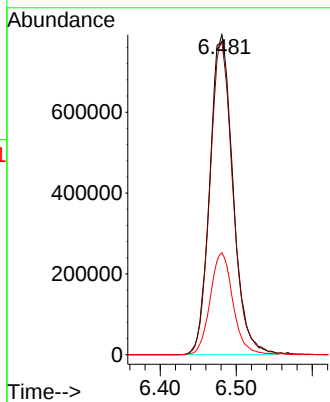
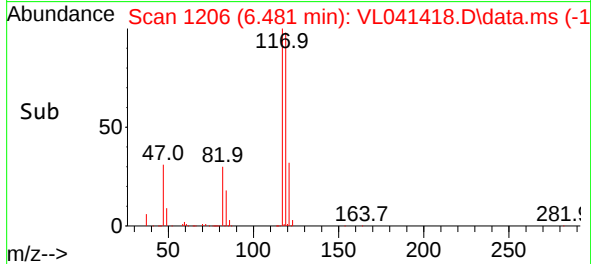
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 117 Resp: 1683189
Ion Ratio Lower Upper
117 100
119 97.8 76.6 115.0
121 31.9 25.1 37.7

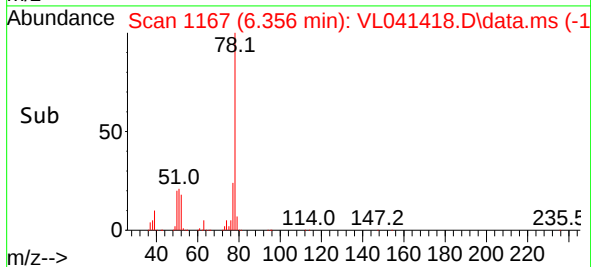
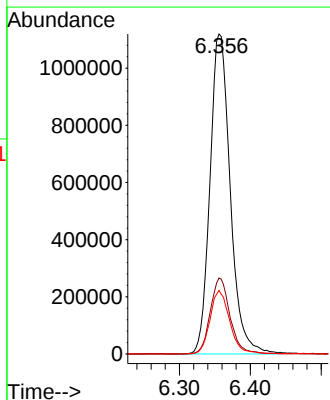
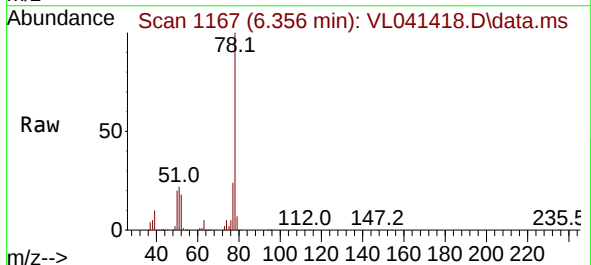
Manual Integrations
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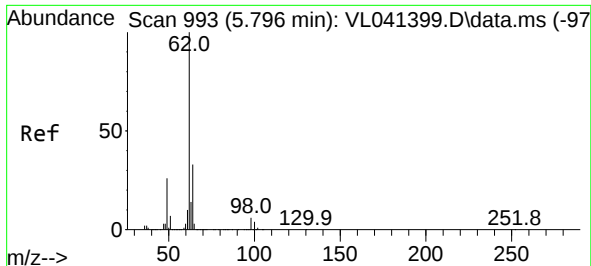
Reviewed By :Semsettin Yesilyurt 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024



#36
Benzene
Concen: 9.797 ppbv
RT: 6.356 min Scan# 1167
Delta R.T. -0.003 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45

Tgt Ion: 78 Resp: 2223928
Ion Ratio Lower Upper
78 100
77 23.7 18.1 27.1
50 19.9 15.5 23.3





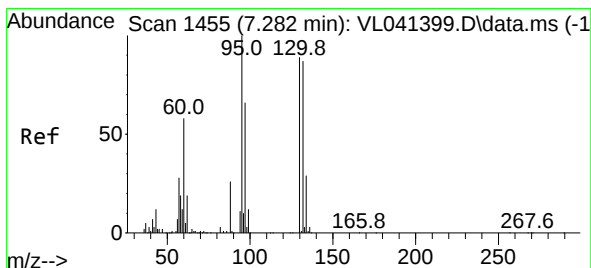
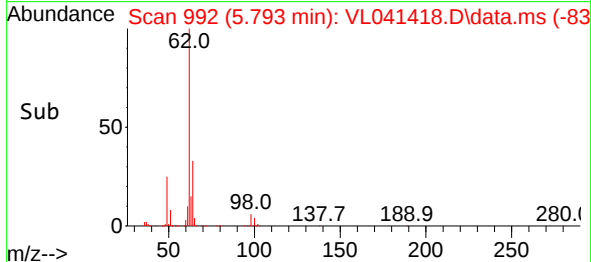
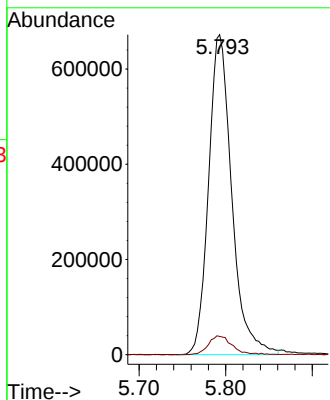
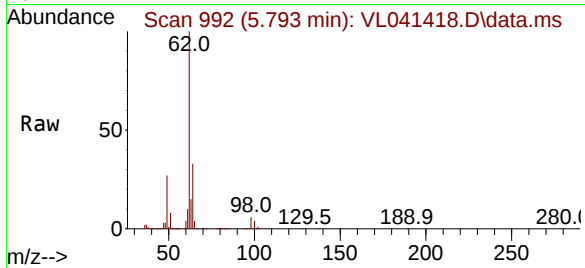
#37
1,2-Dichloroethane
Concen: 9.836 ppbv
RT: 5.793 min Scan# 993
Delta R.T. -0.003 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 62 Resp: 1249719
Ion Ratio Lower Upper
62 100
98 6.2 5.0 7.4

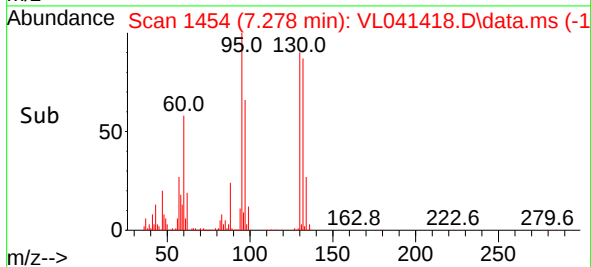
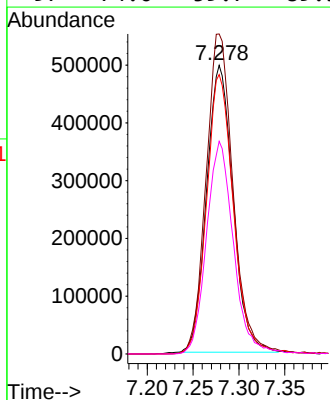
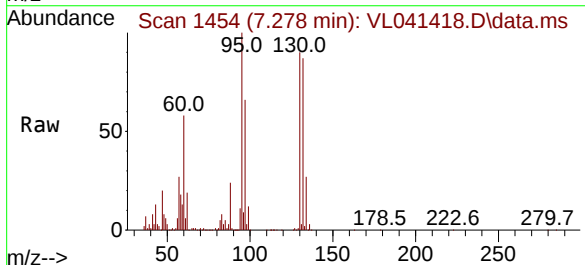
Manual Integrations
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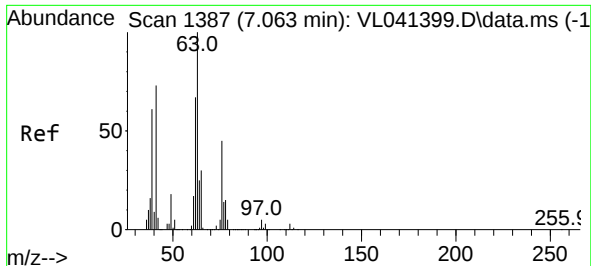
Reviewed By :Semsettin Yesilyurt 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024



#38
Trichloroethene
Concen: 9.570 ppbv
RT: 7.278 min Scan# 1454
Delta R.T. -0.003 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45

Tgt Ion:130 Resp: 995320
Ion Ratio Lower Upper
130 100
95 111.2 90.2 135.2
132 97.1 78.1 117.1
97 74.0 59.7 89.5





#39

1,2-Dichloropropane

Concen: 9.847 ppbv

RT: 7.063 min Scan# 1410

Delta R.T. -0.000 min

Lab File: VL041418.D

Acq: 26 Jul 2024 12:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 63 Resp: 855808

Ion Ratio Lower Upper

63 100

41 72.5 58.3 87.5

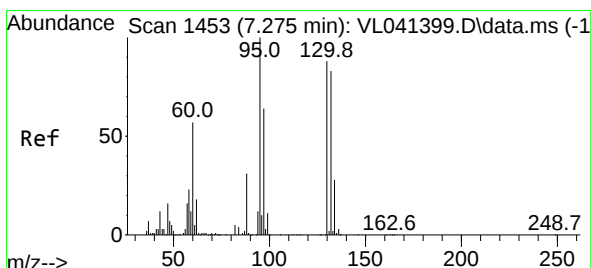
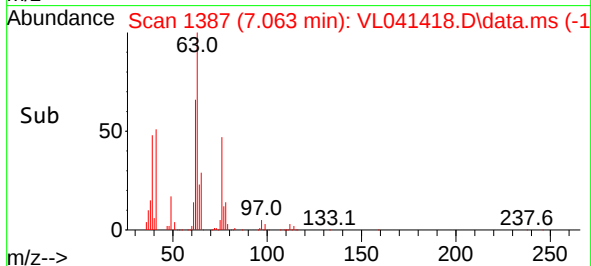
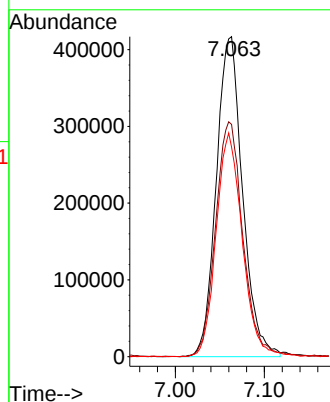
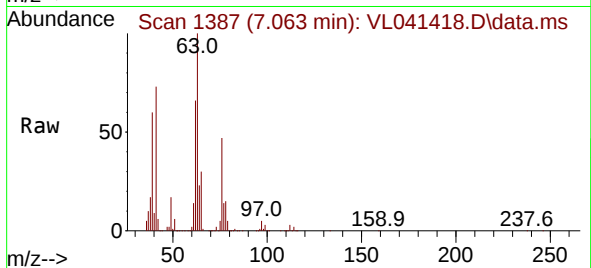
62 65.5 53.9 80.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/29/2024

Supervised By :Mahesh Dadoda 07/29/2024



#40

1,4-Dioxane

Concen: 9.530 ppbv

RT: 7.269 min Scan# 1451

Delta R.T. -0.006 min

Lab File: VL041418.D

Acq: 26 Jul 2024 12:45

Tgt Ion: 88 Resp: 332729

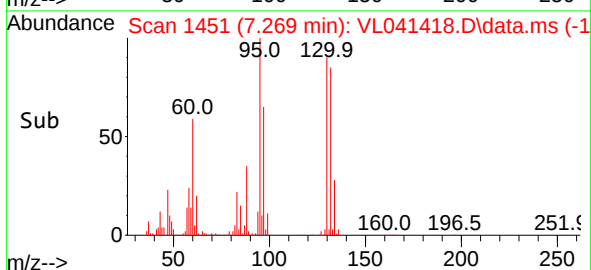
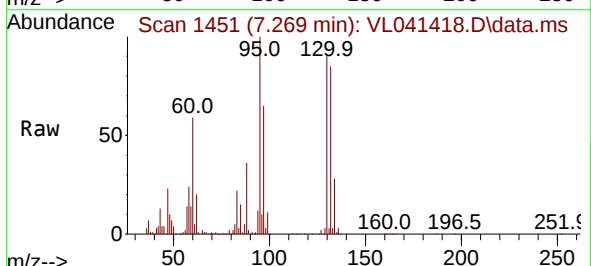
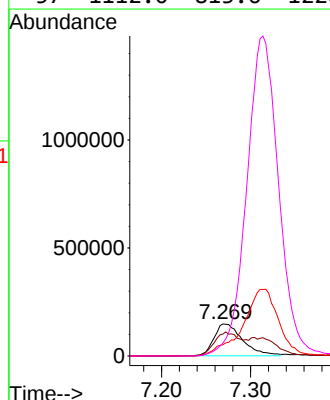
Ion Ratio Lower Upper

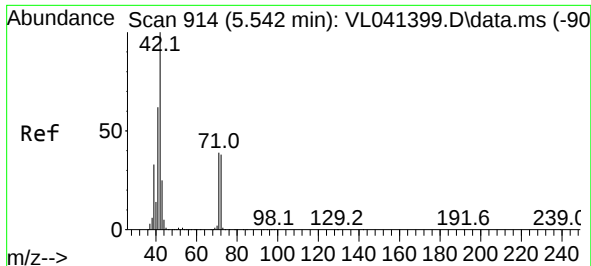
88 100

58 126.2 95.8 143.6

43 259.4 188.2 282.2

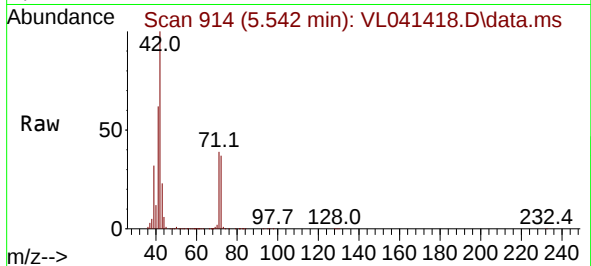
57 1112.0 813.6 1220.4





#41
Tetrahydrofuran
Concen: 10.158 ppbv
RT: 5.542 min Scan# 914
Delta R.T. -0.000 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45

