

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080824\
 Data File : VL041525.D
 Acq On : 8 Aug 2024 23:23
 Operator : SY/MD
 Sample : VSTDC0010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDC0010EC

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/09/2024
 Supervised By :Mahesh Dadoda 08/09/2024

Quant Time: Aug 09 06:01:19 2024

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 9 2024

QLast Update : Tue Aug 06 01:32:58 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.189	49	1044025	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	2810934	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	2712733m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.770 95 2090482 10.014 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 100.100%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.732	85	1445611	8.049	ppbv	99
3) Chlorodifluoromethane	2.677	51	1142655	9.194	ppbv	99
4) Chloromethane	2.816	50	603671	9.132	ppbv	100
5) Vinyl Chloride	2.922	62	607658	9.326	ppbv	96
6) Bromomethane	3.121	94	312636	9.336	ppbv	99
7) Chloroethane	3.198	64	216293	9.619	ppbv	99
8) Dichlorotetrafluoroethane	2.857	85	1438190	9.037	ppbv	100
9) Propene	2.697	41	515070	9.021	ppbv	99
10) Heptane	7.574	43	1281092	9.986	ppbv	100
11) Trichlorofluoromethane	3.562	101	1467280	9.199	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.063	101	1068334	9.301	ppbv	100
13) Ethanol	3.250	45	35743m	7.004	ppbv	
14) Bromoethene	3.365	108	431159	9.629	ppbv	99
15) Acetone	3.468	43	1119038	9.434	ppbv	99
16) 1,3-Butadiene	2.986	39	606913	9.576	ppbv	99
17) tert-Butyl alcohol	3.873	59	1177194	10.881	ppbv	99
18) 1,1-Dichloroethene	3.880	96	477099	9.710	ppbv	99
19) Isopropyl Alcohol	3.574	45	611116	8.812	ppbv	99
20) Methylene Chloride	3.931	84	395949	8.951	ppbv	99
21) Allyl Chloride	3.996	41	791773	10.178	ppbv	97
22) trans-1,2-Dichloroethene	4.443	96	485777	9.888	ppbv	98
23) Vinyl Acetate	4.626	43	984033	10.862	ppbv	99
24) 1,1-Dichloroethane	4.562	63	1021039	9.572	ppbv	100
25) Ethyl Acetate	5.201	43	2312537	9.813	ppbv	100
26) Hexane	5.211	57	944715	9.664	ppbv	98
27) Carbon Disulfide	4.121	76	1104203	9.655	ppbv	99
28) Methyl tert-Butyl Ether	4.584	73	617894	10.022	ppbv	99
29) Chloroform	5.269	83	1499493	9.404	ppbv	96
30) Cyclohexane	6.600	84	811078	10.188	ppbv	100
31) cis-1,2-Dichloroethene	5.076	61	955677	9.896	ppbv	99
32) 1,1,1-Trichloroethane	5.999	97	1478445	9.525	ppbv	100
34) 2-Butanone	4.783	43	1381840	10.162	ppbv	99
35) Carbon Tetrachloride	6.491	117	1538654	9.924	ppbv	99
36) Benzene	6.369	78	2051357	9.987	ppbv	100
37) 1,2-Dichloroethane	5.803	62	1144849	9.959	ppbv	100
38) Trichloroethene	7.288	130	928679	9.869	ppbv	100
39) 1,2-Dichloropropane	7.069	63	789968	10.046	ppbv	98
40) 1,4-Dioxane	7.285	88	216526	6.855	ppbv #	1
41) Tetrahydrofuran	5.552	42	833285	10.715	ppbv	98
42) Bromodichloromethane	7.246	83	1635634	9.853	ppbv	100
43) Methyl Methacrylate	7.471	69	798062	10.835	ppbv	96
44) 2,2,4-Trimethylpentane	7.323	57	3398347	9.906	ppbv	100
45) t-1,3-Dichloropropene	8.706	75	810708	11.959	ppbv	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080824\
 Data File : VL041525.D
 Acq On : 8 Aug 2024 23:23
 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 08/09/2024
 Supervised By :Mahesh Dadoda 08/09/2024

Quant Time: Aug 09 06:01:19 2024

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

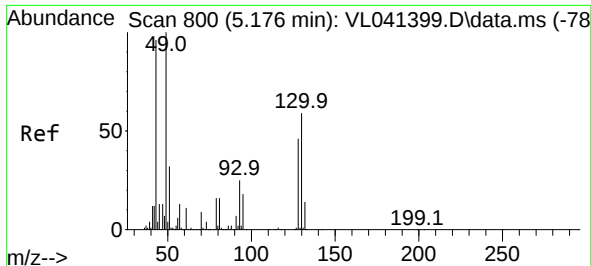
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 9 2024

QLast Update : Tue Aug 06 01:32:58 2024

Response via : Initial Calibration

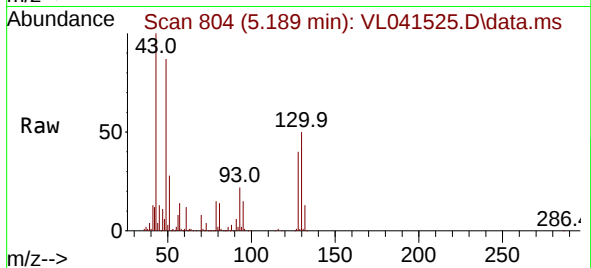
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.140	75	1078512	11.017	ppbv	98
47) 1,1,2-Trichloroethane	8.896	97	839814	9.689	ppbv	97
48) Dibromochloromethane	9.706	129	1398031	10.012	ppbv	100
49) Bromoform	12.404	173	1214092	10.293	ppbv	99
50) 4-Methyl-2-Pentanone	8.176	43	2258676	10.528	ppbv	100
51) 2-Hexanone	9.542	43	1837837	11.330	ppbv #	100
52) Tetrachloroethene	10.613	164	768071	9.678	ppbv	98
53) Toluene	9.217	91	2380296	10.404	ppbv	100
54) 1,2-Dibromoethane	10.005	107	1216973	10.548	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.503	131	1024758	9.741	ppbv #	55
57) Chlorobenzene	11.523	112	1842374	9.539	ppbv	98
58) Ethyl Benzene	12.082	91	3184233	10.184	ppbv	100
59) m/p-Xylene	12.365	91	5416937m	20.069	ppbv	
60) o-Xylene	13.053	91	2584764	10.123	ppbv	100
61) Styrene	12.892	104	1262975	10.964	ppbv	99
62) Isopropylbenzene	14.024	105	3773757	9.722	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.040	83	1583340	9.820	ppbv	100
64) n-propylbenzene	14.908	120	1006700	9.920	ppbv	96
65) tert-Butylbenzene	16.085	119	3373340	9.622	ppbv	100
66) Benzyl Chloride	16.323	91	265144	11.791	ppbv	100
67) sec-Butylbenzene	16.629	105	4730028	9.792	ppbv	100
69) p-Isopropyltoluene	16.989	119	3981759	9.934	ppbv	100
70) n-Butylbenzene	17.879	91	4122783	10.033	ppbv	100
71) 2-Chlorotoluene	14.796	91	2855879	9.977	ppbv	100
72) 4-Ethyltoluene	15.185	105	3115203	10.363	ppbv	99
73) 1,3,5-Trimethylbenzene	15.342	105	2668747	10.305	ppbv	100
74) 1,2,4-Trimethylbenzene	16.101	105	2961905	9.838	ppbv	99
75) 1,3-Dichlorobenzene	16.323	146	1834331	9.692	ppbv	100
76) 1,4-Dichlorobenzene	16.468	146	1798524	9.814	ppbv	100
77) 1,2-Dichlorobenzene	17.133	146	1787070	9.525	ppbv	100
78) Hexachloro-1,3-Butadiene	22.622	225	1371775	8.574	ppbv	99
79) Naphthalene	21.371	128	3037446	11.430	ppbv	99
80) Naphthalene,2-methyl-	24.365	142	2241512	10.063	ppbv	99
81) 1,2,4-Trichlorobenzene	21.130	180	1613809	10.205	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 80
Delta R.T. -0.000 min
Lab File: VL041525.D
Acq: 8 Aug 2024 23:23

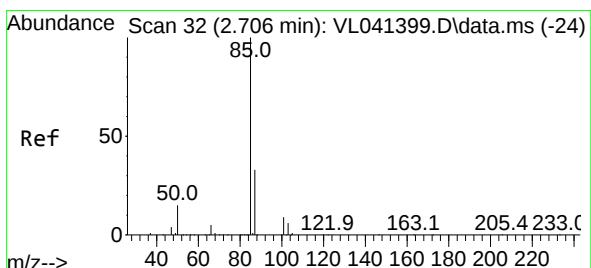
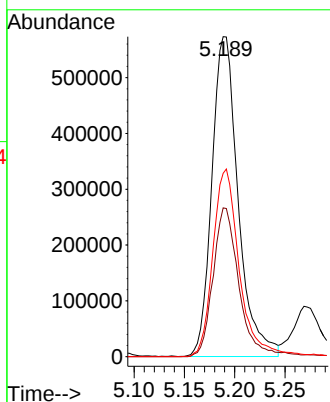
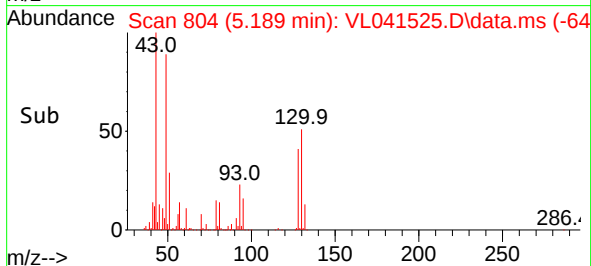
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 49 Resp: 1044025
Ion Ratio Lower Upper
49 100
128 46.6 23.8 71.4
130 59.9 30.8 92.4

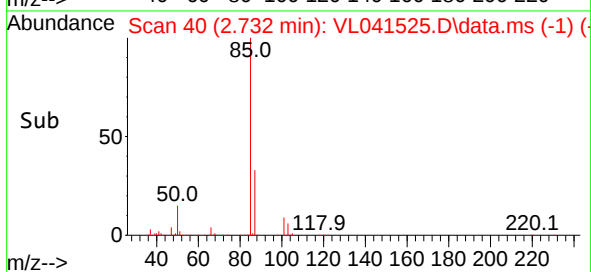
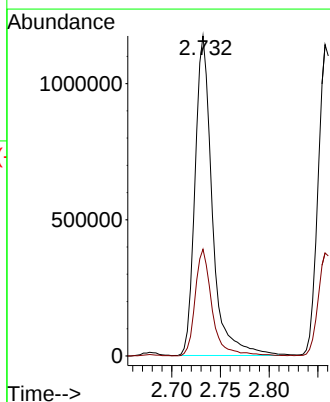
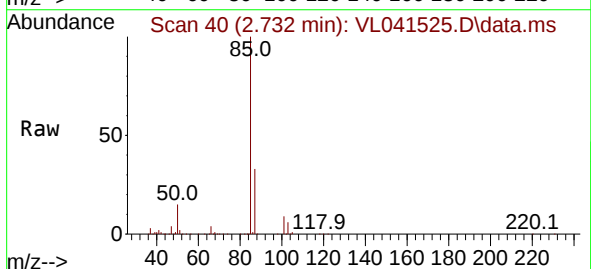
Manual Integrations
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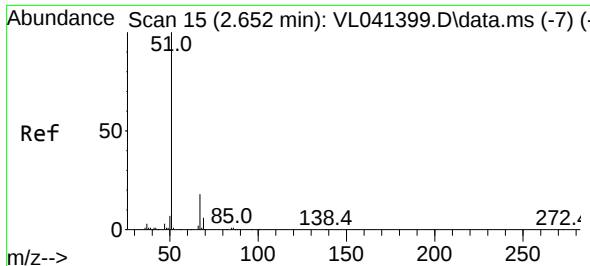
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#2
Dichlorodifluoromethane
Concen: 8.049 ppbv
RT: 2.732 min Scan# 40
Delta R.T. 0.000 min
Lab File: VL041525.D
Acq: 8 Aug 2024 23:23

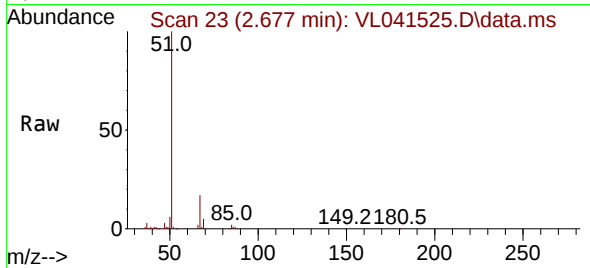
Tgt Ion: 85 Resp: 1445611
Ion Ratio Lower Upper
85 100
87 33.3 26.0 39.0





#3
Chlorodifluoromethane
Concen: 9.194 ppbv
RT: 2.677 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041525.D
Acq: 8 Aug 2024 23:23

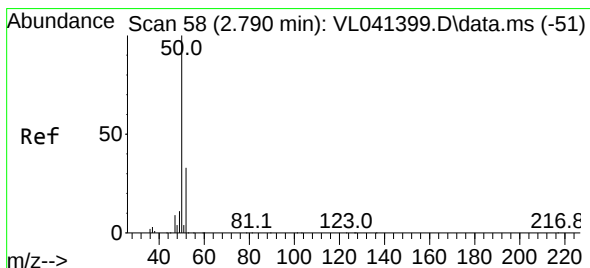
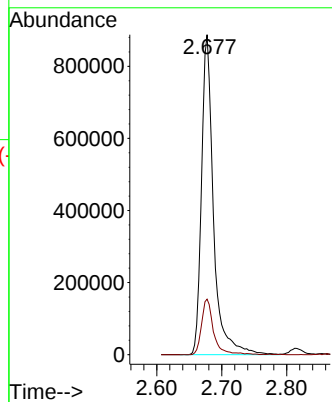
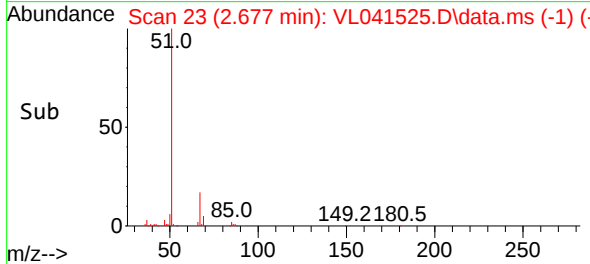
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 51 Resp: 1142658
Ion Ratio Lower Upper
51 100
67 17.6 14.5 21.7

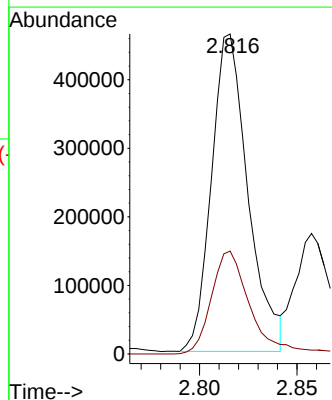
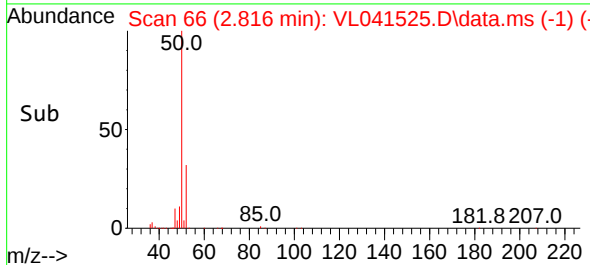
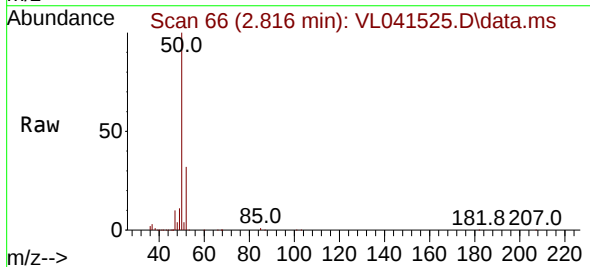
Manual Integrations
APPROVED

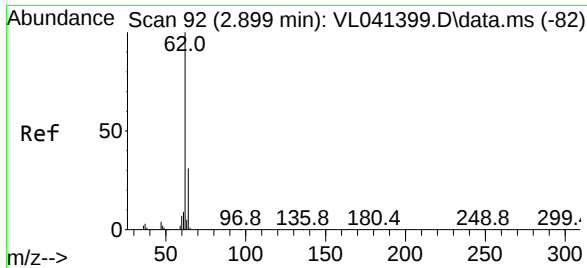
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#4
Chloromethane
Concen: 9.132 ppbv
RT: 2.816 min Scan# 66
Delta R.T. 0.000 min
Lab File: VL041525.D
Acq: 8 Aug 2024 23:23

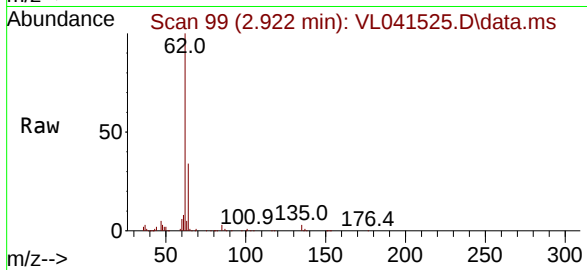
Tgt Ion: 50 Resp: 603671
Ion Ratio Lower Upper
50 100
52 32.3 26.1 39.1





#5
 Vinyl Chloride
 Concen: 9.326 ppbv
 RT: 2.922 min Scan# 94
 Delta R.T. 0.000 min
 Lab File: VL041525.D
 Acq: 8 Aug 2024 23:23

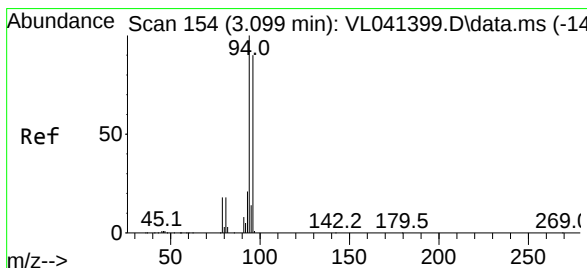
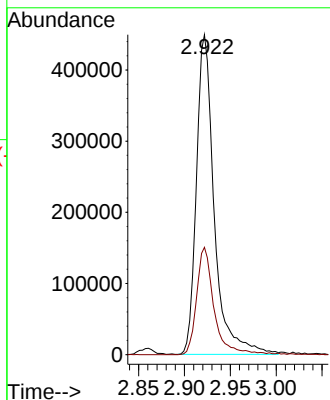
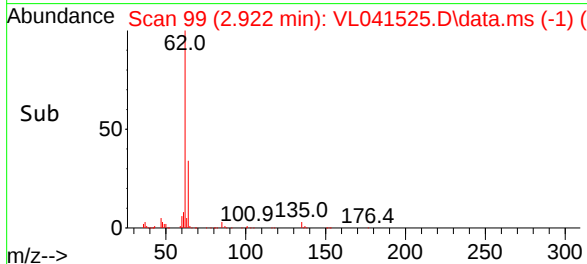
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



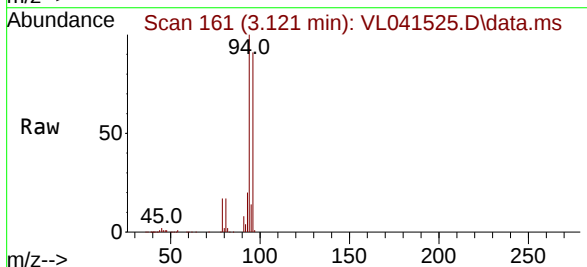
Tgt Ion: 62 Resp: 607658
 Ion Ratio Lower Upper
 62 100
 64 33.6 25.0 37.4

Manual Integrations
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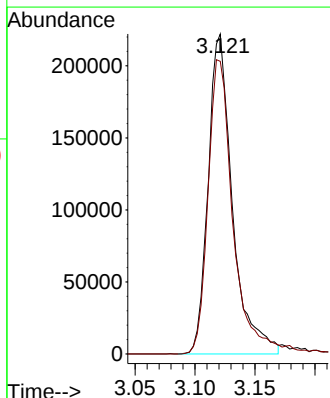
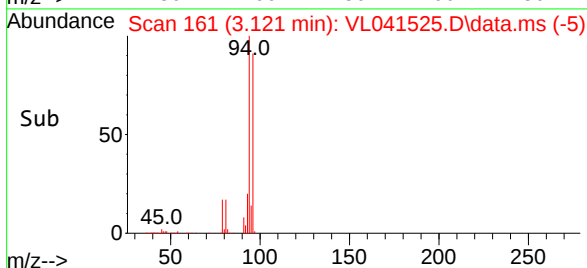
Reviewed By :Semsettin Yesilyurt 08/09/2024
 Supervised By :Mahesh Dadoda 08/09/2024

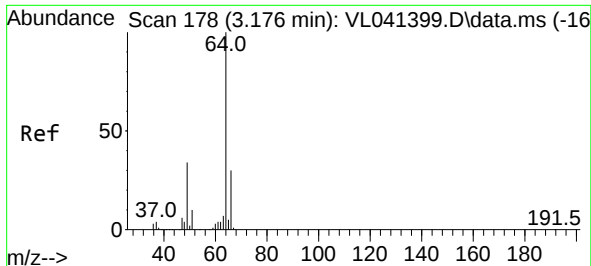


#6
 Bromomethane
 Concen: 9.336 ppbv
 RT: 3.121 min Scan# 161
 Delta R.T. 0.000 min
 Lab File: VL041525.D
 Acq: 8 Aug 2024 23:23



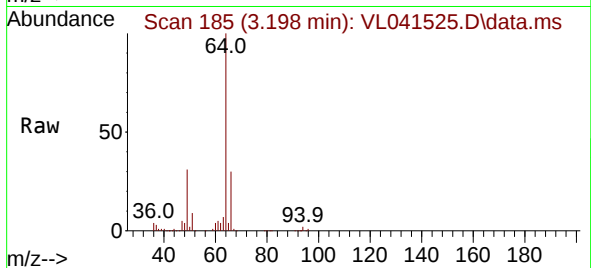
Tgt Ion: 94 Resp: 312636
 Ion Ratio Lower Upper
 94 100
 96 91.4 72.3 108.5





#7
Chloroethane
Concen: 9.619 ppbv
RT: 3.198 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL041525.D
Acq: 8 Aug 2024 23:23

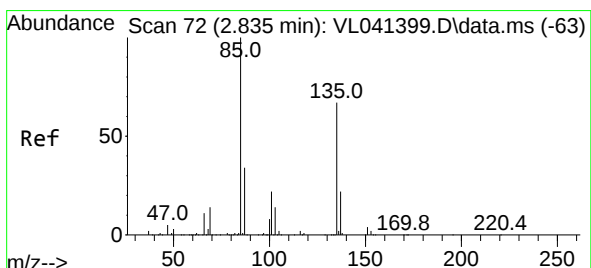
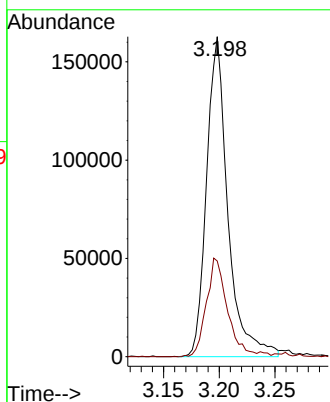
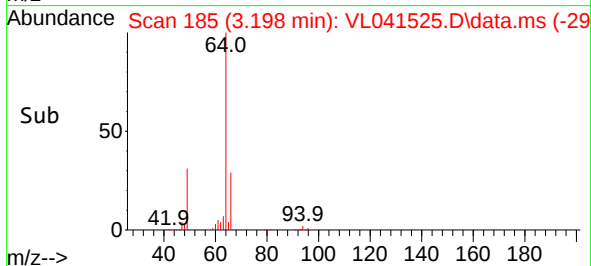
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 64 Resp: 21629
Ion Ratio Lower Upper
64 100
66 29.9 24.2 36.2

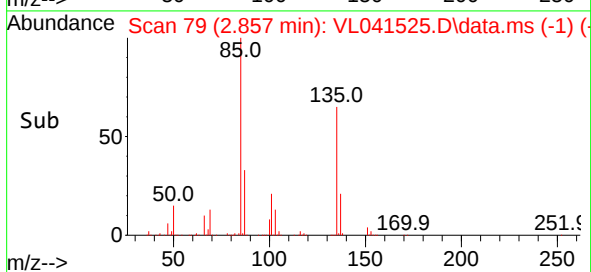
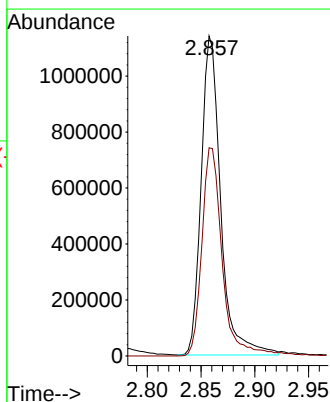
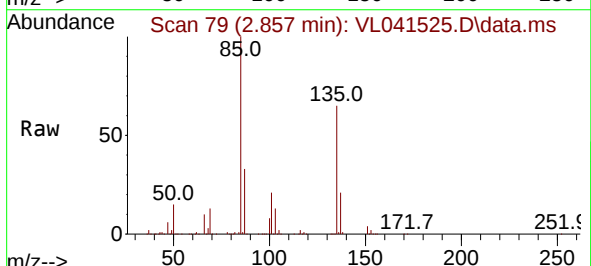
Manual Integrations
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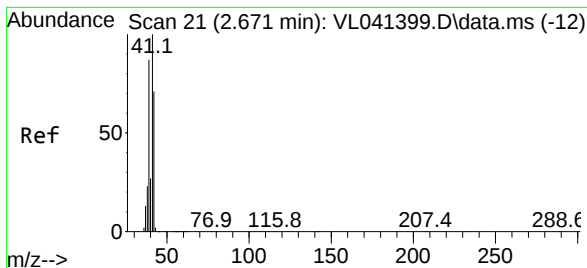
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#8
Dichlorotetrafluoroethane
Concen: 9.037 ppbv
RT: 2.857 min Scan# 79
Delta R.T. -0.003 min
Lab File: VL041525.D
Acq: 8 Aug 2024 23:23

Tgt Ion: 85 Resp: 1438190
Ion Ratio Lower Upper
85 100
135 68.8 55.4 83.0





#9

Propene

Concen: 9.021 ppbv

RT: 2.697 min Scan# 21

Delta R.T. 0.000 min

Lab File: VL041525.D

Acq: 8 Aug 2024 23:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 41 Resp: 515070

Ion Ratio Lower Upper

41 100

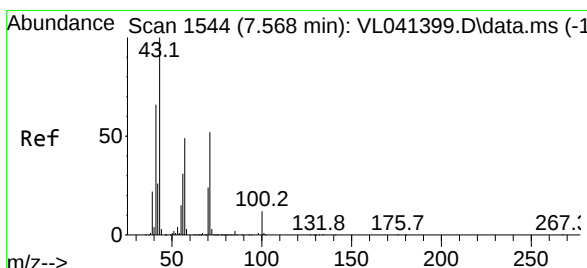
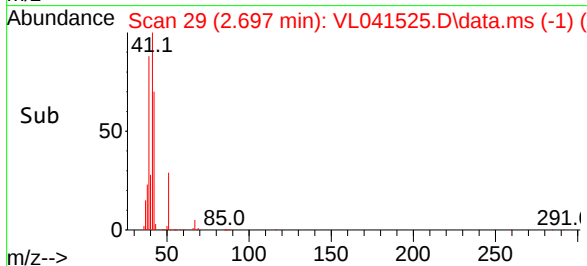
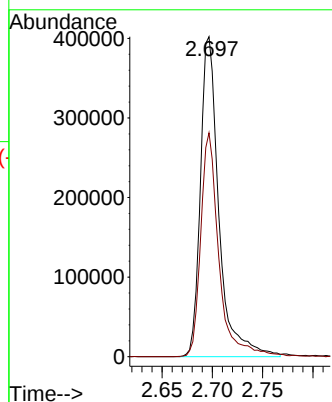
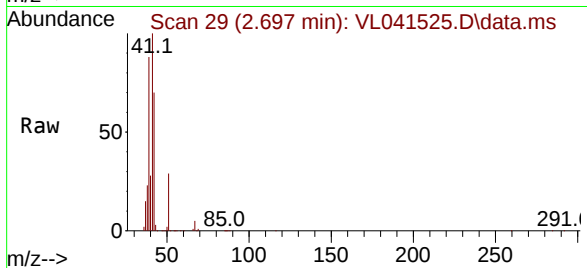
42 69.3 55.9 83.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/09/2024