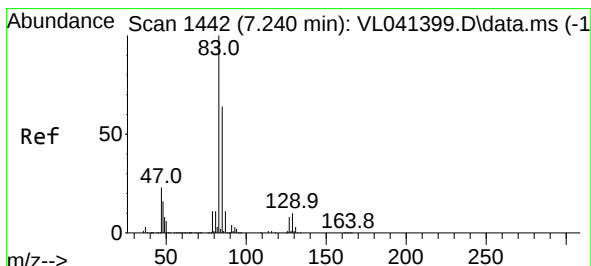
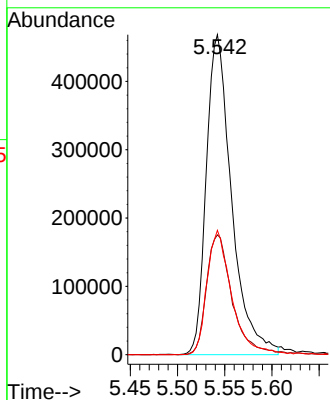
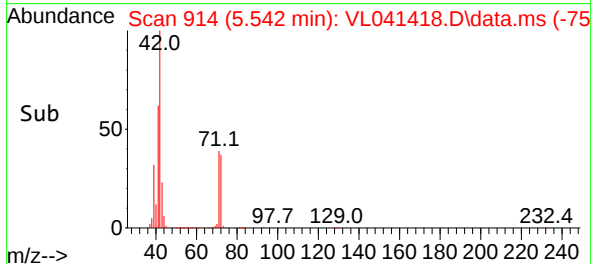
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 42 Resp: 873079
Ion Ratio Lower Upper
42 100
72 38.5 31.2 46.8
71 38.3 30.5 45.7

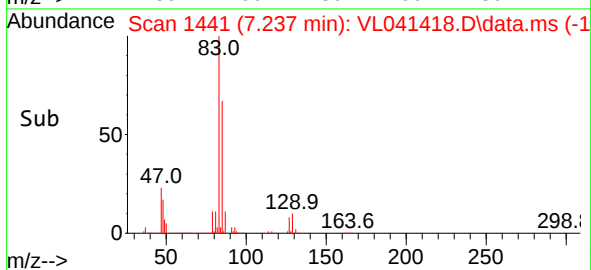
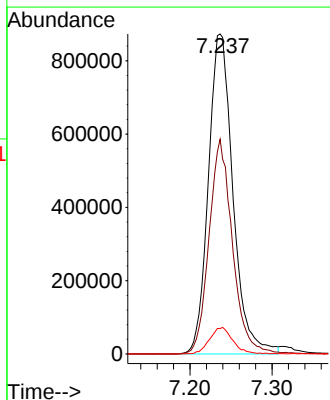
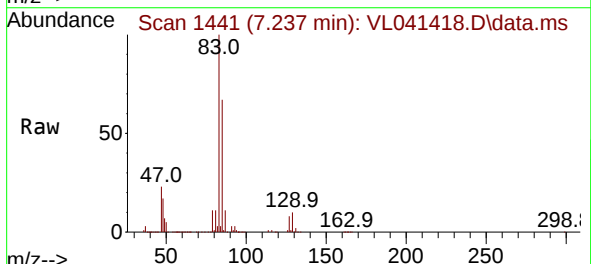
Manual Integrations
APPROVED

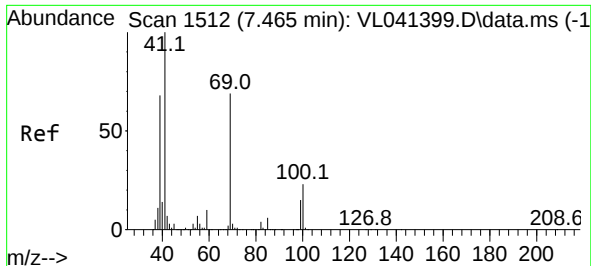
Reviewed By :Semsettin Yesilyurt 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024



#42
Bromodichloromethane
Concen: 9.939 ppbv
RT: 7.237 min Scan# 1441
Delta R.T. -0.003 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45

Tgt Ion: 83 Resp: 1823428
Ion Ratio Lower Upper
83 100
85 67.1 51.4 77.0
127 8.0 6.7 10.1





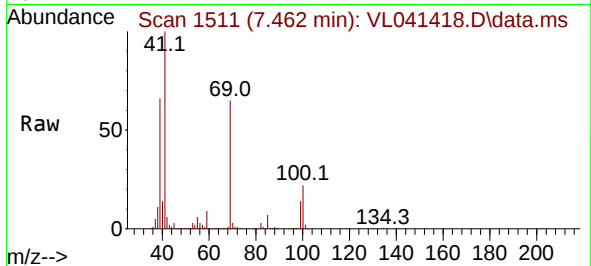
#43
Methyl Methacrylate
Concen: 10.831 ppbv
RT: 7.462 min Scan# 1511
Delta R.T. -0.003 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

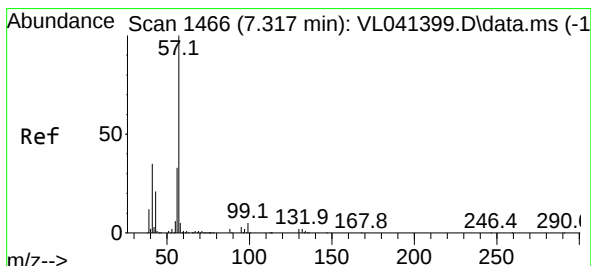
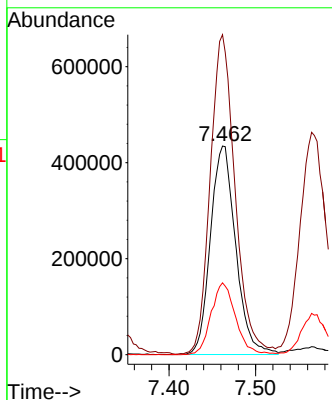
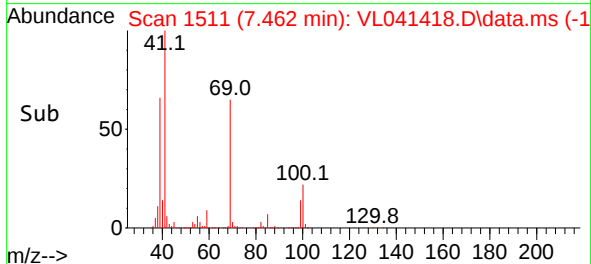


Tgt Ion: 69 Resp: 88164
Ion Ratio Lower Upper
69 100
41 150.7 118.7 178.1
100 33.4 27.0 40.4

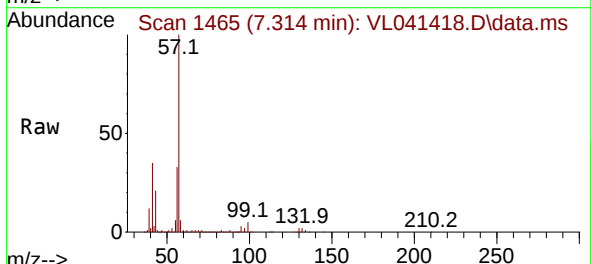
Manual Integrations

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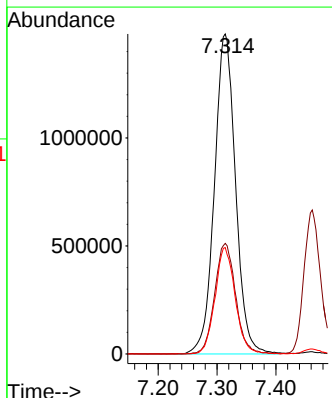
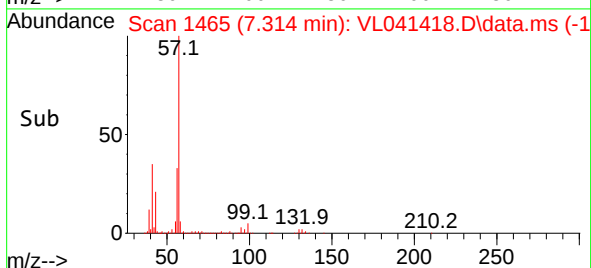
Reviewed By :Semsettin Yesilyurt 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024

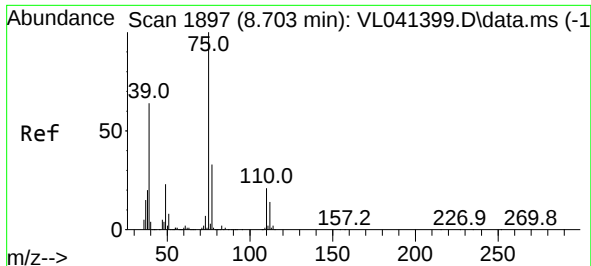


#44
2,2,4-Trimethylpentane
Concen: 9.746 ppbv
RT: 7.314 min Scan# 1465
Delta R.T. -0.003 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45



Tgt Ion: 57 Resp: 3695158
Ion Ratio Lower Upper
57 100
41 34.2 27.0 40.6
56 31.9 25.2 37.8





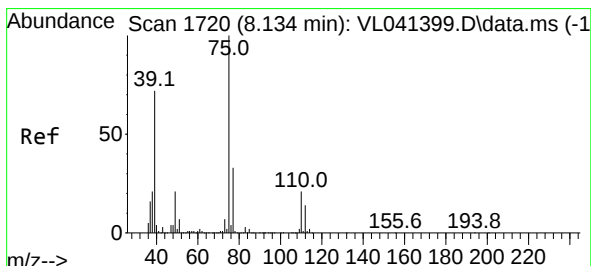
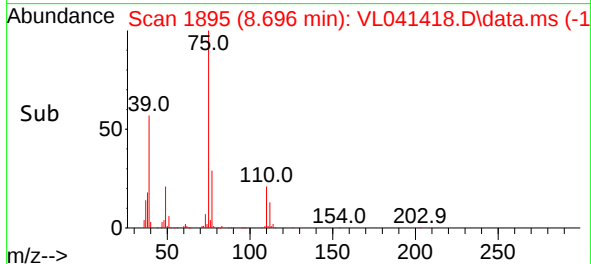
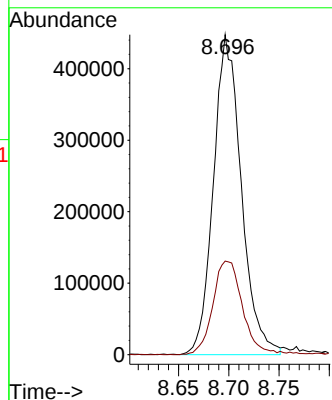
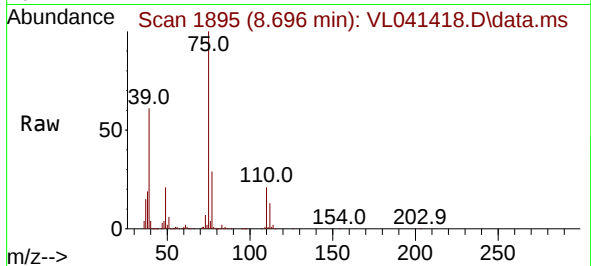
#45
t-1,3-Dichloropropene
Concen: 11.505 ppbv
RT: 8.696 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 75 Resp: 862058
Ion Ratio Lower Upper
75 100
77 29.2 26.5 39.7

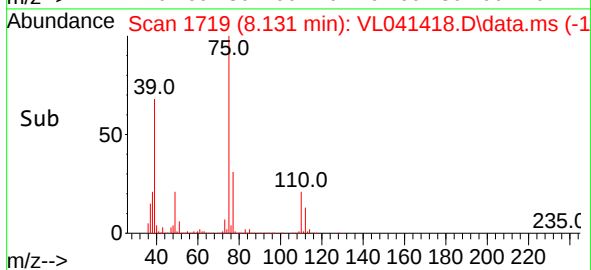
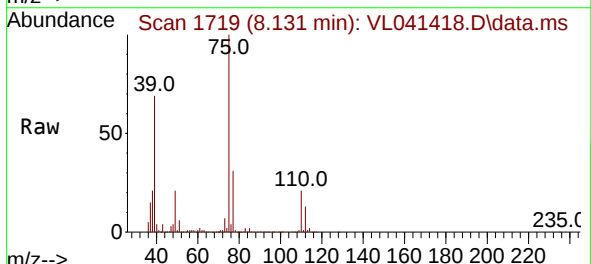
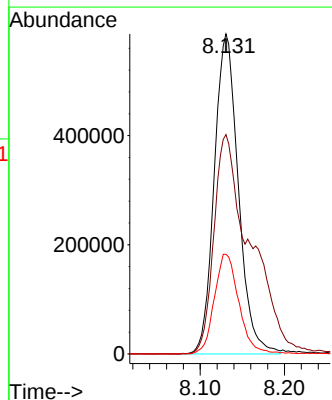
Manual Integrations
APPROVED

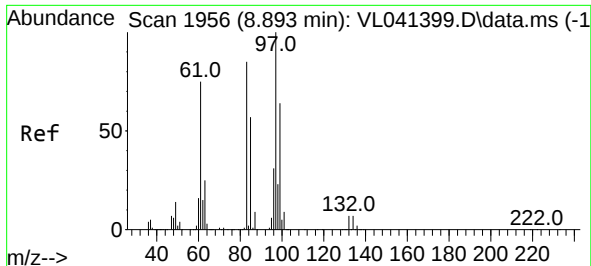
Reviewed By :Semsettin Yesilyurt 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024



#46
cis-1,3-Dichloropropene
Concen: 10.744 ppbv
RT: 8.131 min Scan# 1719
Delta R.T. -0.003 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45