Supervised By :Mahesh Dadoda 08/09/2024



#10

Heptane

Concen: 9.986 ppbv

RT: 7.574 min Scan# 1546

Delta R.T. 0.000 min

Lab File: VL041525.D

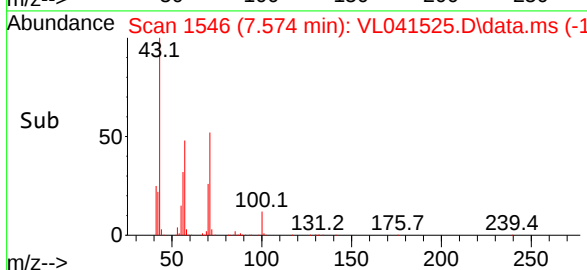
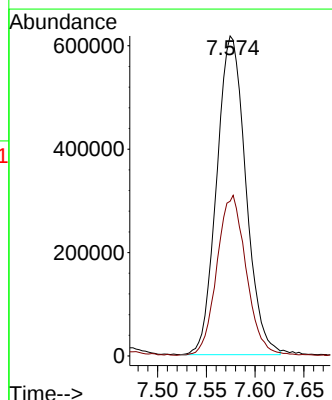
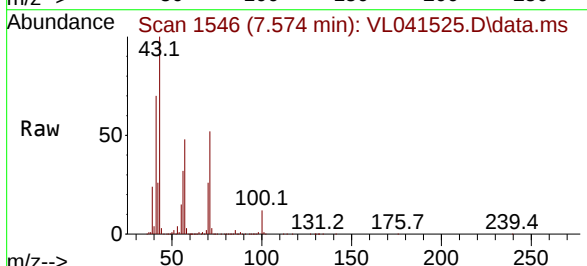
Acq: 8 Aug 2024 23:23

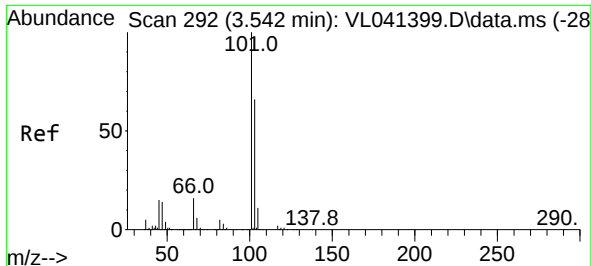
Tgt Ion: 43 Resp: 1281092

Ion Ratio Lower Upper

43 100

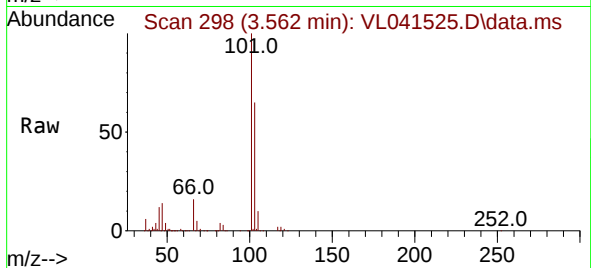
57 50.9 40.5 60.7





#11
Trichlorofluoromethane
Concen: 9.199 ppbv
RT: 3.562 min Scan# 292
Delta R.T. 0.000 min
Lab File: VL041525.D
Acq: 8 Aug 2024 23:23

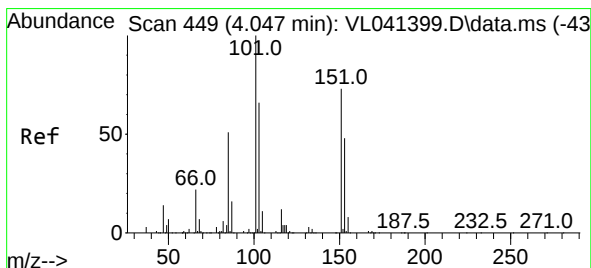
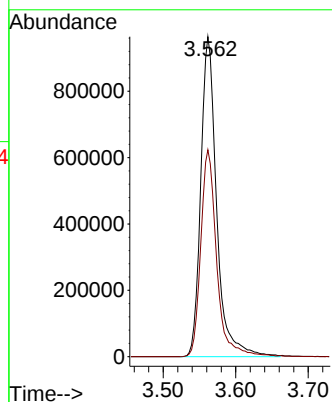
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:101 Resp: 1467280
Ion Ratio Lower Upper
101 100
103 64.7 52.6 79.0

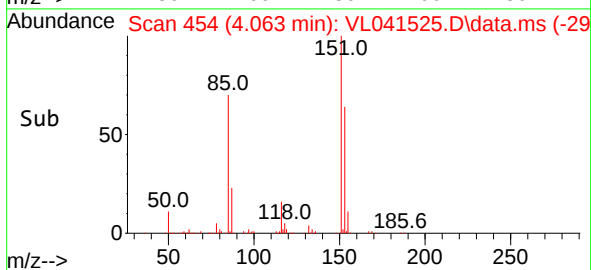
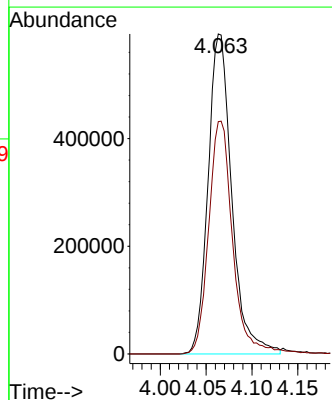
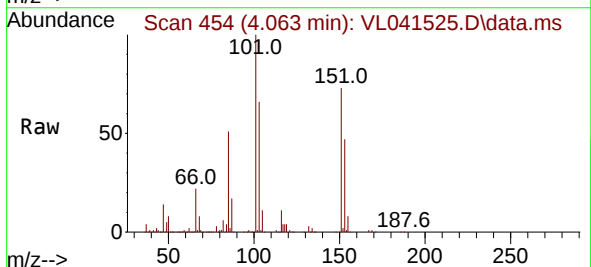
Manual Integrations
APPROVED

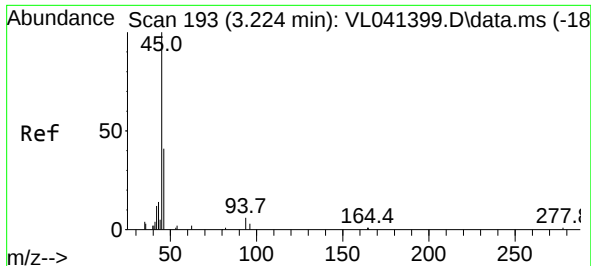
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.301 ppbv
RT: 4.063 min Scan# 454
Delta R.T. 0.000 min
Lab File: VL041525.D
Acq: 8 Aug 2024 23:23

Tgt Ion:101 Resp: 1068334
Ion Ratio Lower Upper
101 100
151 73.9 59.4 89.2





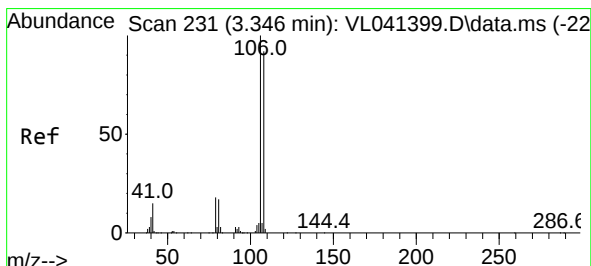
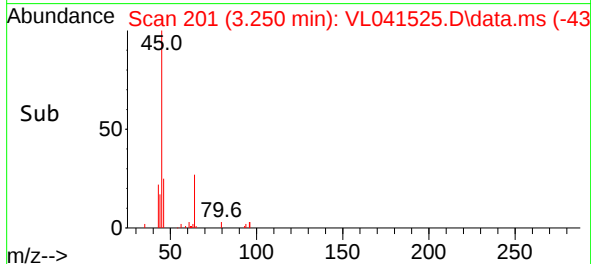
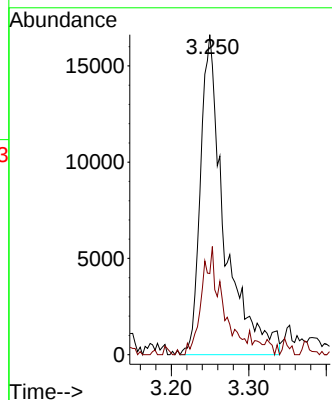
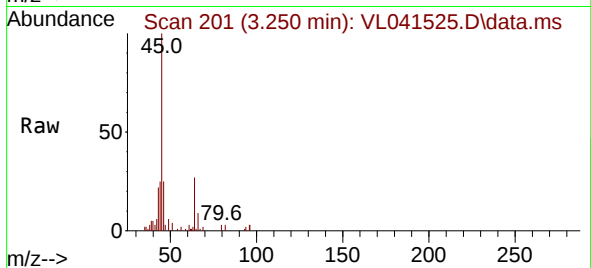
#13
Ethanol
Concen: 7.004 ppbv m
RT: 3.250 min Scan# 201
Delta R.T. 0.006 min
Lab File: VL041525.D
Acq: 8 Aug 2024 23:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 45 Resp: 3574
Ion Ratio Lower Upper
45 100
46 32.9 13.4 53.4

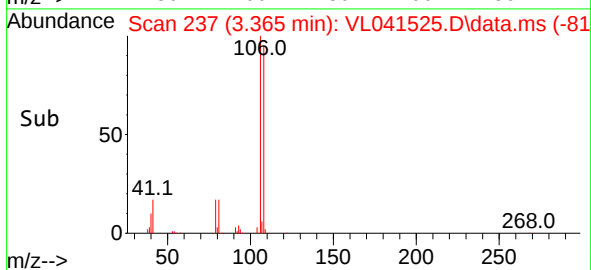
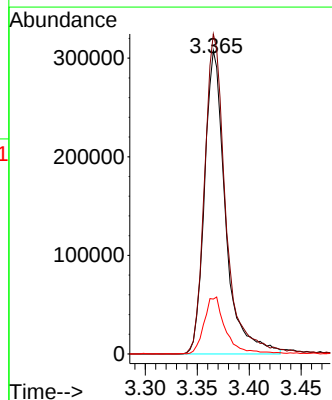
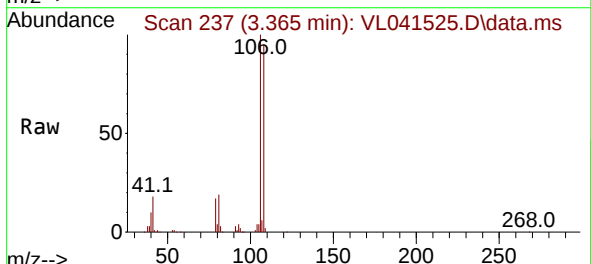
Manual Integrations
APPROVED

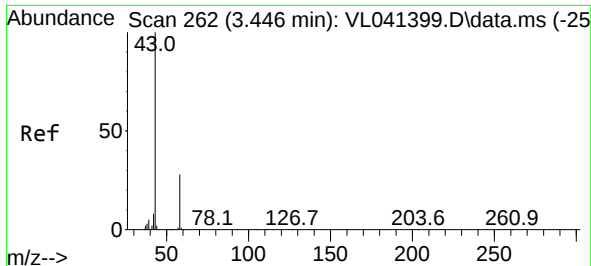
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#14
Bromoethene
Concen: 9.629 ppbv
RT: 3.365 min Scan# 237
Delta R.T. 0.000 min
Lab File: VL041525.D
Acq: 8 Aug 2024 23:23

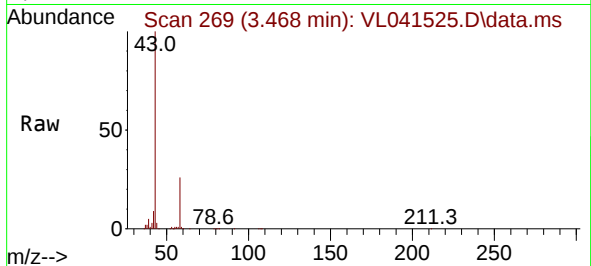
Tgt Ion:108 Resp: 431159
Ion Ratio Lower Upper
108 100
106 107.7 86.9 130.3
79 19.9 16.2 24.4





#15
Acetone
Concen: 9.434 ppbv
RT: 3.468 min Scan# 20
Delta R.T. 0.000 min
Lab File: VL041525.D
Acq: 8 Aug 2024 23:23

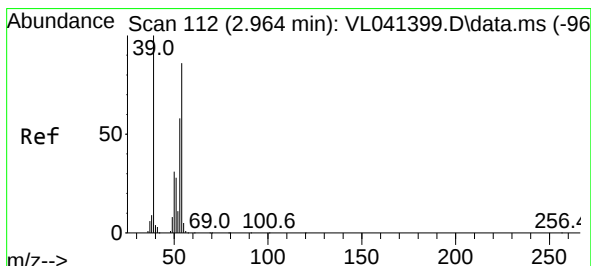
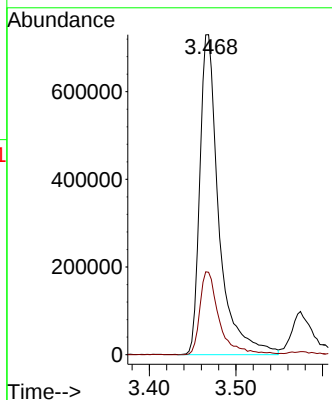
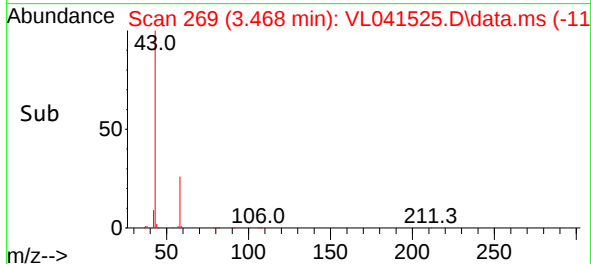
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



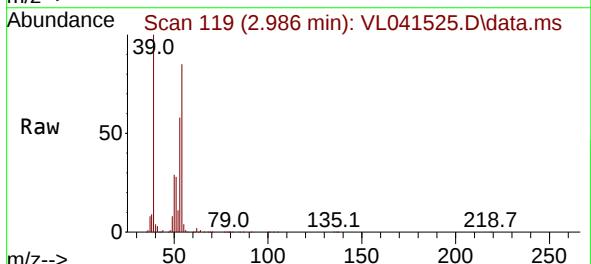
Tgt Ion: 43 Resp: 1119038
Ion Ratio Lower Upper
43 100
58 26.4 21.4 32.2

Manual Integrations
APPROVED

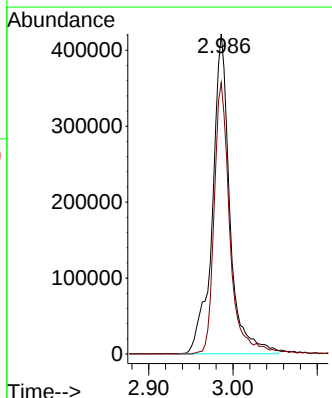
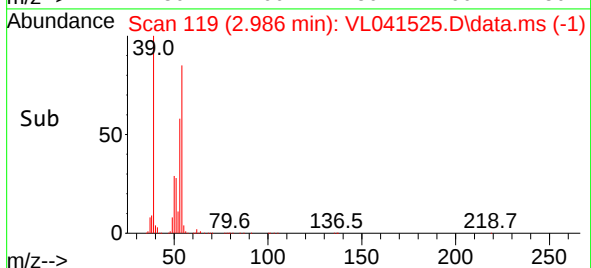
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024

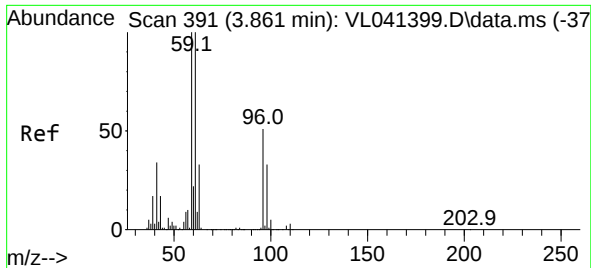


#16
1,3-Butadiene
Concen: 9.576 ppbv
RT: 2.986 min Scan# 119
Delta R.T. 0.000 min
Lab File: VL041525.D
Acq: 8 Aug 2024 23:23



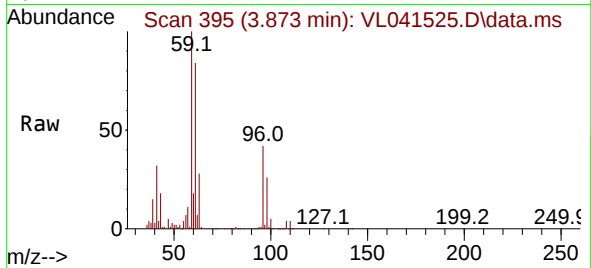
Tgt Ion: 39 Resp: 606913
Ion Ratio Lower Upper
39 100
54 77.0 62.5 93.7





#17
tert-Butyl alcohol
Concen: 10.881 ppbv
RT: 3.873 min Scan# 391
Delta R.T. -0.003 min
Lab File: VL041525.D
Acq: 8 Aug 2024 23:23

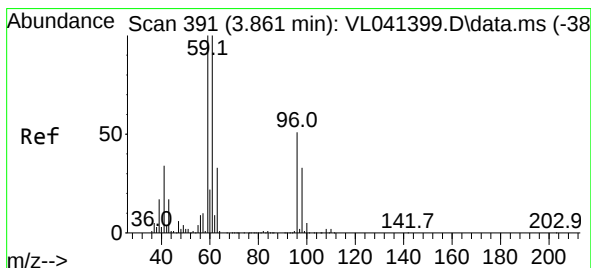
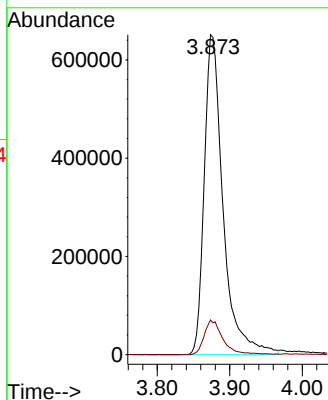
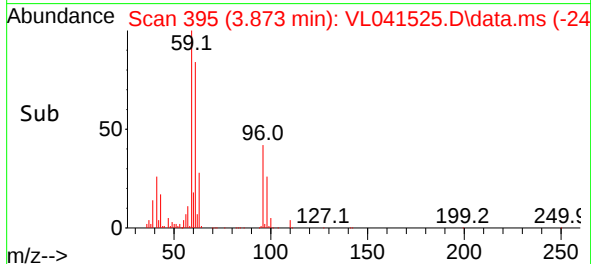
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



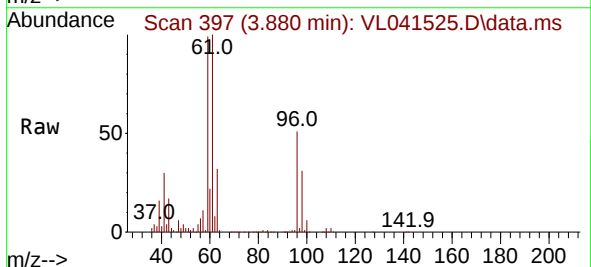
Tgt Ion: 59 Resp: 1177194
Ion Ratio Lower Upper
59 100
57 11.3 8.6 12.8

Manual Integrations
APPROVED

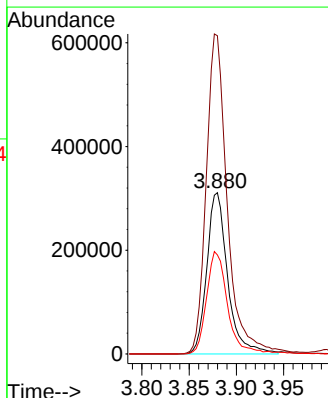
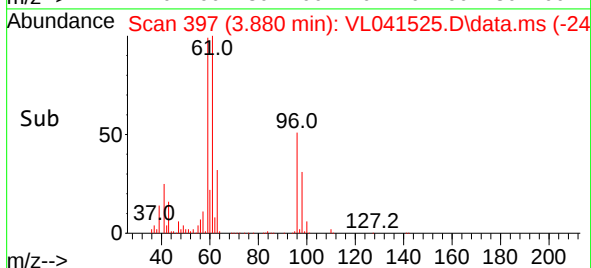
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024

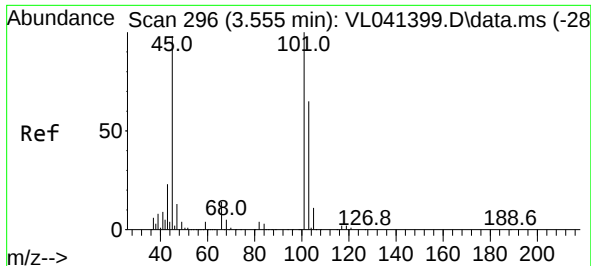


#18
1,1-Dichloroethene
Concen: 9.710 ppbv
RT: 3.880 min Scan# 397
Delta R.T. 0.000 min
Lab File: VL041525.D
Acq: 8 Aug 2024 23:23



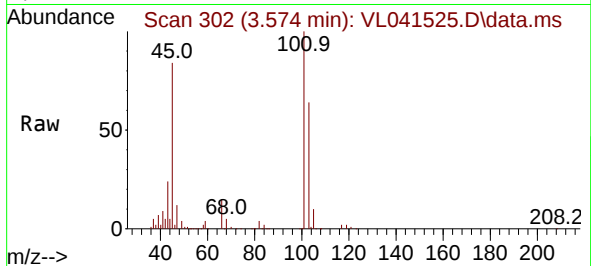
Tgt Ion: 96 Resp: 477099
Ion Ratio Lower Upper
96 100
61 197.3 157.5 236.3
98 61.4 51.2 76.8





#19
Isopropyl Alcohol
Concen: 8.812 ppbv
RT: 3.574 min Scan# 302
Delta R.T. 0.000 min
Lab File: VL041525.D
Acq: 8 Aug 2024 23:23

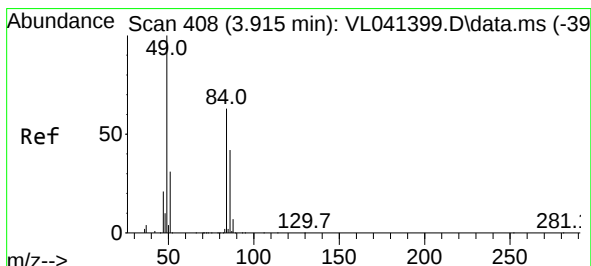
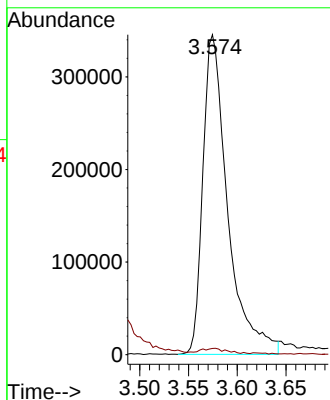
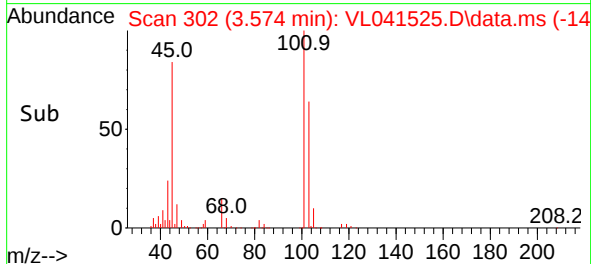
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



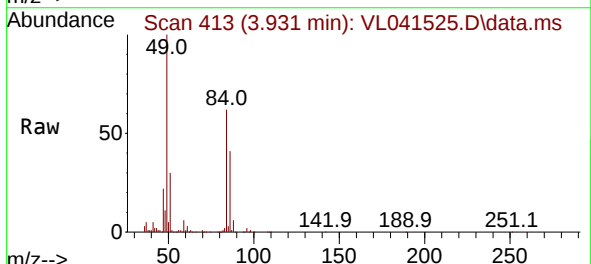
Tgt Ion: 45 Resp: 611110
Ion Ratio Lower Upper
45 100
58 2.2 1.9 2.9

Manual Integrations
APPROVED

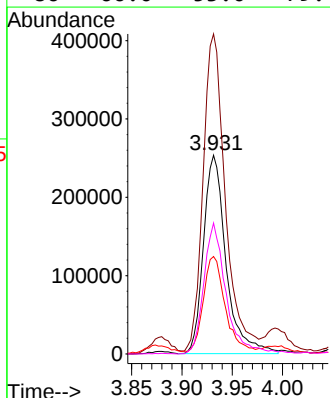
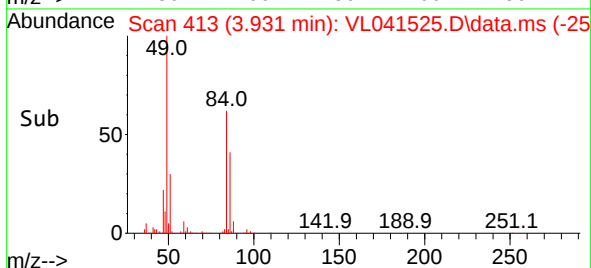
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024

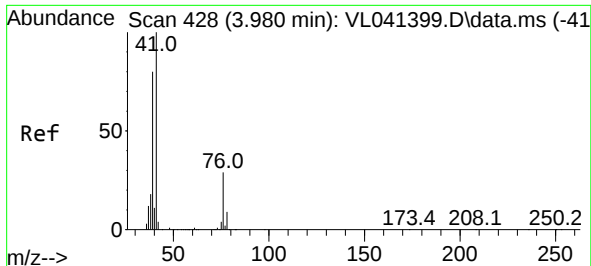


#20
Methylene Chloride
Concen: 8.951 ppbv
RT: 3.931 min Scan# 413
Delta R.T. 0.000 min
Lab File: VL041525.D
Acq: 8 Aug 2024 23:23



Tgt Ion: 84 Resp: 395949
Ion Ratio Lower Upper
84 100
49 159.5 126.6 190.0
51 47.5 38.6 58.0
86 66.0 53.0 79.4