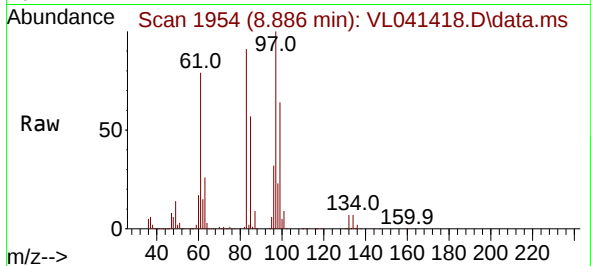
Tgt Ion: 75 Resp: 1162490
Ion Ratio Lower Upper
75 100
39 68.5 57.3 85.9
77 31.2 26.2 39.2





#47
1,1,2-Trichloroethane
Concen: 9.705 ppbv
RT: 8.886 min Scan# 1954
Delta R.T. -0.006 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45

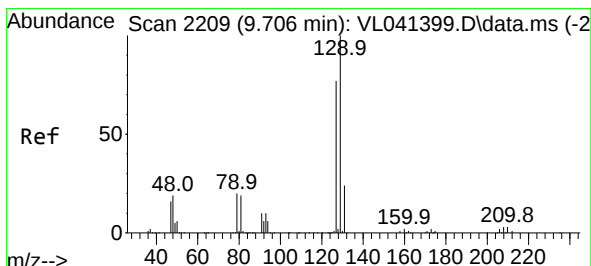
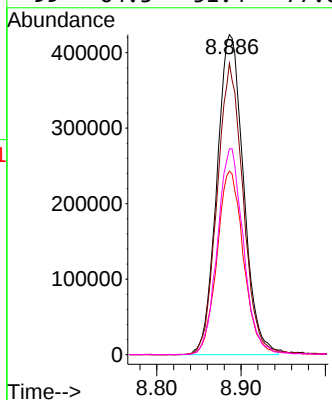
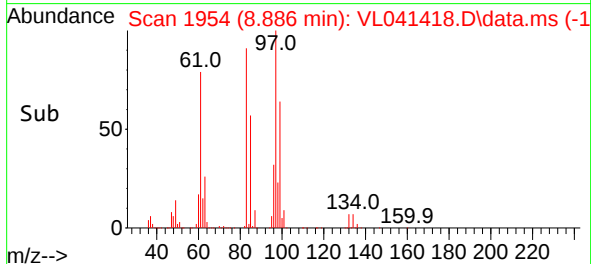
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 97 Resp: 92978
Ion Ratio Lower Upper
97 100
83 91.0 67.6 101.4
85 57.3 45.9 68.9
99 64.3 51.4 77.0

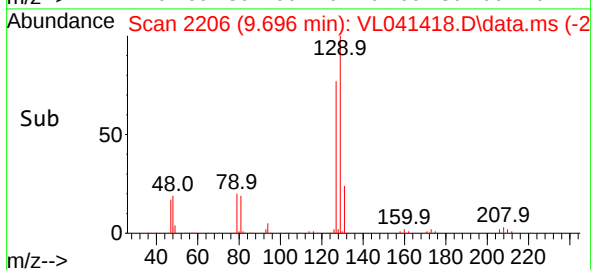
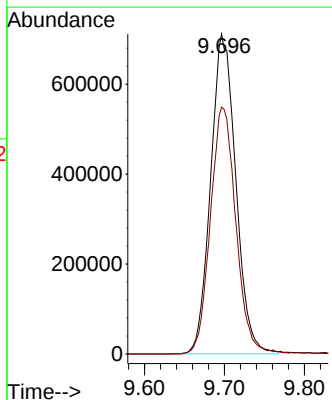
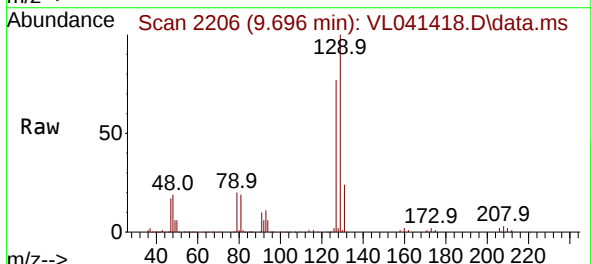
Manual Integrations
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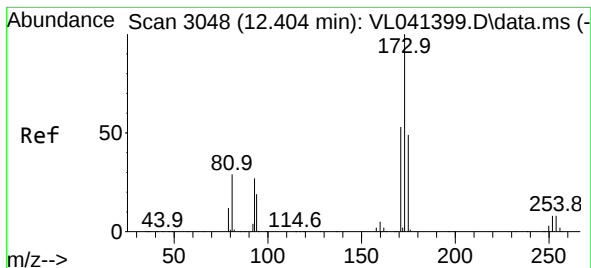
Reviewed By :Semsettin Yesilyurt 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024



#48
Dibromochloromethane
Concen: 10.050 ppbv
RT: 9.696 min Scan# 2206
Delta R.T. -0.010 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45

Tgt Ion:129 Resp: 1550980
Ion Ratio Lower Upper
129 100
127 78.6 39.3 117.8





#49

Bromoform

Concen: 10.409 ppbv

RT: 12.394 min Scan# 3048

Delta R.T. -0.010 min

Lab File: VL041418.D

Acq: 26 Jul 2024 12:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:173 Resp: 1357040

Ion Ratio Lower Upper

173 100

175 49.8 39.9 59.9

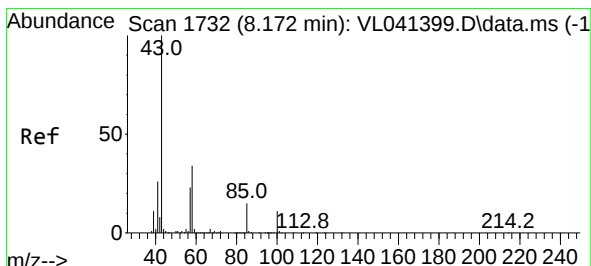
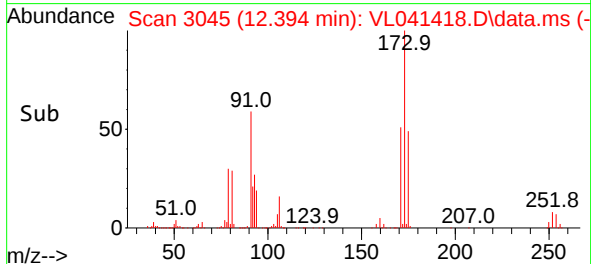
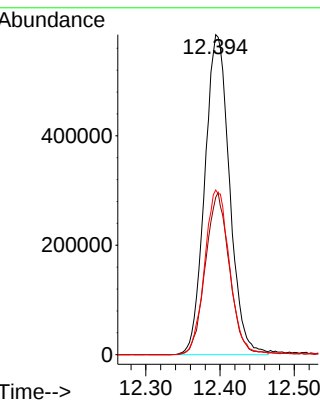
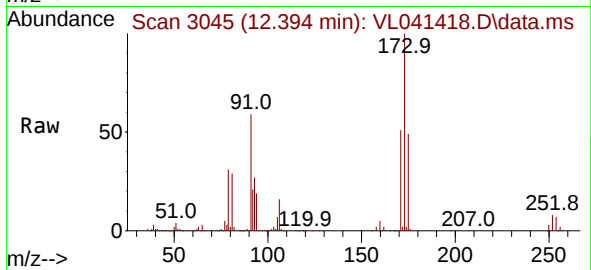
171 52.4 41.7 62.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/29/2024

Supervised By :Mahesh Dadoda 07/29/2024



#50

4-Methyl-2-Pentanone

Concen: 10.376 ppbv

RT: 8.169 min Scan# 1731

Delta R.T. -0.003 min

Lab File: VL041418.D

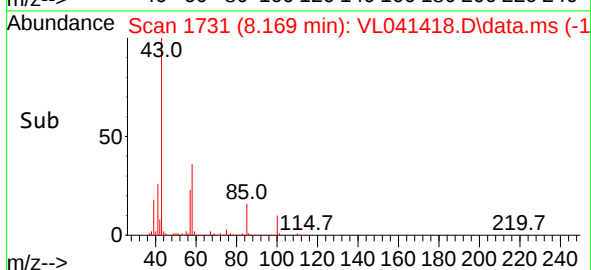
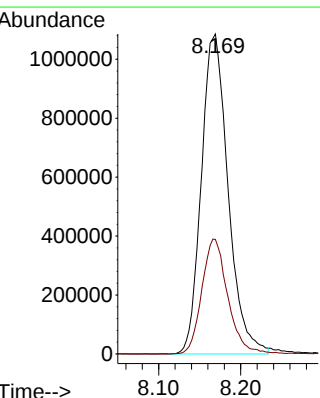
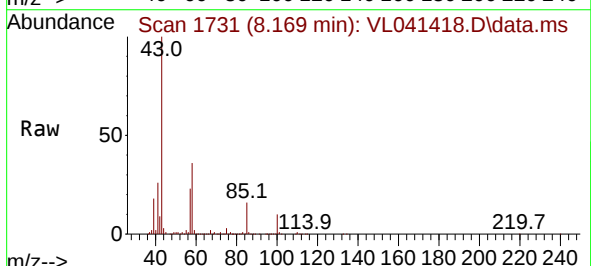
Acq: 26 Jul 2024 12:45

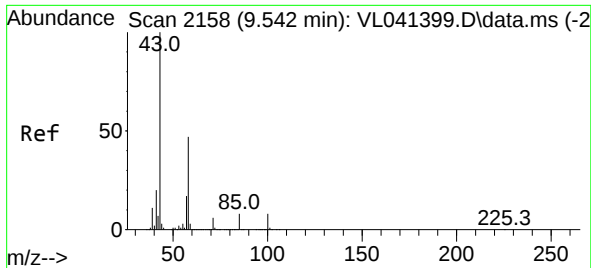
Tgt Ion: 43 Resp: 2460154

Ion Ratio Lower Upper

43 100

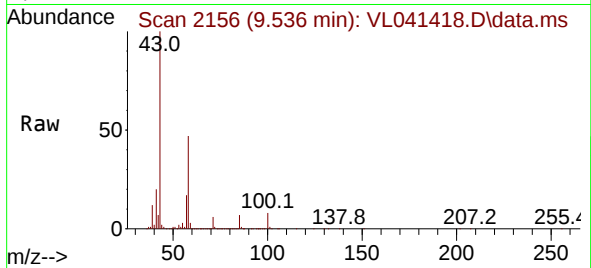
58 35.0 27.9 41.9





#51
2-Hexanone
Concen: 11.200 ppbv
RT: 9.536 min Scan# 2158
Delta R.T. -0.006 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45

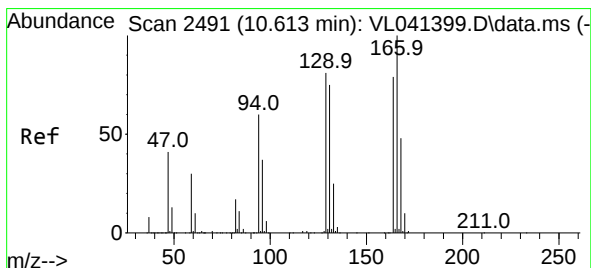
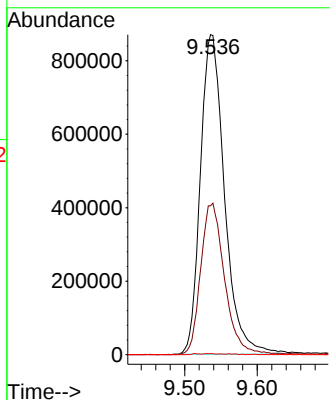
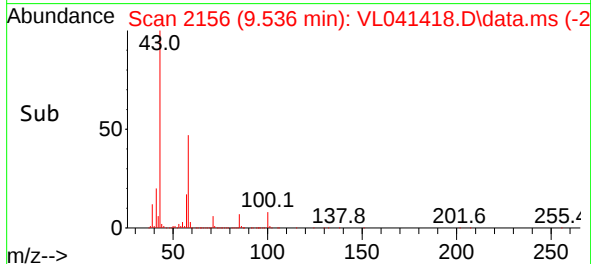
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 43 Resp: 200809
Ion Ratio Lower Upper
43 100
58 47.3 38.2 57.2
98 0.5 0.3 0.5

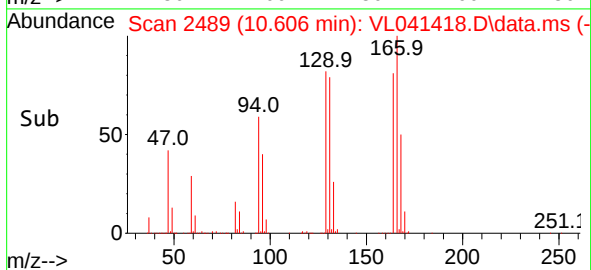
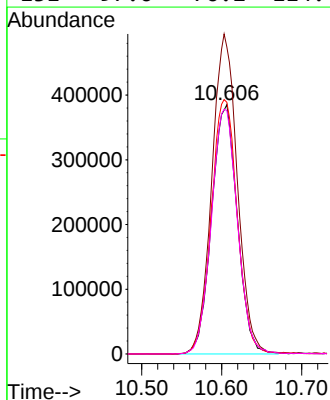
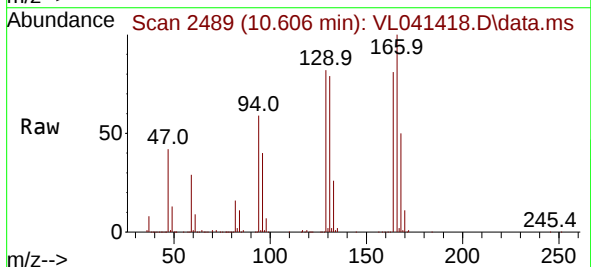
Manual Integrations
APPROVED