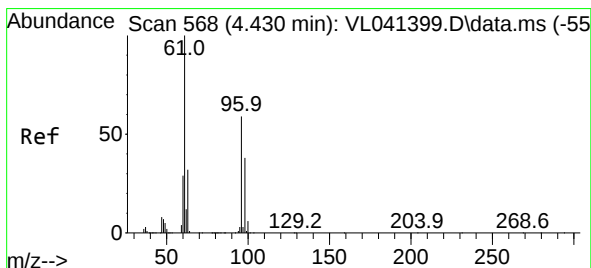
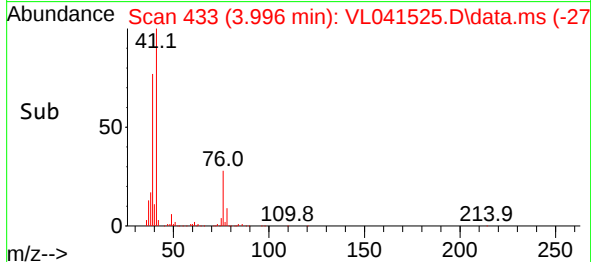
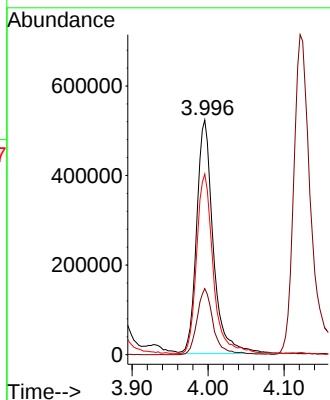
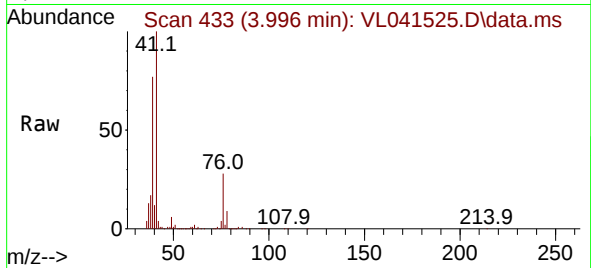
#21
 Allyl Chloride
 Concen: 10.178 ppbv
 RT: 3.996 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL041525.D
 Acq: 8 Aug 2024 23:23

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 41 Resp: 79177
 Ion Ratio Lower Upper
 41 100
 76 27.8 23.7 35.5
 39 77.4 64.3 96.5

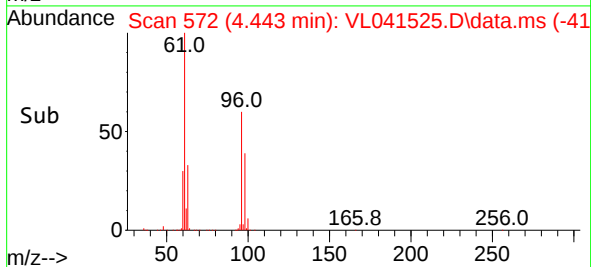
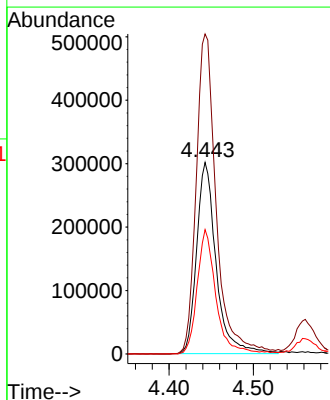
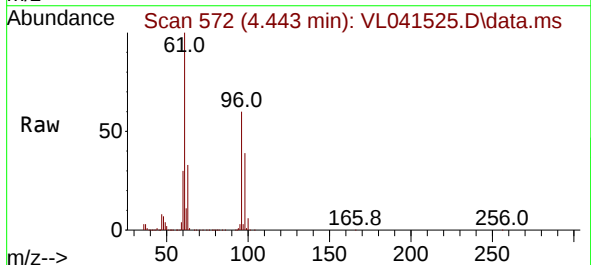
Manual Integrations
 APPROVED

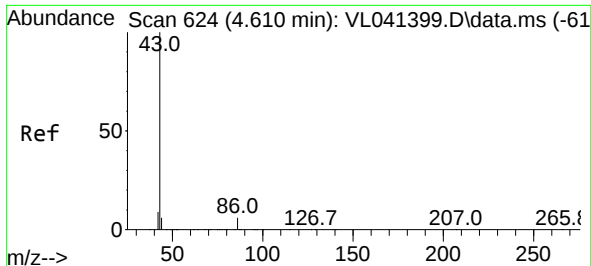
Reviewed By :Semsettin Yesilyurt 08/09/2024
 Supervised By :Mahesh Dadoda 08/09/2024



#22
 trans-1,2-Dichloroethene
 Concen: 9.888 ppbv
 RT: 4.443 min Scan# 572
 Delta R.T. 0.000 min
 Lab File: VL041525.D
 Acq: 8 Aug 2024 23:23

Tgt Ion: 96 Resp: 485777
 Ion Ratio Lower Upper
 96 100
 61 167.0 135.4 203.2
 98 65.0 51.0 76.4





#23
 Vinyl Acetate
 Concen: 10.862 ppbv
 RT: 4.626 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VL041525.D
 Acq: 8 Aug 2024 23:23

Instrument :

MSVOA_L

ClientSampleId :

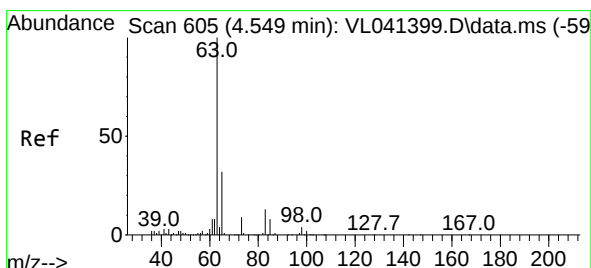
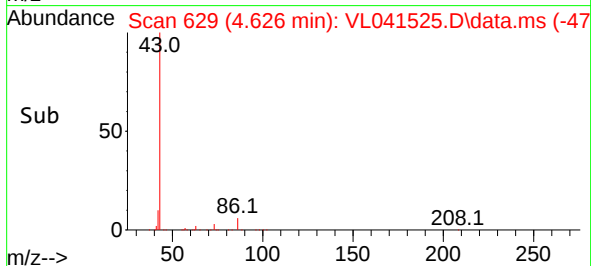
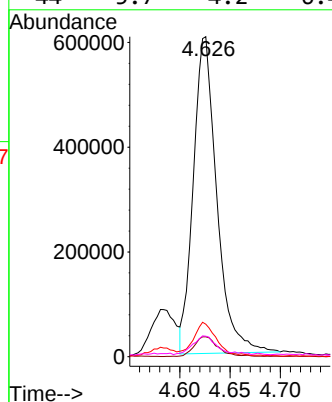
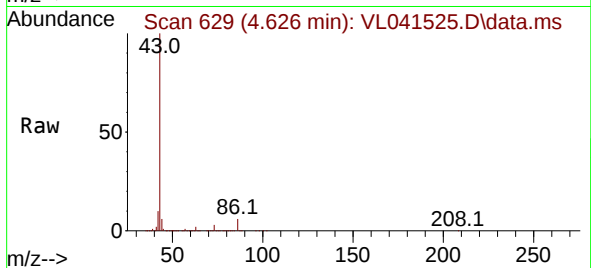
VSTDCCC010EC

Tgt Ion: 43 Resp: 98403
 Ion Ratio Lower Upper
 43 100
 86 6.2 4.6 6.8
 42 10.1 7.9 11.9
 44 5.7 4.2 6.4

Manual Integrations

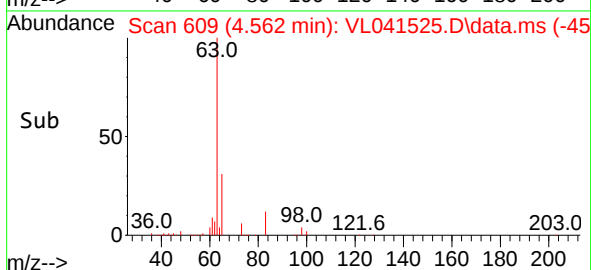
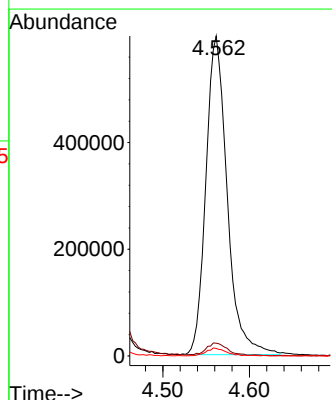
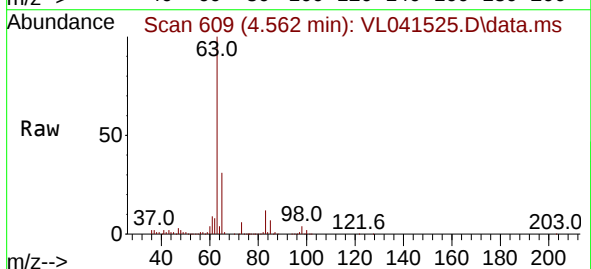
APPROVED

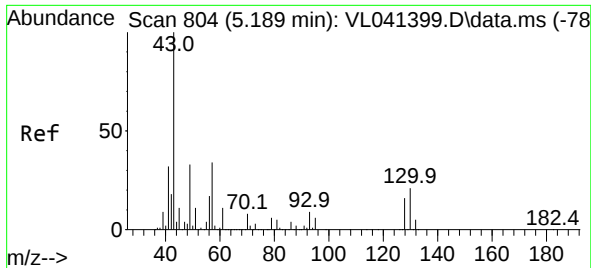
Reviewed By :Semsettin Yesilyurt 08/09/2024
 Supervised By :Mahesh Dadoda 08/09/2024



#24
 1,1-Dichloroethane
 Concen: 9.572 ppbv
 RT: 4.562 min Scan# 609
 Delta R.T. 0.000 min
 Lab File: VL041525.D
 Acq: 8 Aug 2024 23:23

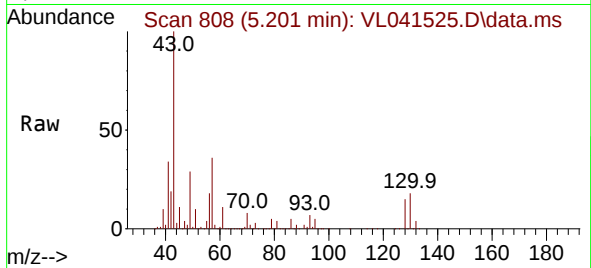
Tgt Ion: 63 Resp: 1021039
 Ion Ratio Lower Upper
 63 100
 98 3.9 2.0 6.0
 100 2.3 1.2 3.6





#25
Ethyl Acetate
Concen: 9.813 ppbv
RT: 5.201 min Scan# 808
Delta R.T. 0.000 min
Lab File: VL041525.D
Acq: 8 Aug 2024 23:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

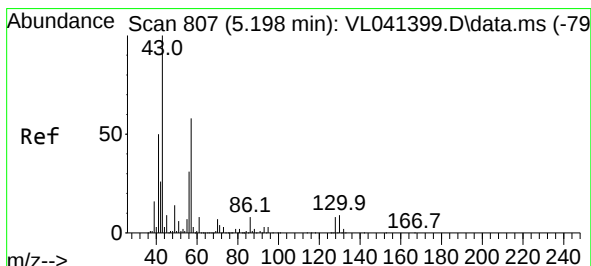
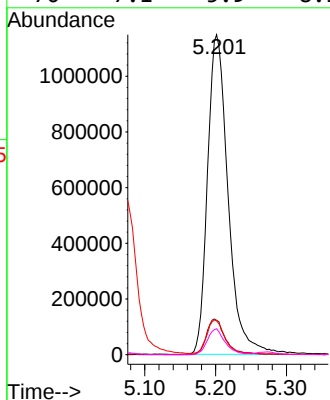
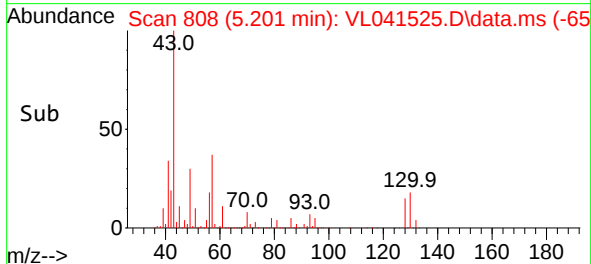


Tgt Ion: 43 Resp: 231253

Ion	Ratio	Lower	Upper
43	100		
45	10.5	8.5	12.7
61	10.0	8.0	12.0
70	7.1	5.9	8.9

Manual Integrations
APPROVED

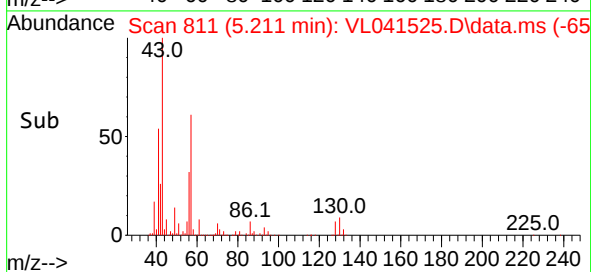
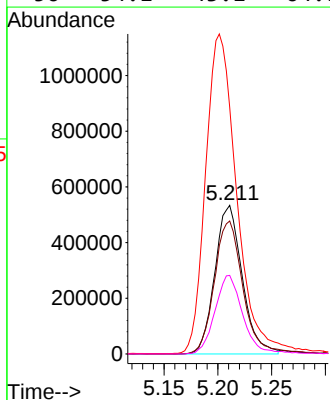
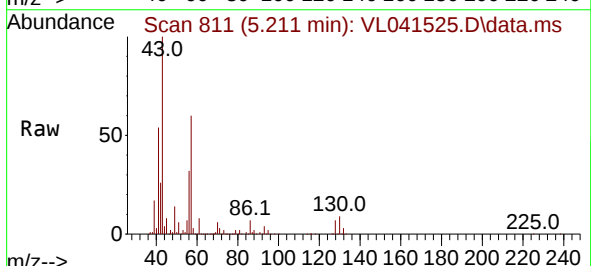
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024

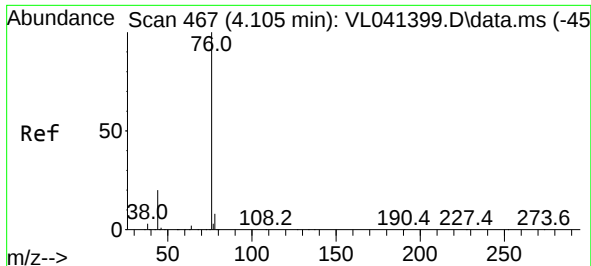


#26
Hexane
Concen: 9.664 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.000 min
Lab File: VL041525.D
Acq: 8 Aug 2024 23:23