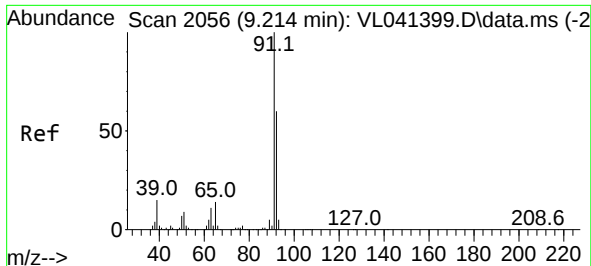
Reviewed By :Semsettin Yesilyurt 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024



#52
Tetrachloroethene
Concen: 9.754 ppbv
RT: 10.606 min Scan# 2489
Delta R.T. -0.006 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45

Tgt Ion:164 Resp: 855602
Ion Ratio Lower Upper
164 100
166 123.2 101.1 151.7
129 100.9 81.7 122.5
131 97.6 76.2 114.4





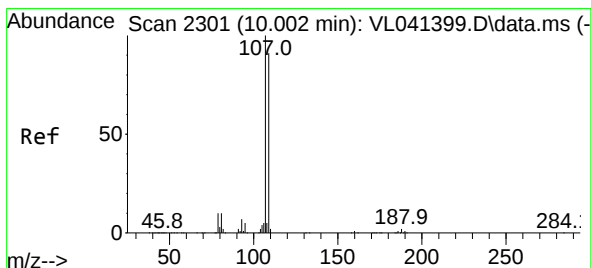
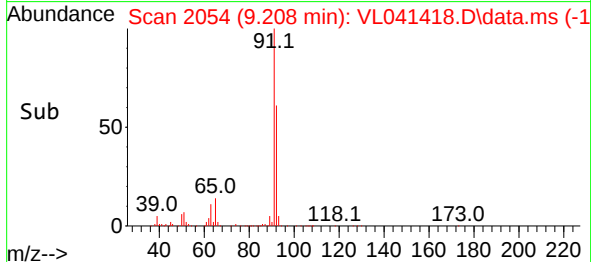
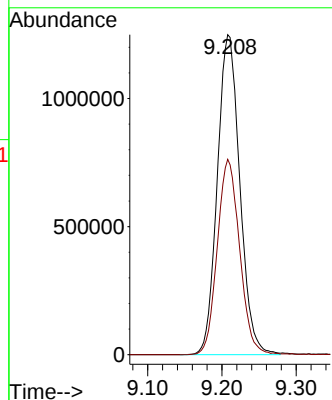
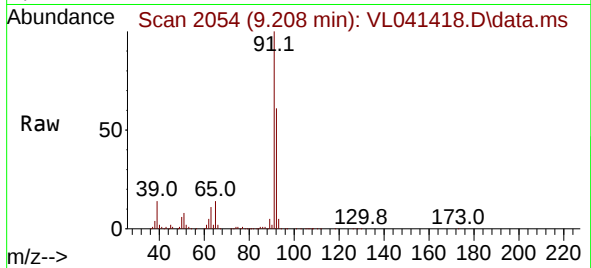
#53
Toluene
Concen: 10.417 ppbv
RT: 9.208 min Scan# 2056
Delta R.T. -0.006 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 263408
Ion Ratio Lower Upper
91 100
92 60.9 48.7 73.1

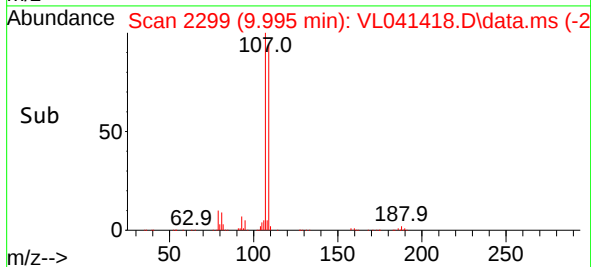
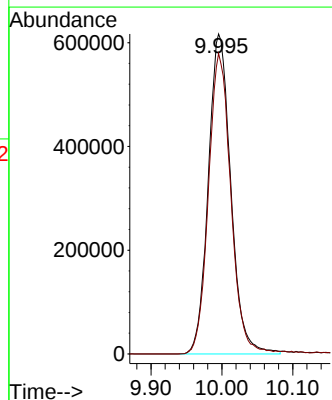
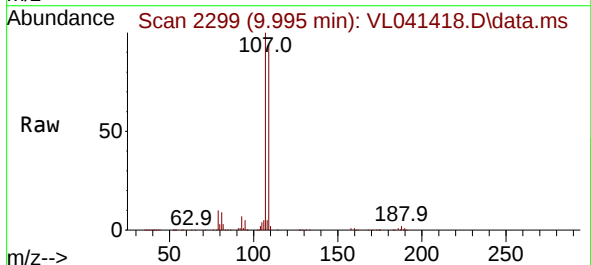
Manual Integrations
APPROVED

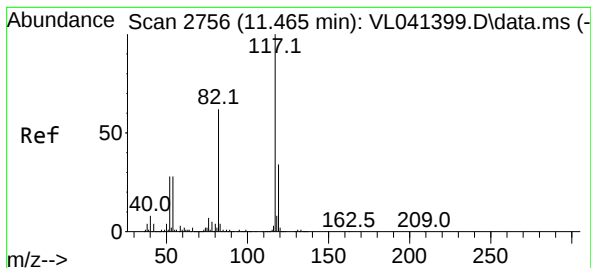
Reviewed By :Semsettin Yesilyurt 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024



#54
1,2-Dibromoethane
Concen: 10.667 ppbv
RT: 9.995 min Scan# 2299
Delta R.T. -0.006 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45

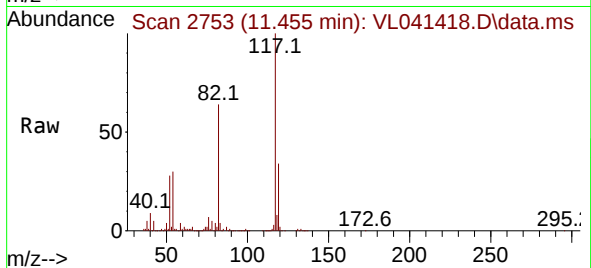
Tgt Ion:107 Resp: 1360115
Ion Ratio Lower Upper
107 100
109 93.8 72.7 109.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.455 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45

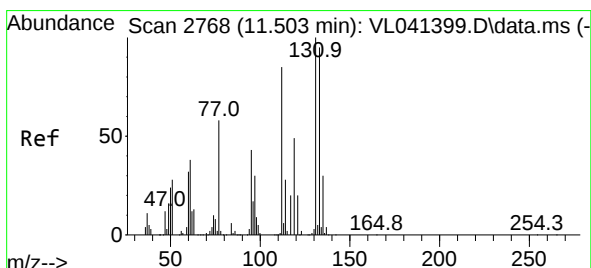
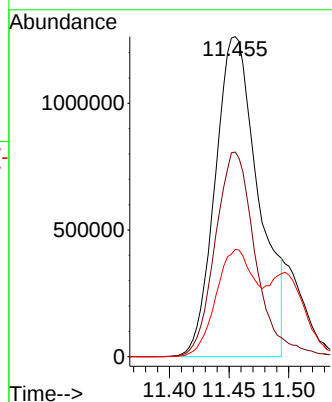
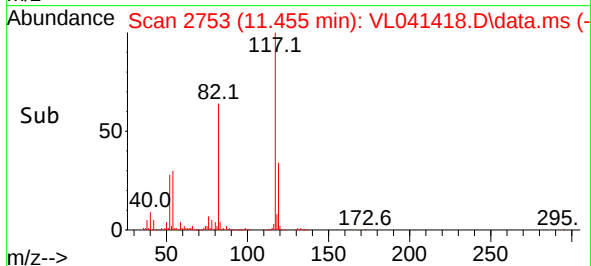
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:117 Resp: 3182400
Ion Ratio Lower Upper
117 100
82 60.1 51.0 76.6
119 32.1 45.2 67.8

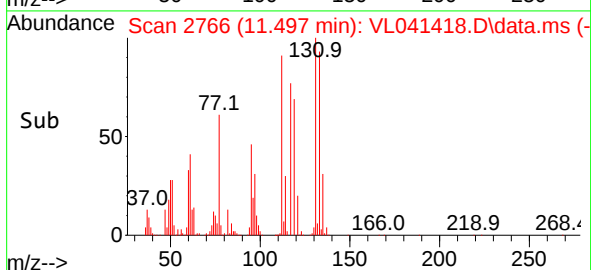
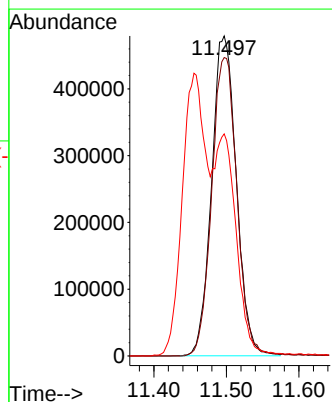
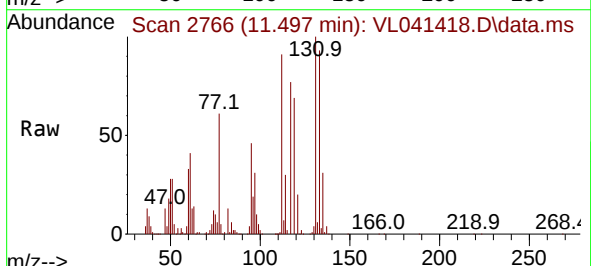
Manual Integrations
APPROVED

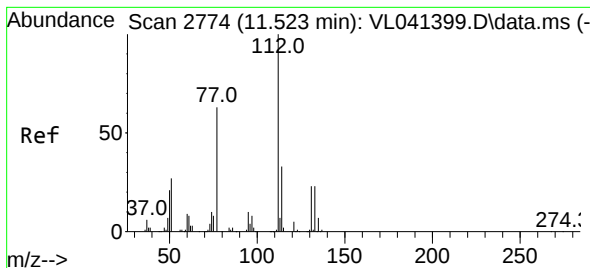
Reviewed By :Semsettin Yesilyurt 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024



#56
1,1,1,2-Tetrachloroethane
Concen: 9.199 ppbv
RT: 11.497 min Scan# 2766
Delta R.T. -0.006 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45

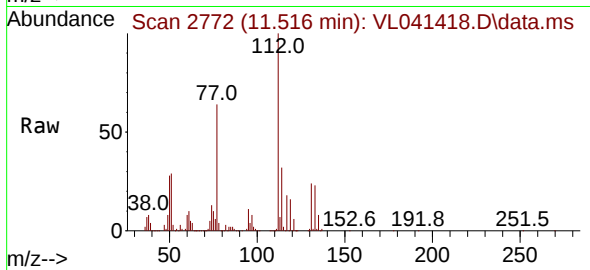
Tgt Ion:131 Resp: 1135334
Ion Ratio Lower Upper
131 100
133 95.5 77.0 115.4
119 62.9 121.5 182.3





#57
Chlorobenzene
Concen: 9.073 ppbv
RT: 11.516 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45

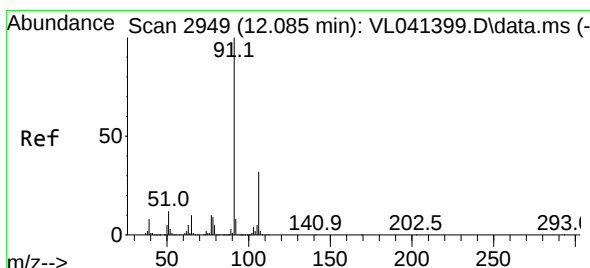
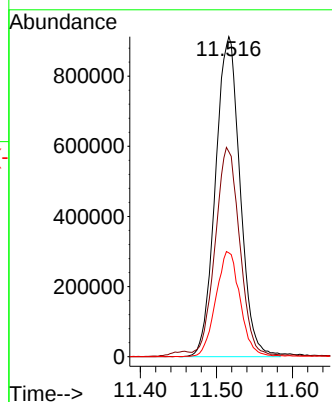
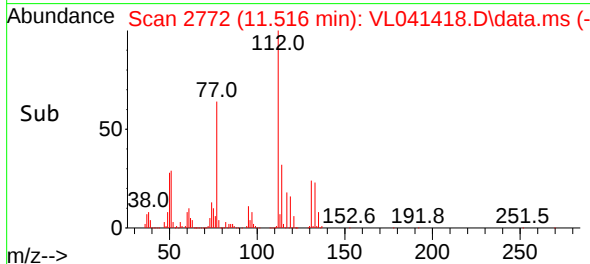
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:112 Resp: 2055790
Ion Ratio Lower Upper
112 100
77 63.4 51.1 76.7
114 32.4 29.5 36.1

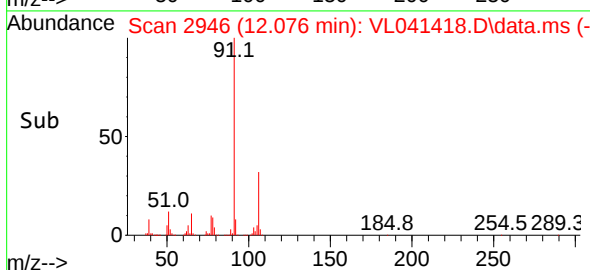
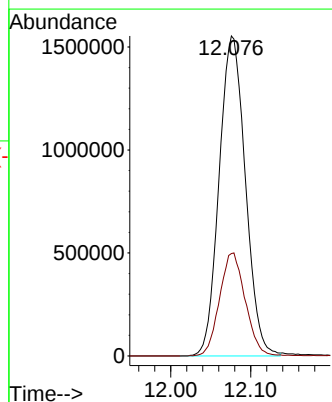
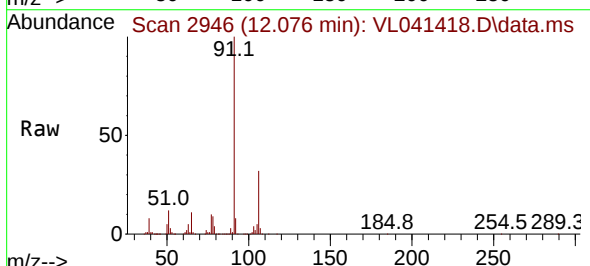
Manual Integrations
APPROVED