Tgt Ion: 57 Resp: 944715

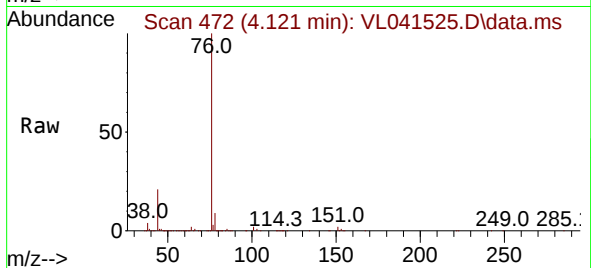
Ion	Ratio	Lower	Upper
57	100		
41	94.4	74.0	111.0
43	246.7	193.6	290.4
56	54.1	43.1	64.7





#27
Carbon Disulfide
Concen: 9.655 ppbv
RT: 4.121 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL041525.D
Acq: 8 Aug 2024 23:23

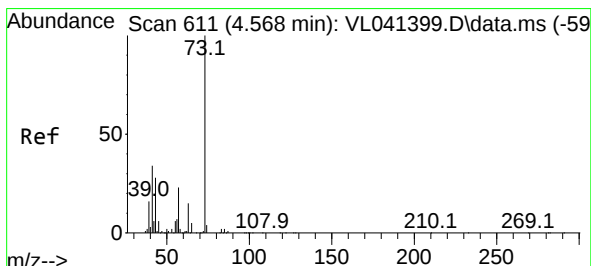
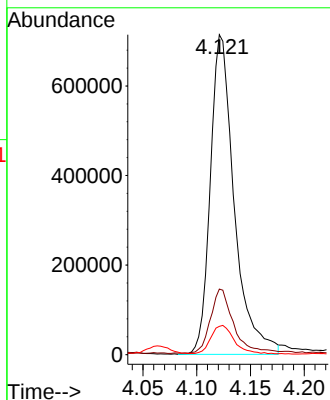
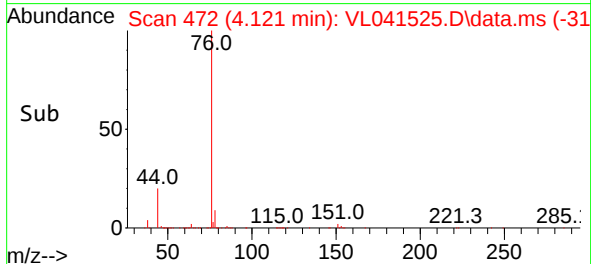
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



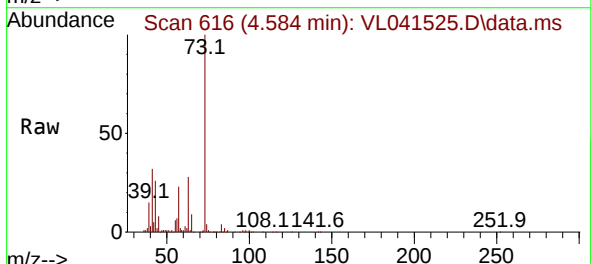
Tgt Ion: 76 Resp: 110420
Ion Ratio Lower Upper
76 100
44 19.9 15.6 23.4
78 9.4 7.7 11.5

Manual Integrations
APPROVED

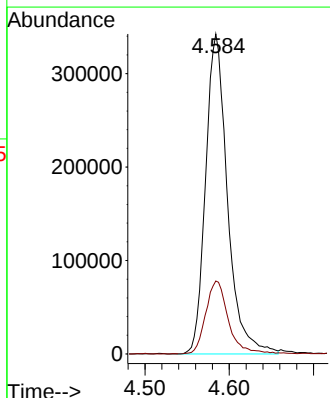
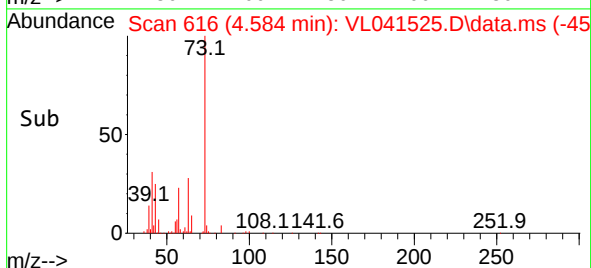
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024

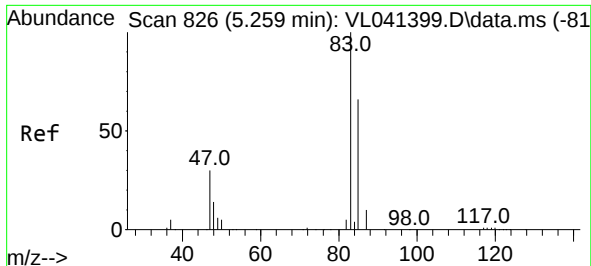


#28
Methyl tert-Butyl Ether
Concen: 10.022 ppbv
RT: 4.584 min Scan# 616
Delta R.T. 0.003 min
Lab File: VL041525.D
Acq: 8 Aug 2024 23:23



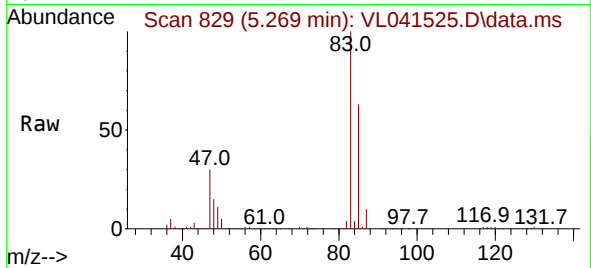
Tgt Ion: 73 Resp: 617894
Ion Ratio Lower Upper
73 100
57 24.0 18.9 28.3





#29
Chloroform
Concen: 9.404 ppbv
RT: 5.269 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL041525.D
Acq: 8 Aug 2024 23:23

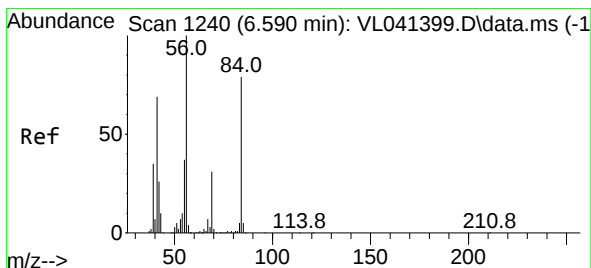
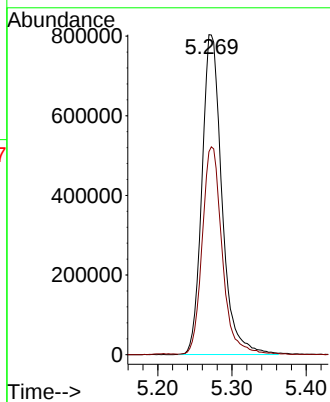
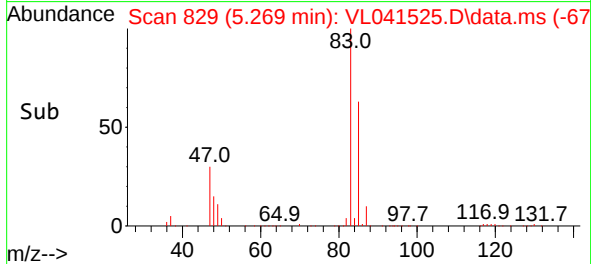
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 83 Resp: 149949
Ion Ratio Lower Upper
83 100
85 63.3 53.1 79.7

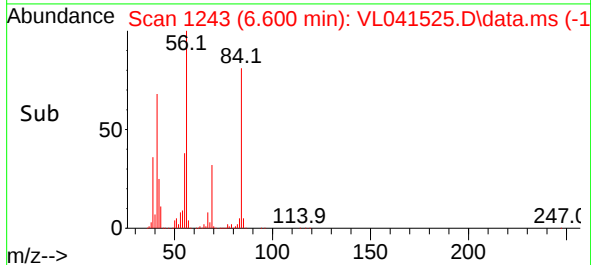
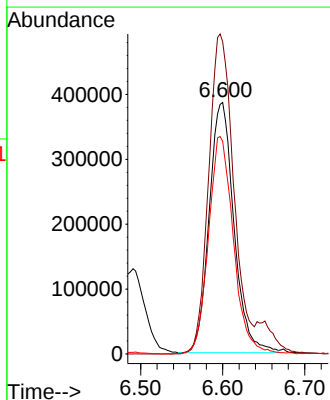
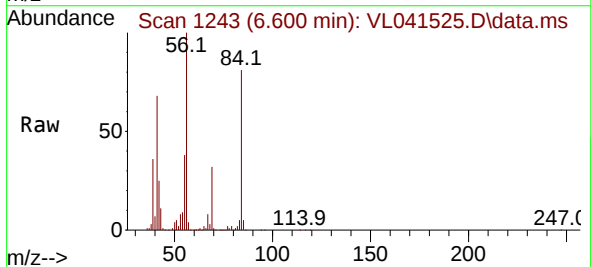
Manual Integrations
APPROVED

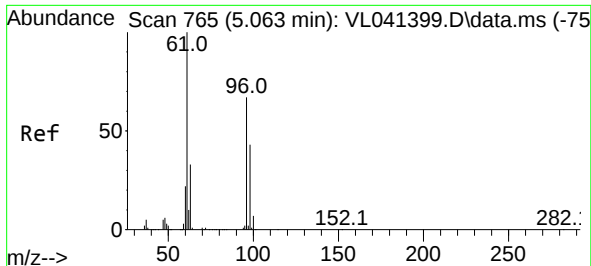
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#30
Cyclohexane
Concen: 10.188 ppbv
RT: 6.600 min Scan# 1243
Delta R.T. 0.003 min
Lab File: VL041525.D
Acq: 8 Aug 2024 23:23

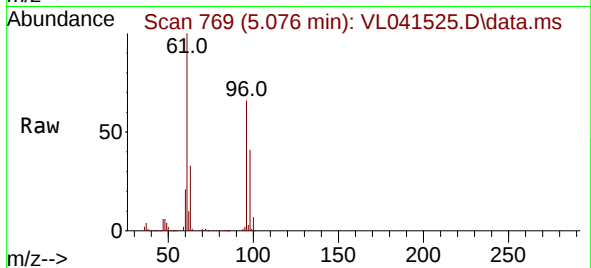
Tgt Ion: 84 Resp: 811078
Ion Ratio Lower Upper
84 100
56 138.9 111.2 166.8
41 87.2 70.3 105.5





#31
 cis-1,2-Dichloroethene
 Concen: 9.896 ppbv
 RT: 5.076 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VL041525.D
 Acq: 8 Aug 2024 23:23

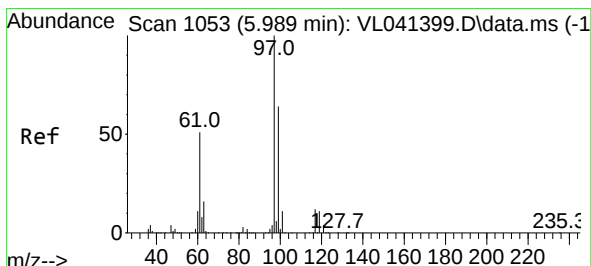
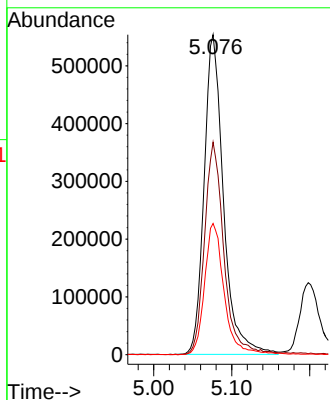
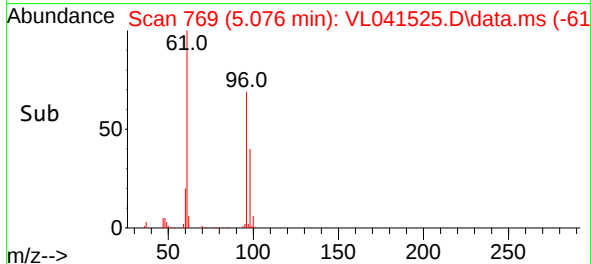
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 61 Resp: 95567
 Ion Ratio Lower Upper
 61 100
 96 66.5 53.4 80.2
 98 41.0 34.4 51.6

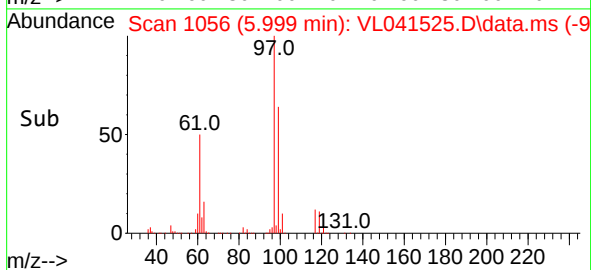
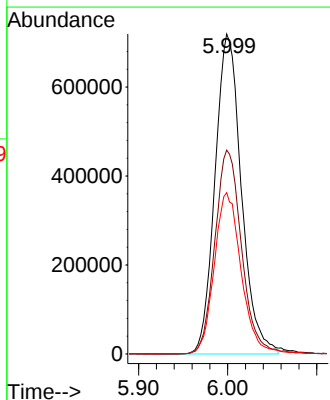
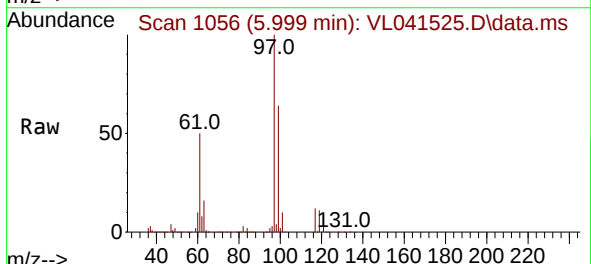
Manual Integrations
 APPROVED