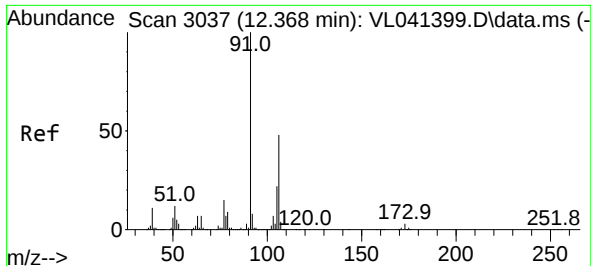
Reviewed By :Semsettin Yesilyurt 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024



#58
Ethyl Benzene
Concen: 9.647 ppbv
RT: 12.076 min Scan# 2946
Delta R.T. -0.010 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45

Tgt Ion: 91 Resp: 3538730
Ion Ratio Lower Upper
91 100
106 32.0 25.8 38.8





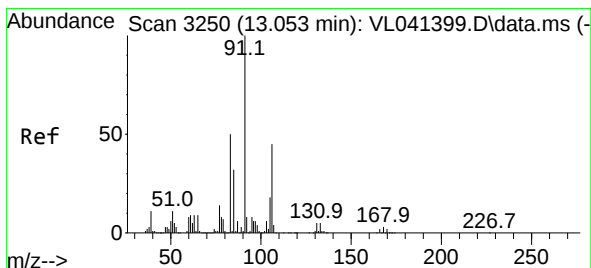
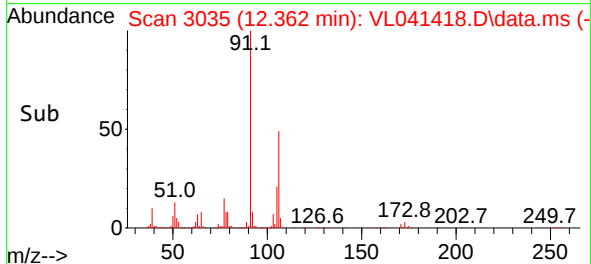
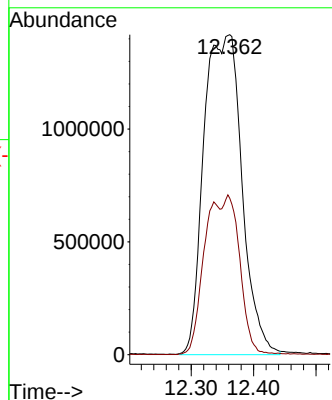
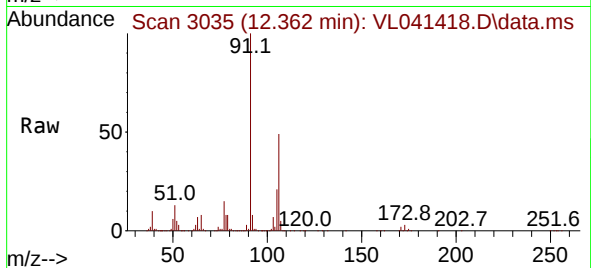
#59
m/p-Xylene
Concen: 18.994 ppbv m
RT: 12.362 min Scan# 3035
Delta R.T. -0.006 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 601432
Ion Ratio Lower Upper
91 100
106 45.8 36.3 54.5

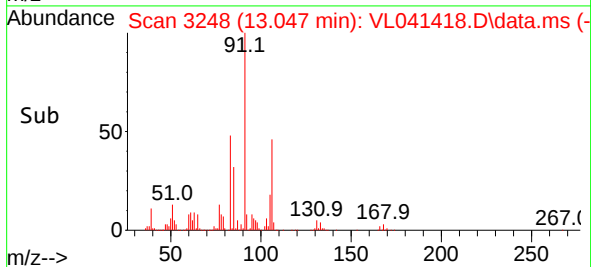
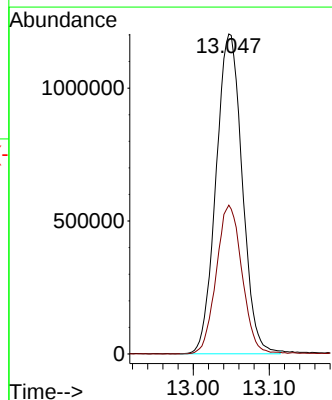
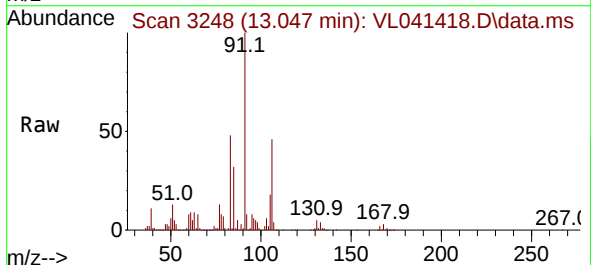
Manual Integrations
APPROVED

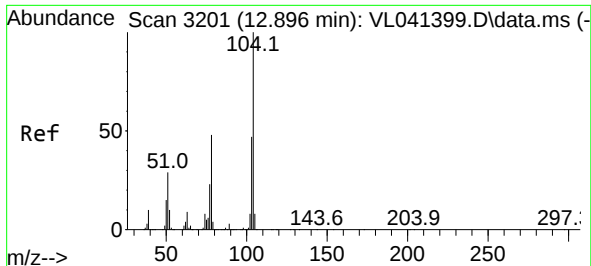
Reviewed By :Semsettin Yesilyurt 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024



#60
o-Xylene
Concen: 9.612 ppbv
RT: 13.047 min Scan# 3248
Delta R.T. -0.006 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45

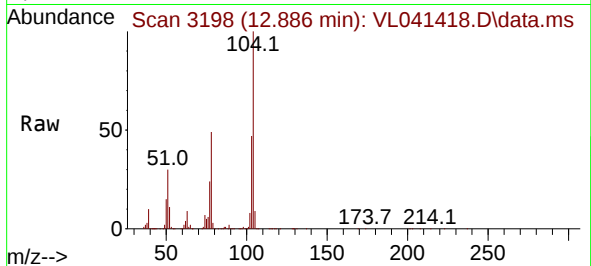
Tgt Ion: 91 Resp: 2879240
Ion Ratio Lower Upper
91 100
106 46.1 23.1 69.3





#61
Styrene
Concen: 10.579 ppbv
RT: 12.886 min Scan# 3198
Delta R.T. -0.010 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45

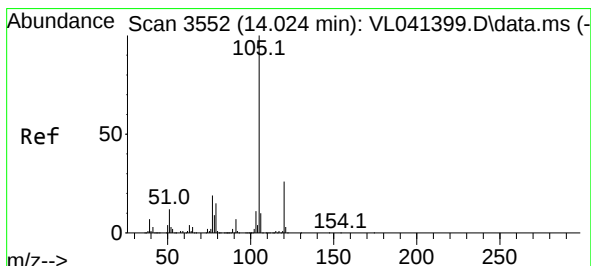
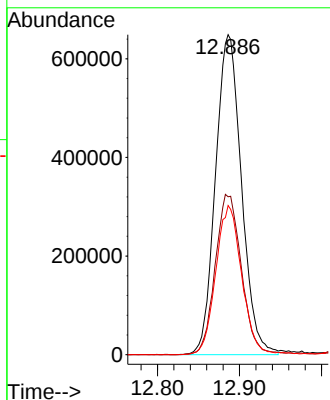
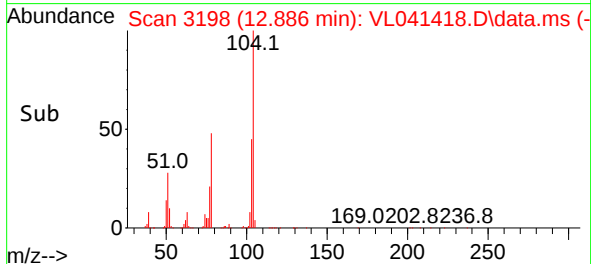
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



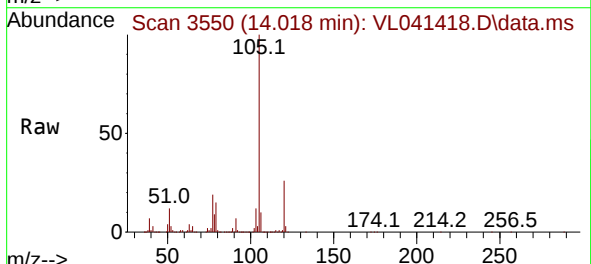
Tgt Ion:104 Resp: 1429609
Ion Ratio Lower Upper
104 100
78 50.8 40.8 61.2
103 46.9 38.2 57.4

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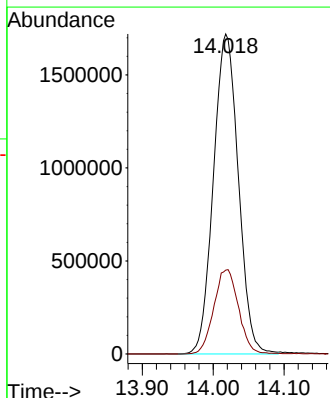
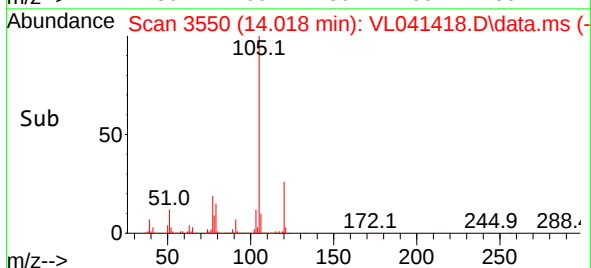
Reviewed By :Semsettin Yesilyurt 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024

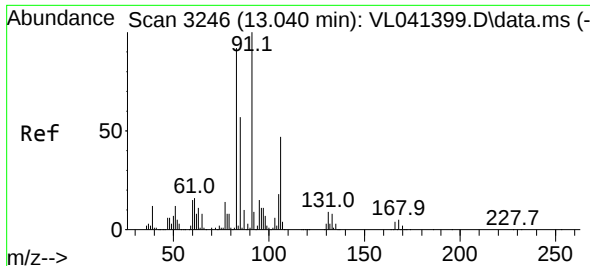


#62
Isopropylbenzene
Concen: 9.215 ppbv
RT: 14.018 min Scan# 3550
Delta R.T. -0.006 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45



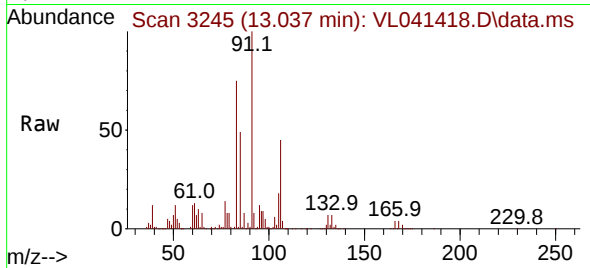
Tgt Ion:105 Resp: 4196324
Ion Ratio Lower Upper
105 100
120 26.3 21.0 31.4





#63
1,1,2,2-Tetrachloroethane
Concen: 9.287 ppbv
RT: 13.037 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45

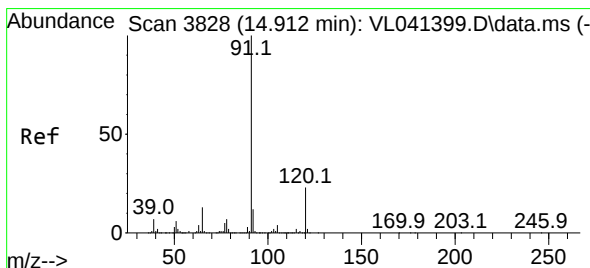
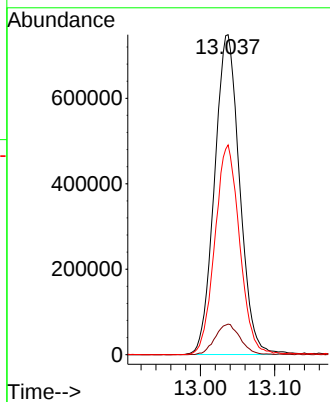
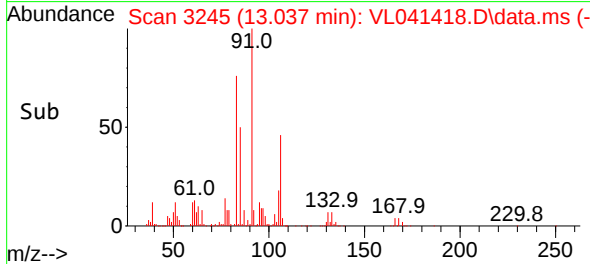
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 83 Resp: 1756658
Ion Ratio Lower Upper
83 100
131 9.6 4.8 14.4
85 65.5 32.6 98.0