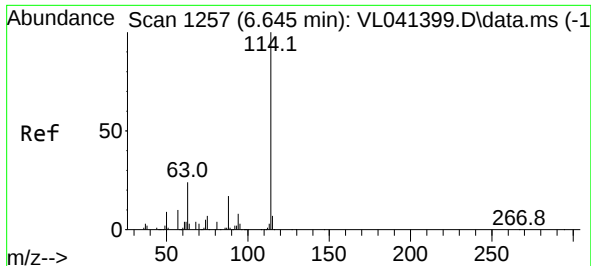
Reviewed By :Semsettin Yesilyurt 08/09/2024
 Supervised By :Mahesh Dadoda 08/09/2024



#32
 1,1,1-Trichloroethane
 Concen: 9.525 ppbv
 RT: 5.999 min Scan# 1056
 Delta R.T. 0.000 min
 Lab File: VL041525.D
 Acq: 8 Aug 2024 23:23

Tgt Ion: 97 Resp: 1478445
 Ion Ratio Lower Upper
 97 100
 99 64.9 52.0 78.0
 61 51.9 41.8 62.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.648 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL041525.D

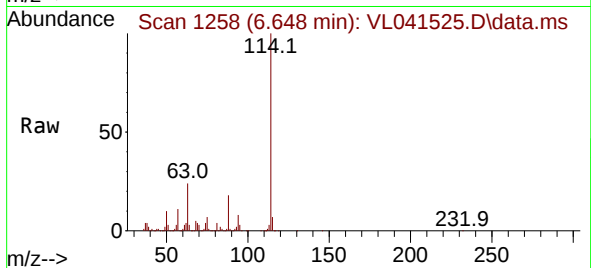
Acq: 8 Aug 2024 23:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion:114 Resp: 2810934

Ion Ratio Lower Upper

114 100

63 25.1 20.3 30.5

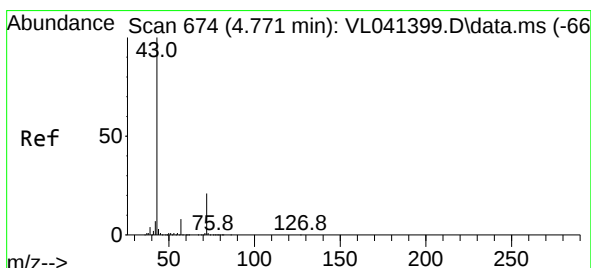
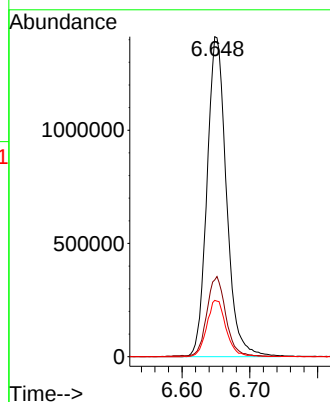
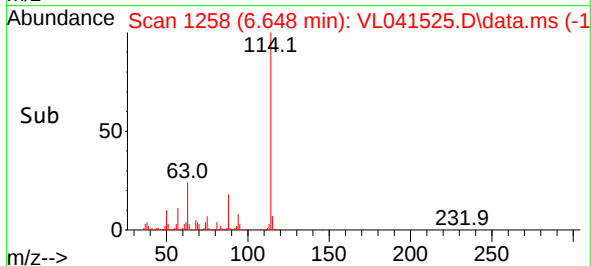
88 17.6 14.3 21.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/09/2024

Supervised By :Mahesh Dadoda 08/09/2024



#34

2-Butanone

Concen: 10.162 ppbv

RT: 4.783 min Scan# 678

Delta R.T. 0.000 min

Lab File: VL041525.D

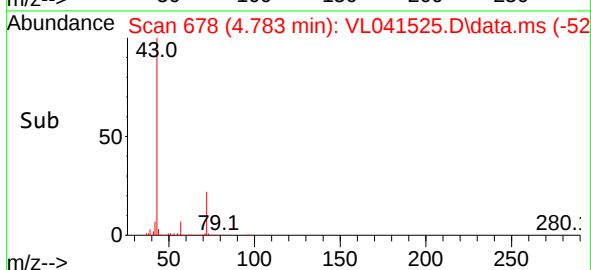
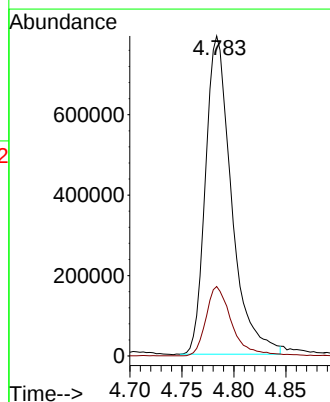
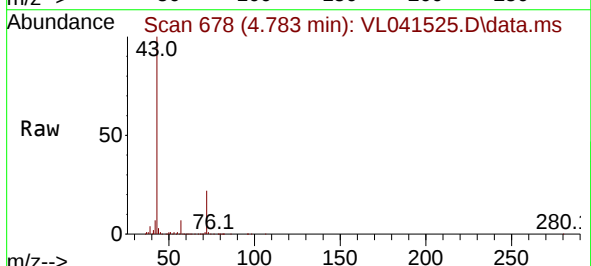
Acq: 8 Aug 2024 23:23

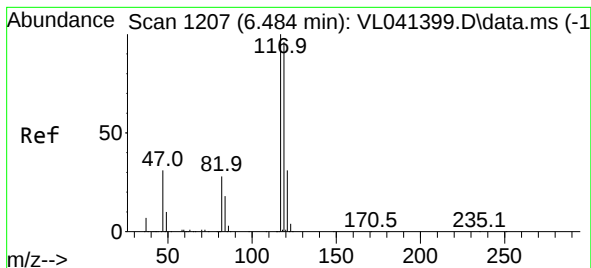
Tgt Ion: 43 Resp: 1381840

Ion Ratio Lower Upper

43 100

72 21.9 17.3 25.9





#35

Carbon Tetrachloride

Concen: 9.924 ppbv

RT: 6.491 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VL041525.D

Acq: 8 Aug 2024 23:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:117 Resp: 1538654

Ion Ratio Lower Upper

117 100

119 97.2 76.6 115.0

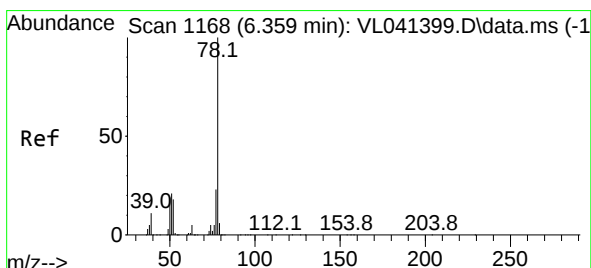
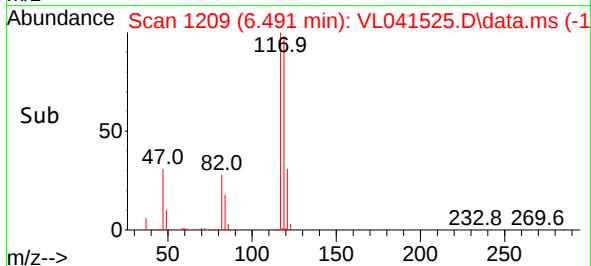
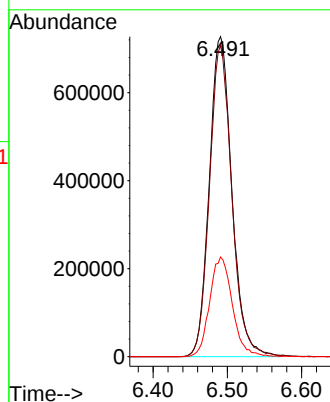
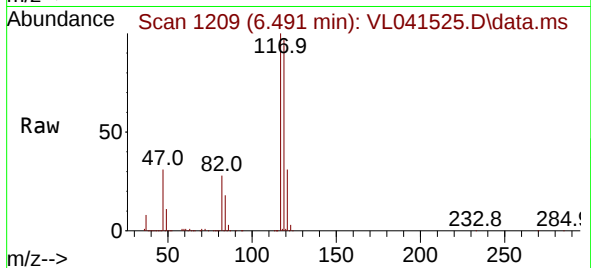
121 31.1 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/09/2024

Supervised By :Mahesh Dadoda 08/09/2024



#36

Benzene

Concen: 9.987 ppbv

RT: 6.369 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VL041525.D

Acq: 8 Aug 2024 23:23

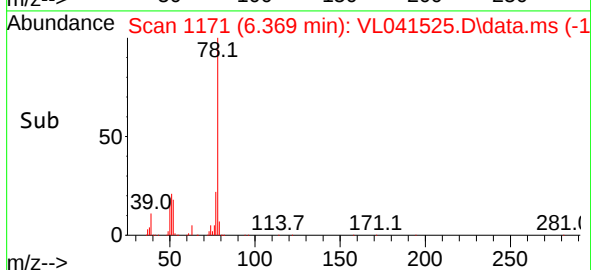
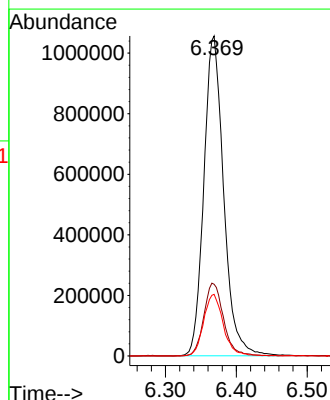
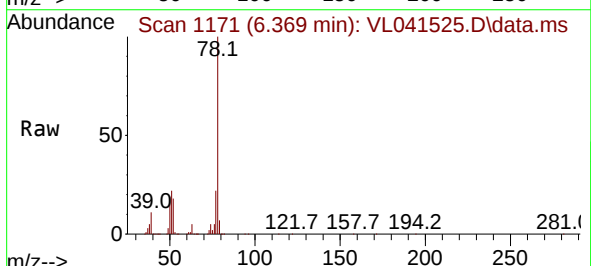
Tgt Ion: 78 Resp: 2051357

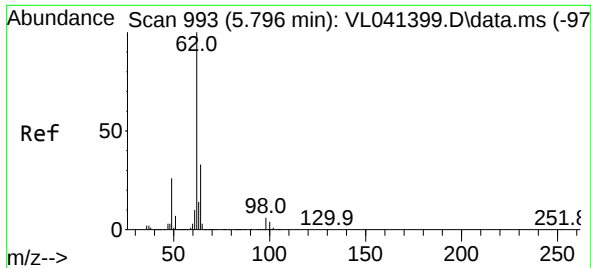
Ion Ratio Lower Upper

78 100

77 22.4 18.1 27.1

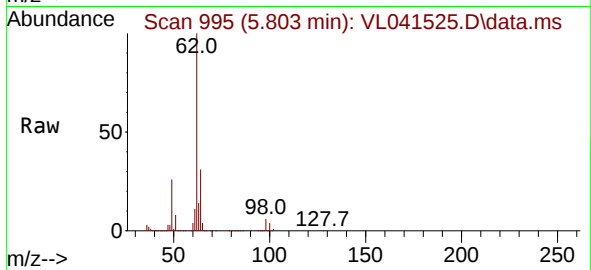
50 19.2 15.5 23.3





#37
1,2-Dichloroethane
Concen: 9.959 ppbv
RT: 5.803 min Scan# 993
Delta R.T. -0.003 min
Lab File: VL041525.D
Acq: 8 Aug 2024 23:23

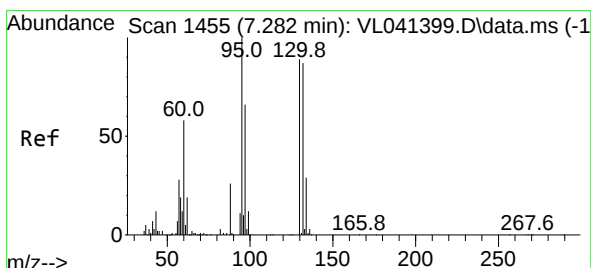
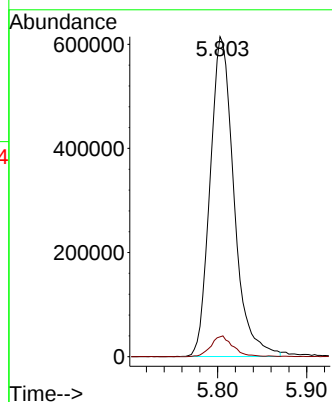
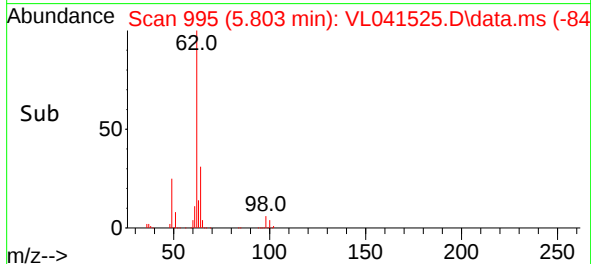
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



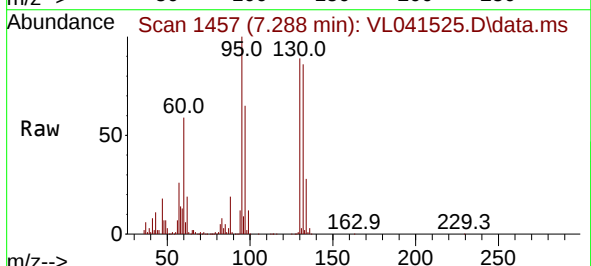
Tgt Ion: 62 Resp: 1144849
Ion Ratio Lower Upper
62 100
98 6.2 5.0 7.4

Manual Integrations
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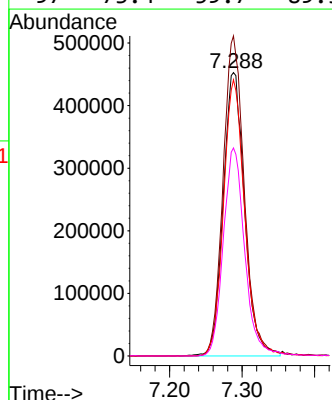
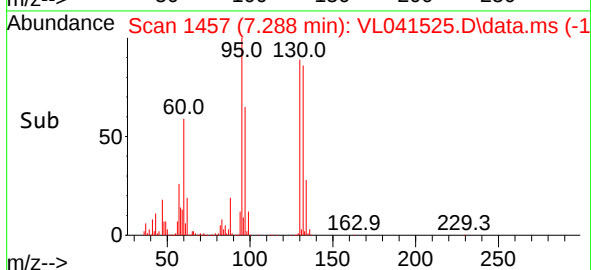
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024