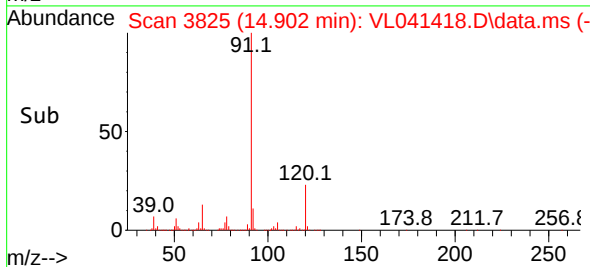
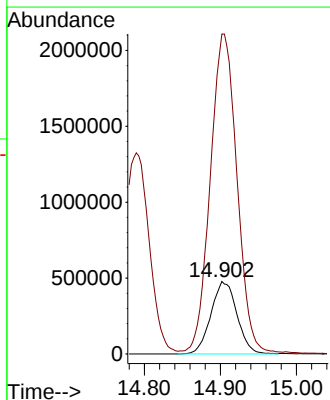
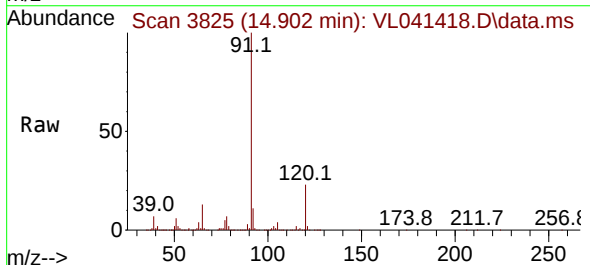
Manual Integrations
APPROVED

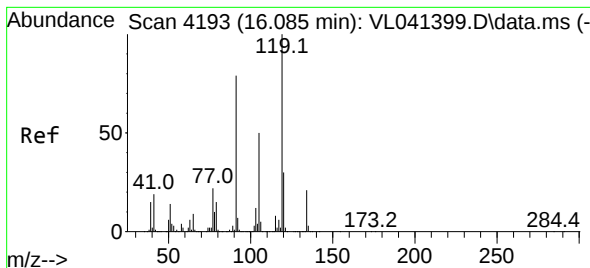
Reviewed By :Semsettin Yesilyurt 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024



#64
n-propylbenzene
Concen: 9.520 ppbv
RT: 14.902 min Scan# 3825
Delta R.T. -0.010 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45

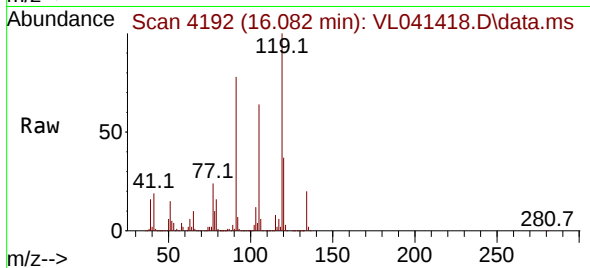
Tgt Ion:120 Resp: 1133314
Ion Ratio Lower Upper
120 100
91 456.9 361.4 542.0





#65
tert-Butylbenzene
Concen: 9.193 ppbv
RT: 16.082 min Scan# 4193
Delta R.T. -0.003 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45

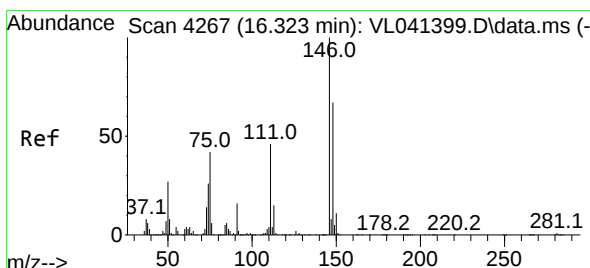
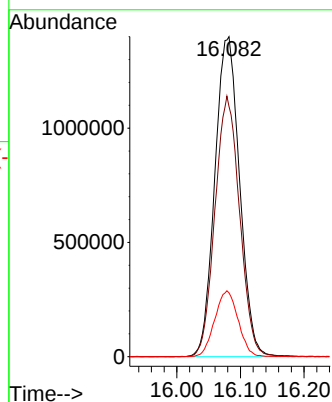
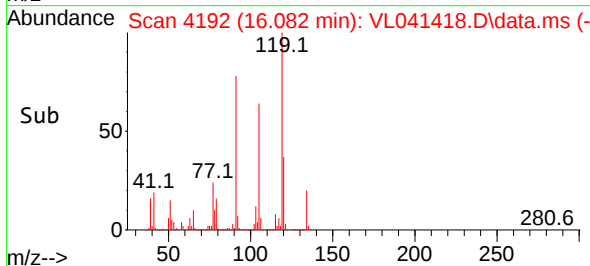
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 119 Resp: 378117
Ion Ratio Lower Upper
119 100
91 81.0 64.2 96.2
134 19.5 15.7 23.5

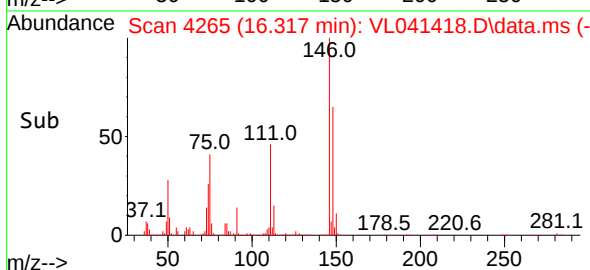
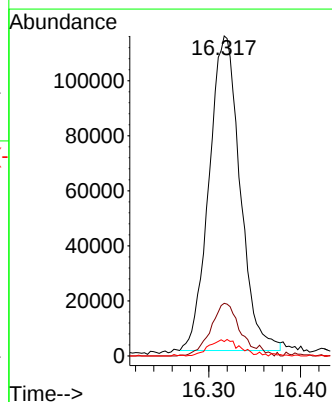
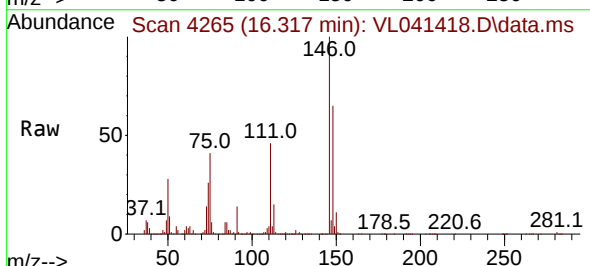
Manual Integrations
APPROVED

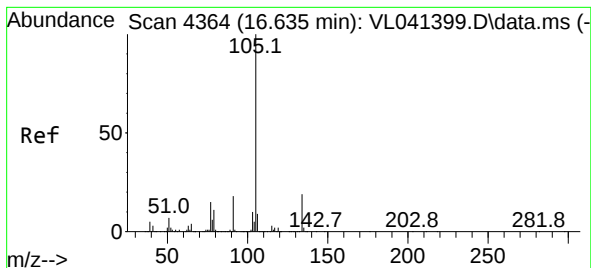
Reviewed By :Semsettin Yesilyurt 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024



#66
Benzyl Chloride
Concen: 10.194 ppbv
RT: 16.317 min Scan# 4265
Delta R.T. -0.006 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45

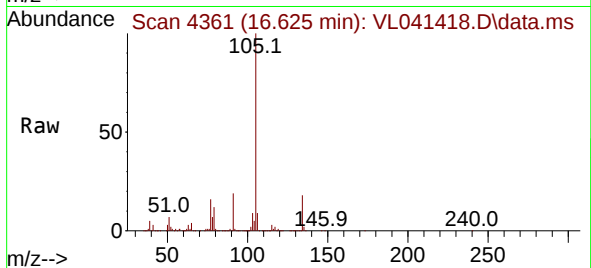
Tgt Ion: 91 Resp: 268918
Ion Ratio Lower Upper
91 100
126 16.3 13.8 20.8
128 5.3 4.4 6.6





#67
 sec-Butylbenzene
 Concen: 9.322 ppbv
 RT: 16.625 min Scan# 41
 Delta R.T. -0.010 min
 Lab File: VL041418.D
 Acq: 26 Jul 2024 12:45

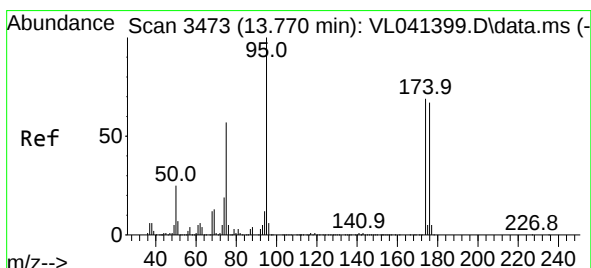
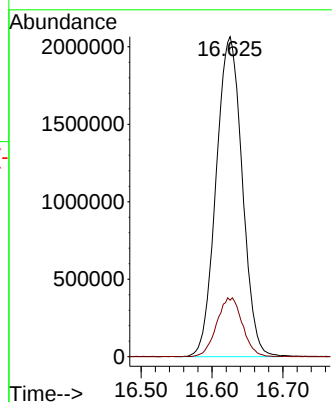
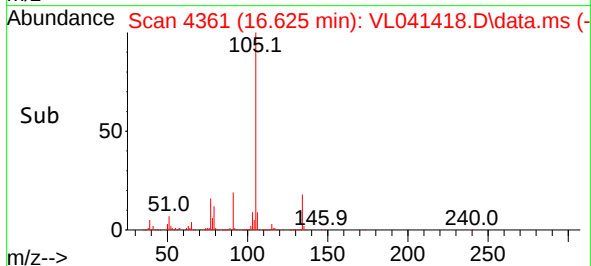
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDC0010EC



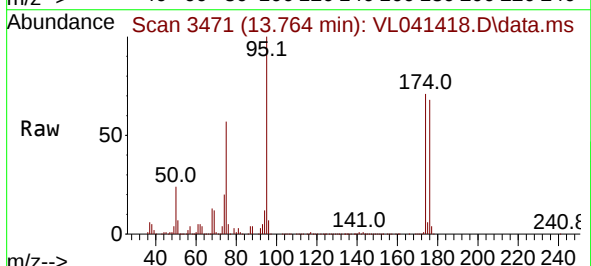
Tgt Ion:105 Resp: 5282274
 Ion Ratio Lower Upper
 105 100
 134 18.2 14.5 21.7

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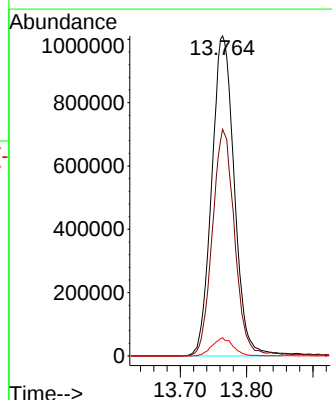
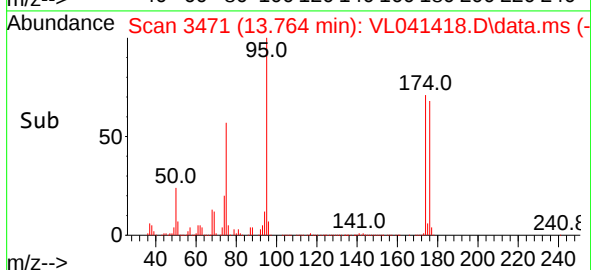
Reviewed By :Semsettin Yesilyurt 07/29/2024
 Supervised By :Mahesh Dadoda 07/29/2024

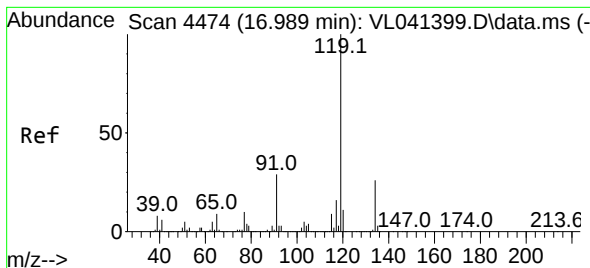


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.753 ppbv
 RT: 13.764 min Scan# 3471
 Delta R.T. -0.006 min
 Lab File: VL041418.D
 Acq: 26 Jul 2024 12:45



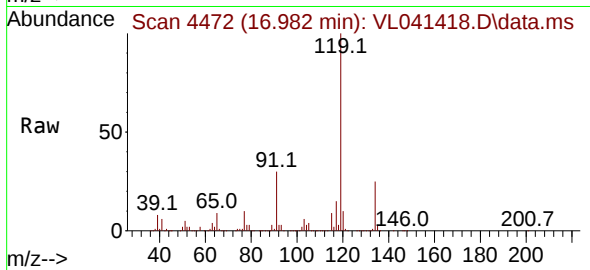
Tgt Ion: 95 Resp: 2388595
 Ion Ratio Lower Upper
 95 100
 174 70.5 56.3 84.5
 175 5.3 4.0 6.0





#69
p-Isopropyltoluene
Concen: 9.453 ppbv
RT: 16.982 min Scan# 4474
Delta R.T. -0.006 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45

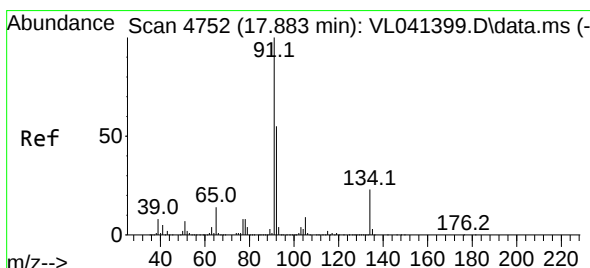
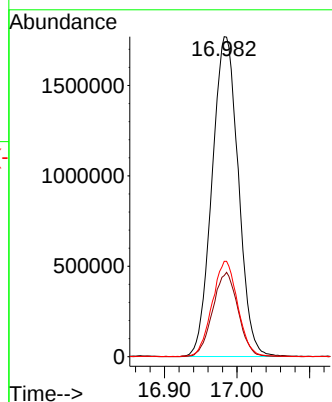
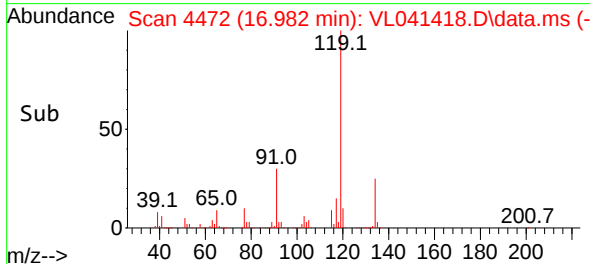
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 119 Resp: 4444978
Ion Ratio Lower Upper
119 100
134 25.5 20.5 30.7
91 29.1 23.2 34.8

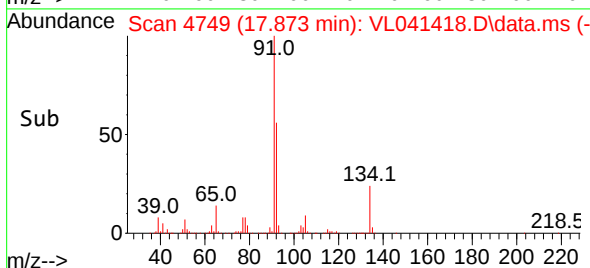
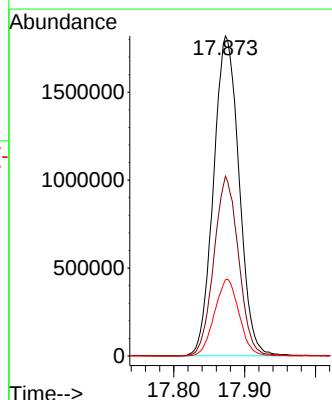
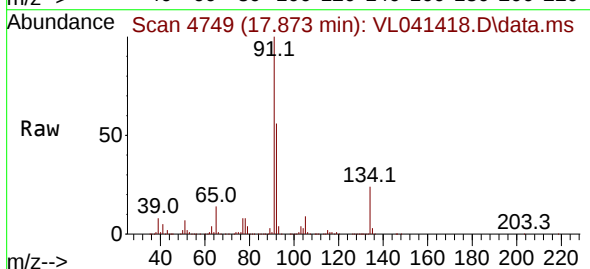
Manual Integrations
APPROVED

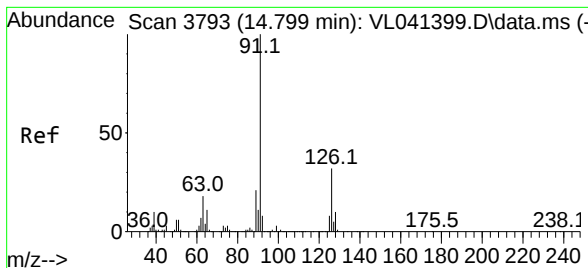
Reviewed By :Semsettin Yesilyurt 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024



#70
n-Butylbenzene
Concen: 9.440 ppbv
RT: 17.873 min Scan# 4749
Delta R.T. -0.010 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45

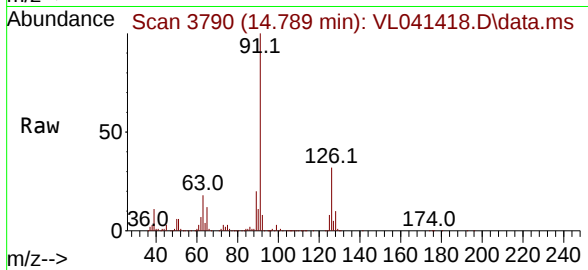
Tgt Ion: 91 Resp: 4550755
Ion Ratio Lower Upper
91 100
92 54.4 43.2 64.8
134 23.2 18.5 27.7





#71
2-Chlorotoluene
Concen: 9.420 ppbv
RT: 14.789 min Scan# 31
Delta R.T. -0.010 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45

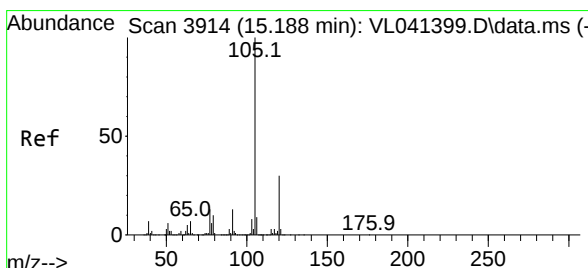
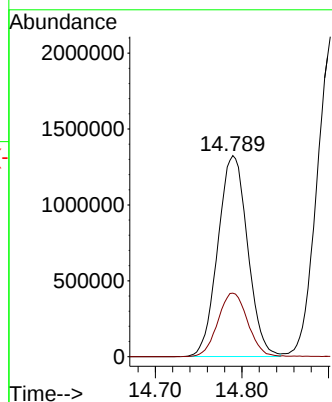
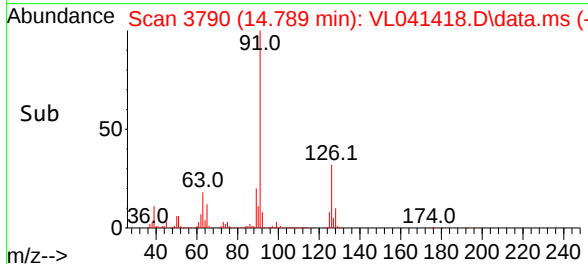
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



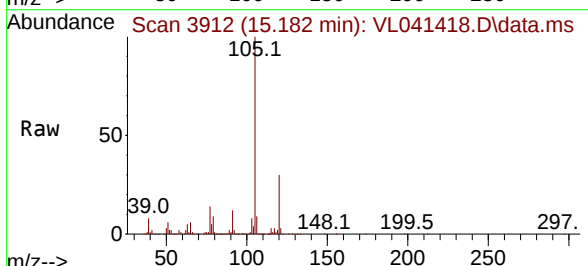
Tgt Ion: 91 Resp: 316317
Ion Ratio Lower Upper
91 100
126 32.1 12.7 50.9

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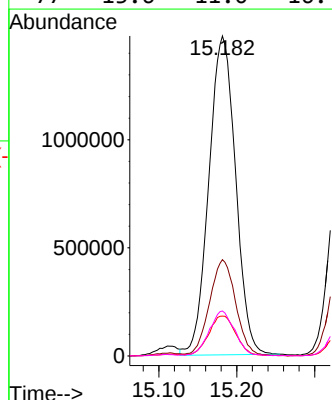
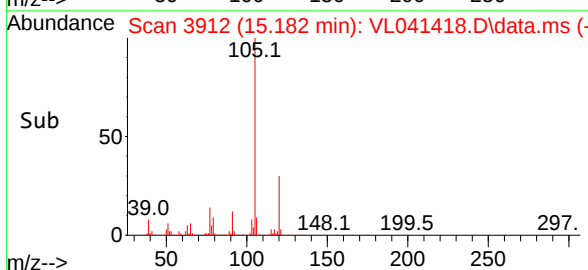
Reviewed By :Semsettin Yesilyurt 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024

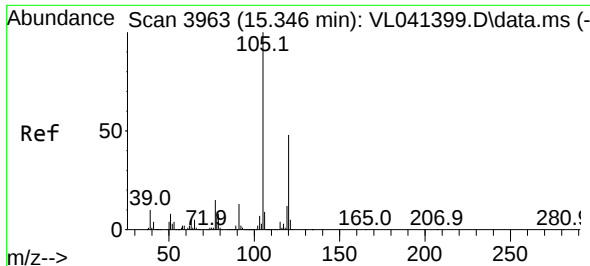


#72
4-Ethyltoluene
Concen: 9.967 ppbv
RT: 15.182 min Scan# 3912
Delta R.T. -0.006 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45



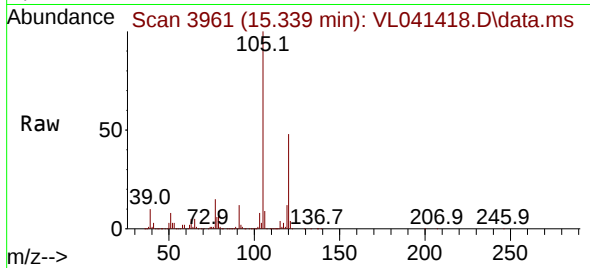
Tgt Ion:105 Resp: 3514717
Ion Ratio Lower Upper
105 100
120 29.9 24.2 36.2
91 13.4 10.4 15.6
77 13.6 11.0 16.4





#73
1,3,5-Trimethylbenzene
Concen: 9.805 ppbv
RT: 15.339 min Scan# 3961
Delta R.T. -0.006 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45

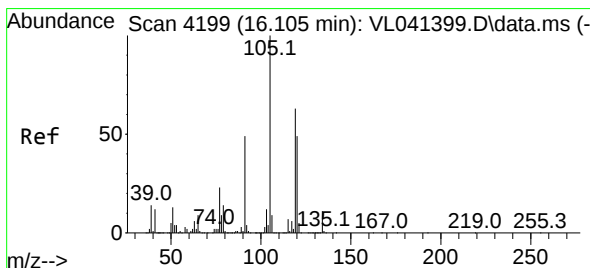
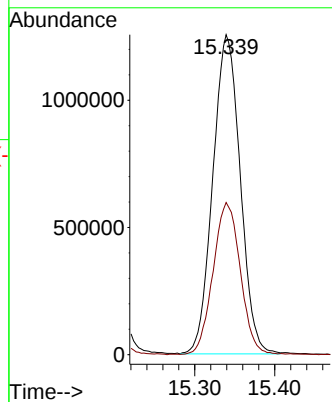
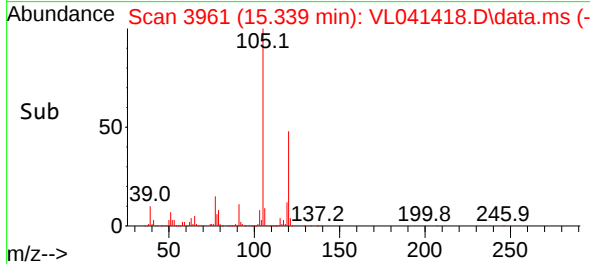
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:105 Resp: 2978924
Ion Ratio Lower Upper
105 100
120 47.5 38.6 57.8

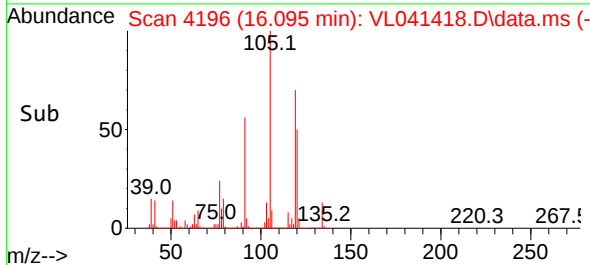
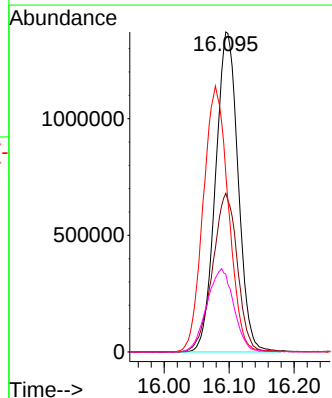
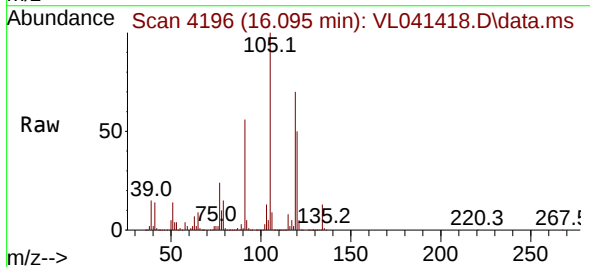
Manual Integrations
APPROVED

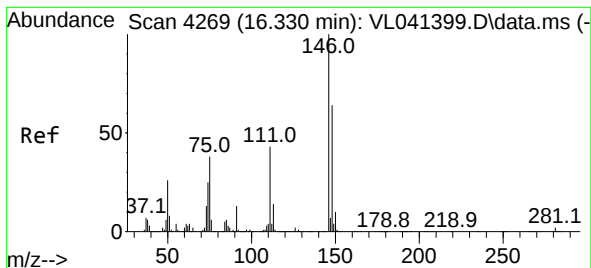
Reviewed By :Semsettin Yesilyurt 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024



#74
1,2,4-Trimethylbenzene
Concen: 9.372 ppbv
RT: 16.095 min Scan# 4196
Delta R.T. -0.010 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45

Tgt Ion:105 Resp: 3310269
Ion Ratio Lower Upper
105 100
120 49.5 39.5 59.3
91 55.6 39.8 59.8
77 24.3 18.2 27.4





#75

1,3-Dichlorobenzene

Concen: 9.265 ppbv

RT: 16.320 min Scan# 41

Delta R.T. -0.010 min

Lab File: VL041418.D

Acq: 26 Jul 2024 12:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:146 Resp: 205716

Ion Ratio Lower Upper

146 100

111 45.3 22.6 67.8

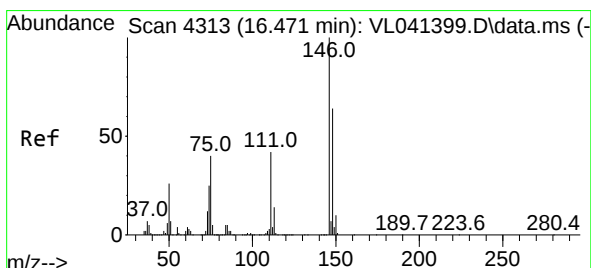
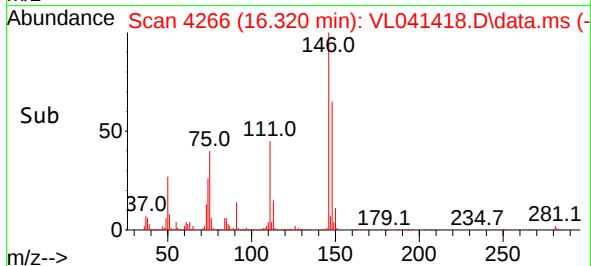
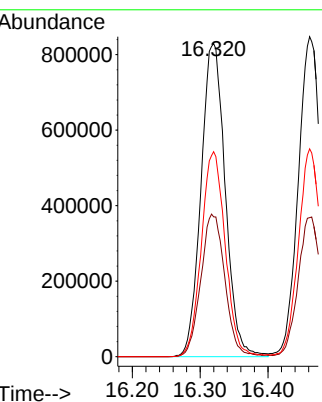
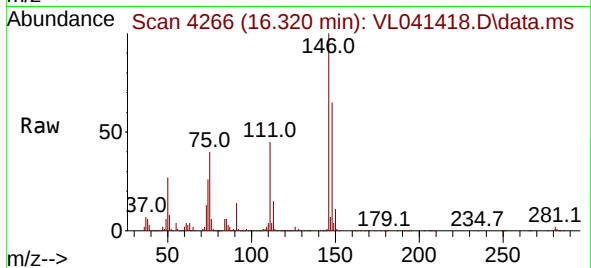
148 64.7 32.3 96.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/29/2024

Supervised By :Mahesh Dadoda 07/29/2024



#76

1,4-Dichlorobenzene

Concen: 9.238 ppbv

RT: 16.461 min Scan# 4310

Delta R.T. -0.010 min

Lab File: VL041418.D

Acq: 26 Jul 2024 12:45

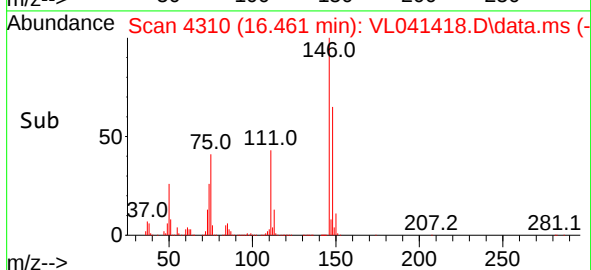
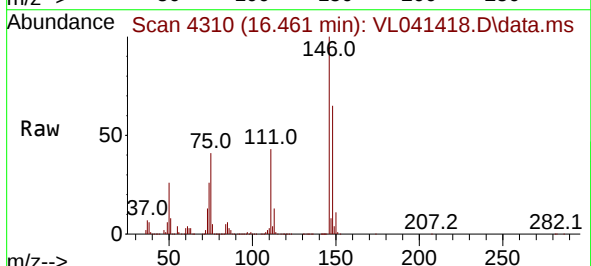
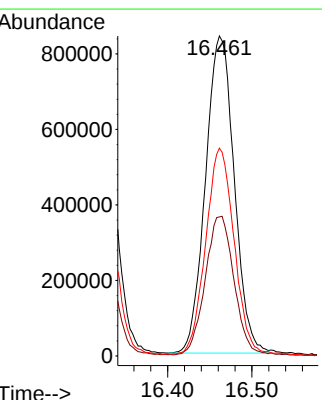
Tgt Ion:146 Resp: 1986009

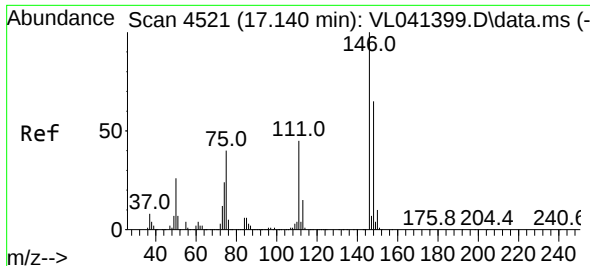
Ion Ratio Lower Upper

146 100

111 44.9 22.4 67.0

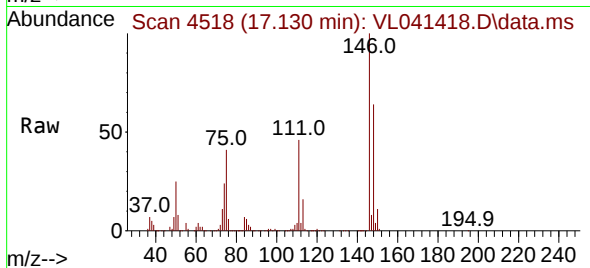
148 66.1 33.1 99.5





#77
1,2-Dichlorobenzene
Concen: 9.021 ppbv
RT: 17.130 min Scan# 4518
Delta R.T. -0.010 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45

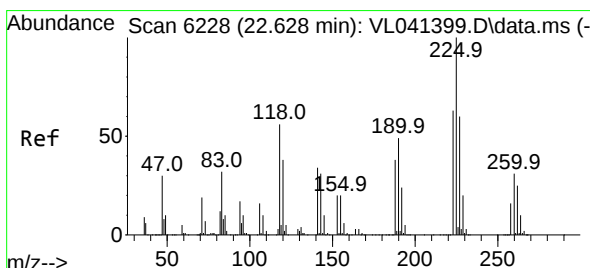
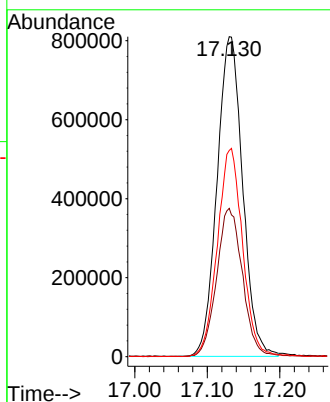
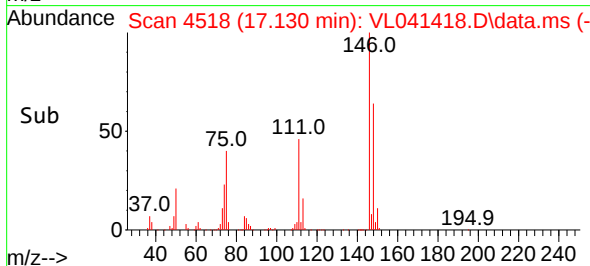
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



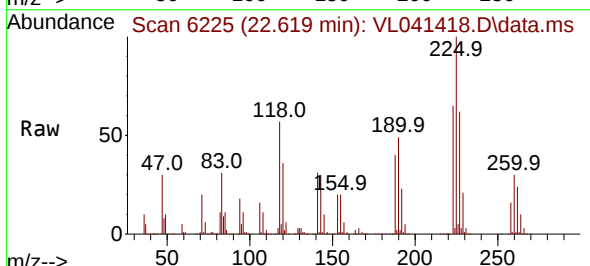
Tgt Ion:146 Resp: 1985499
Ion Ratio Lower Upper
146 100
111 46.9 23.4 70.0
148 64.3 32.2 96.6

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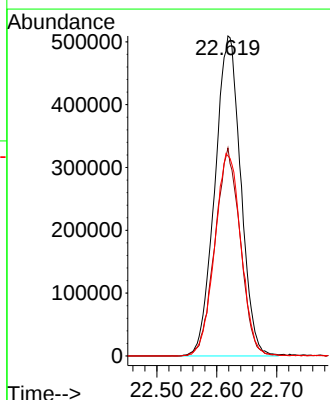
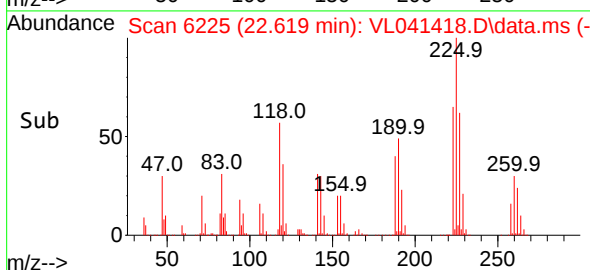
Reviewed By :Semsettin Yesilyurt 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024

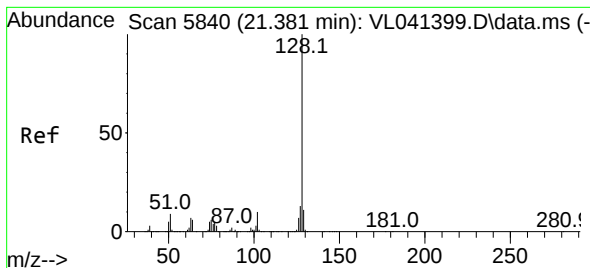


#78
Hexachloro-1,3-Butadiene
Concen: 8.113 ppbv
RT: 22.619 min Scan# 6225
Delta R.T. -0.010 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45



Tgt Ion:225 Resp: 1522850
Ion Ratio Lower Upper
225 100
223 63.8 50.6 76.0
227 64.4 50.8 76.2





#79

Naphthalene

Concen: 10.823 ppbv

RT: 21.368 min Scan# 5836

Delta R.T. -0.013 min

Lab File: VL041418.D

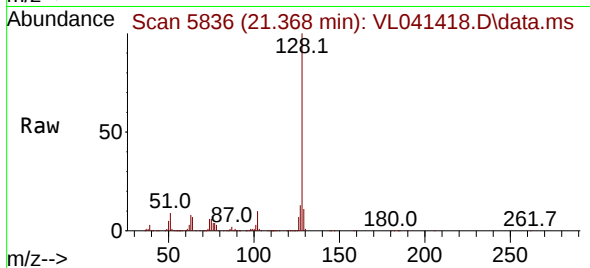
Acq: 26 Jul 2024 12:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion:128 Resp: 3374074

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

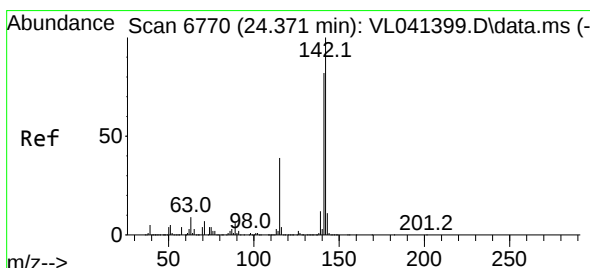
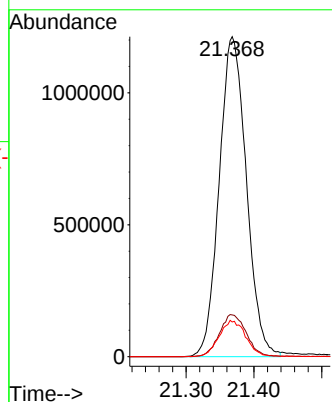
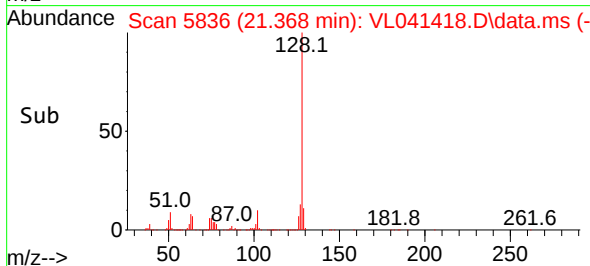
129 10.9 9.0 13.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/29/2024

Supervised By :Mahesh Dadoda 07/29/2024



#80

Naphthalene,2-methyl-

Concen: 10.081 ppbv

RT: 24.358 min Scan# 6766

Delta R.T. -0.013 min

Lab File: VL041418.D

Acq: 26 Jul 2024 12:45

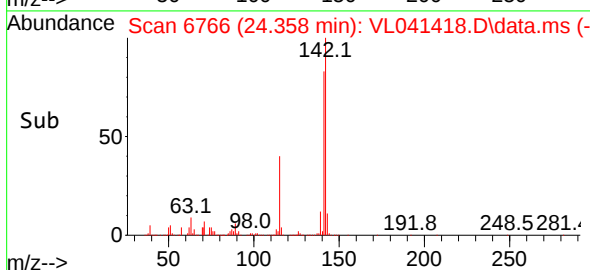
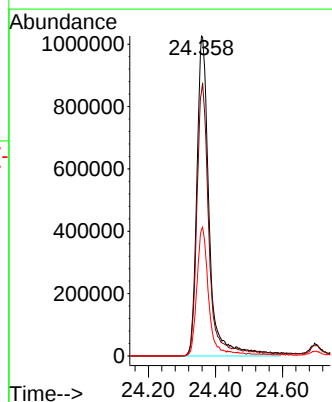
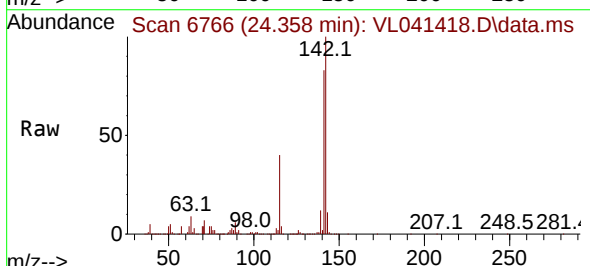
Tgt Ion:142 Resp: 2634418

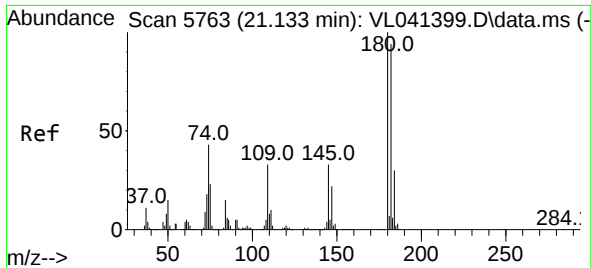
Ion Ratio Lower Upper

142 100

141 85.6 67.0 100.4

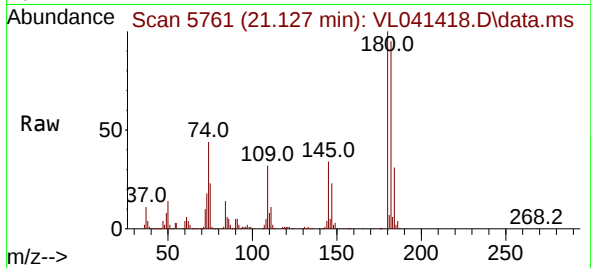
115 39.6 32.2 48.2





#81
1,2,4-Trichlorobenzene
Concen: 9.522 ppbv
RT: 21.127 min Scan# 51
Delta R.T. -0.006 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:180 Resp: 1766558
Ion Ratio Lower Upper
180 100
182 96.7 76.7 115.1
184 31.1 24.5 36.7

Manual Integrations
APPROVED

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