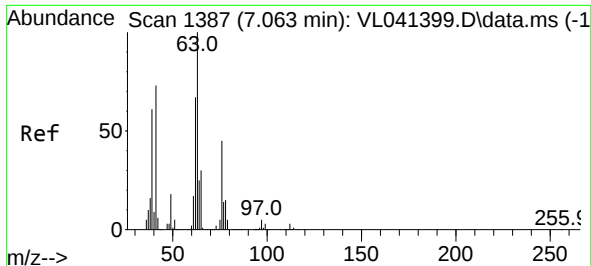


#38
Trichloroethene
Concen: 9.869 ppbv
RT: 7.288 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VL041525.D
Acq: 8 Aug 2024 23:23



Tgt Ion:130 Resp: 928679
Ion Ratio Lower Upper
130 100
95 112.9 90.2 135.2
132 97.5 78.1 117.1
97 73.4 59.7 89.5





#39

1,2-Dichloropropane

Concen: 10.046 ppbv

RT: 7.069 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL041525.D

Acq: 8 Aug 2024 23:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 63 Resp: 78996

Ion Ratio Lower Upper

63 100

41 72.3 58.3 87.5

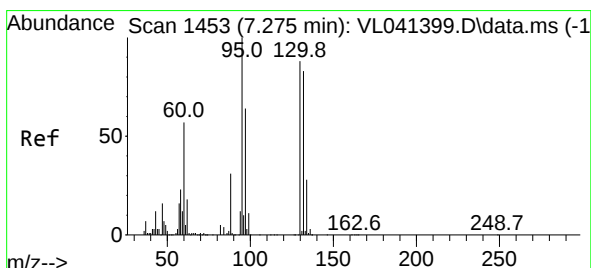
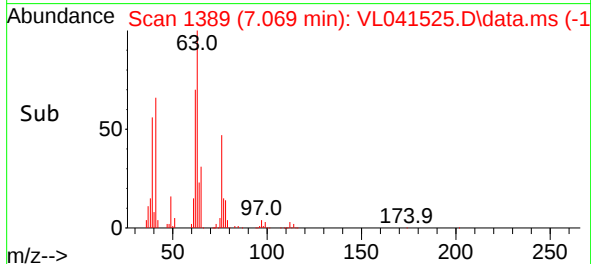
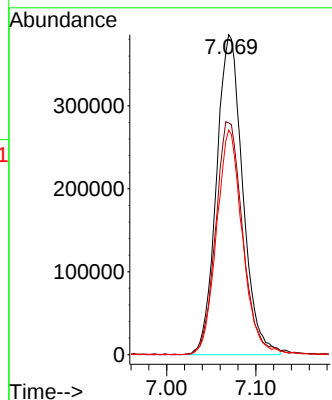
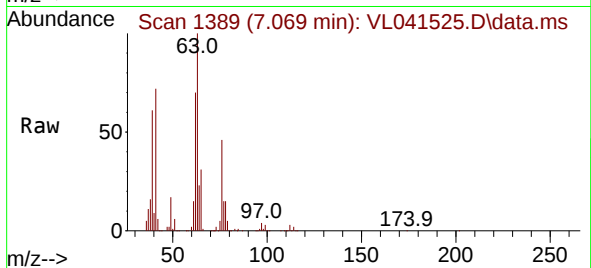
62 70.2 53.9 80.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/09/2024

Supervised By :Mahesh Dadoda 08/09/2024



#40

1,4-Dioxane

Concen: 6.855 ppbv

RT: 7.285 min Scan# 1456

Delta R.T. 0.006 min

Lab File: VL041525.D

Acq: 8 Aug 2024 23:23

Tgt Ion: 88 Resp: 216526

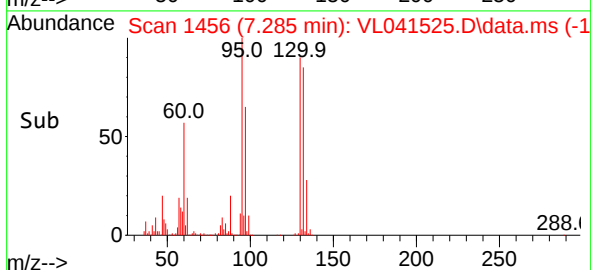
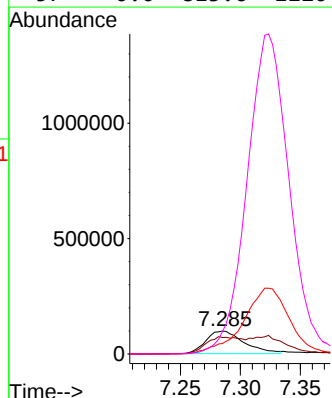
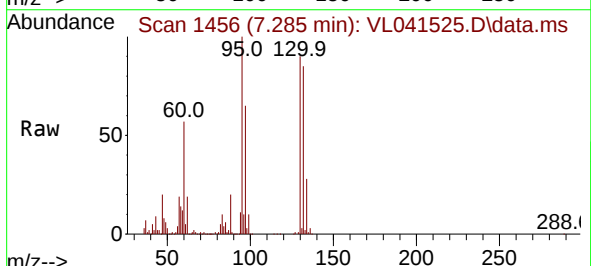
Ion Ratio Lower Upper

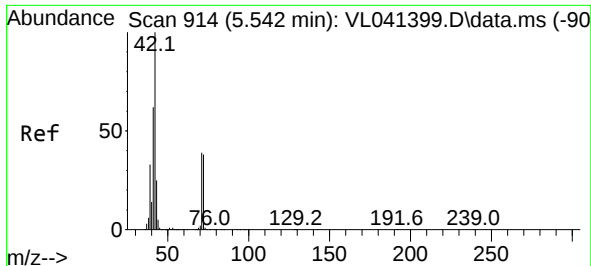
88 100

58 0.0 95.8 143.6#

43 0.0 188.2 282.2#

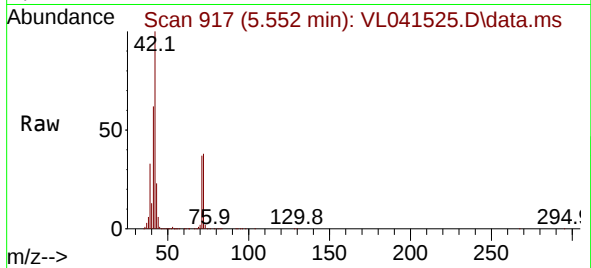
57 0.0 813.6 1220.4#





#41
Tetrahydrofuran
Concen: 10.715 ppbv
RT: 5.552 min Scan# 914
Delta R.T. 0.000 min
Lab File: VL041525.D
Acq: 8 Aug 2024 23:23

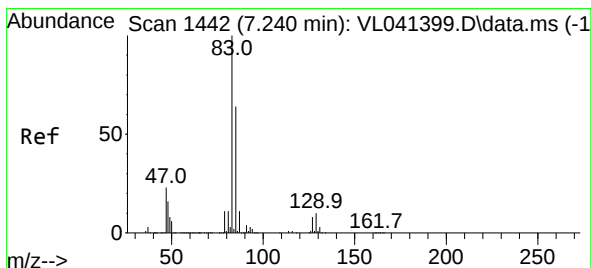
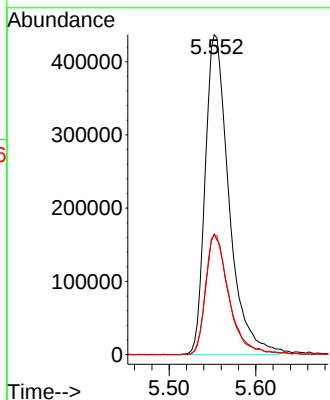
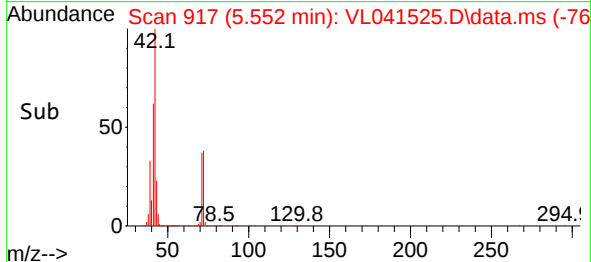
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 42 Resp: 833285
Ion Ratio Lower Upper
42 100
72 37.3 31.2 46.8
71 37.2 30.5 45.7

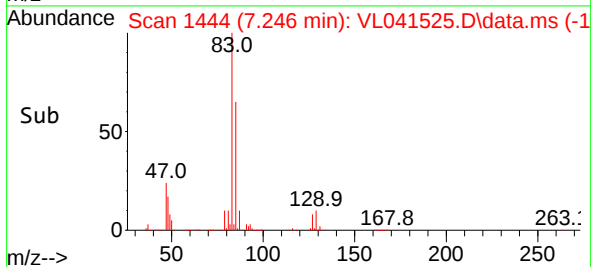
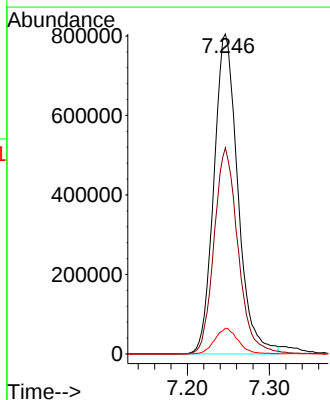
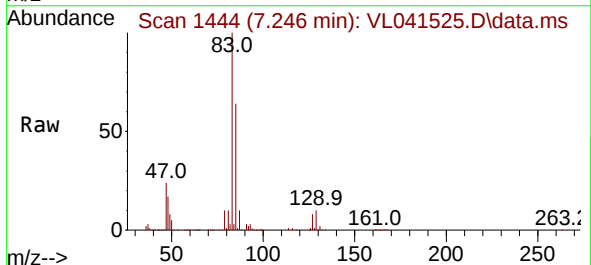
Manual Integrations
APPROVED

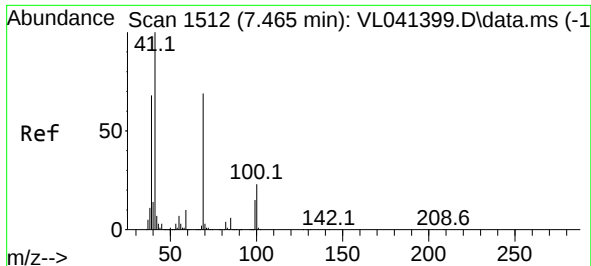
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#42
Bromodichloromethane
Concen: 9.853 ppbv
RT: 7.246 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VL041525.D
Acq: 8 Aug 2024 23:23

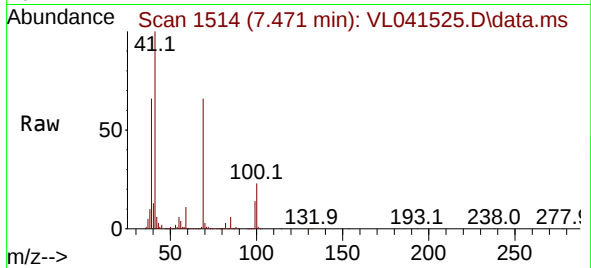
Tgt Ion: 83 Resp: 1635634
Ion Ratio Lower Upper
83 100
85 64.5 51.4 77.0
127 8.0 6.7 10.1





#43
Methyl Methacrylate
Concen: 10.835 ppbv
RT: 7.471 min Scan# 1514
Delta R.T. 0.003 min
Lab File: VL041525.D
Acq: 8 Aug 2024 23:23

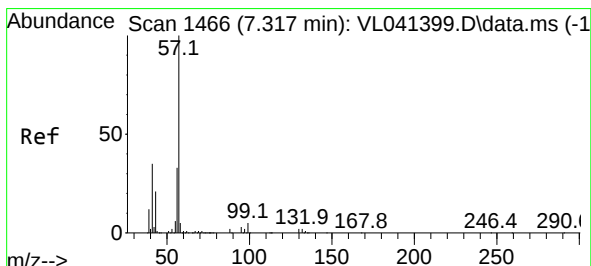
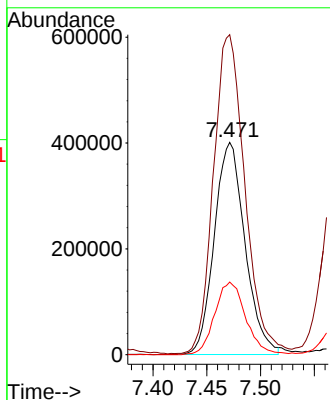
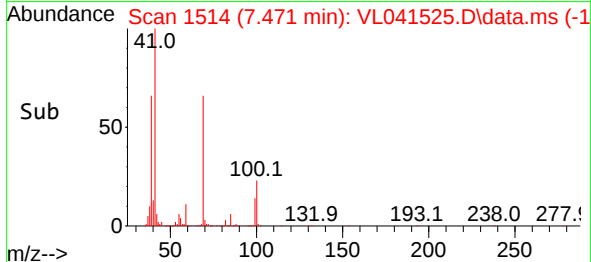
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



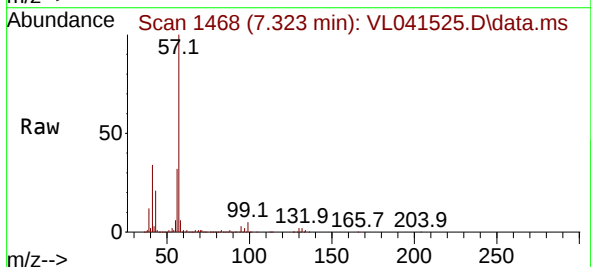
Tgt Ion: 69 Resp: 798062
Ion Ratio Lower Upper
69 100
41 154.3 118.7 178.1
100 34.5 27.0 40.4

Manual Integrations
APPROVED

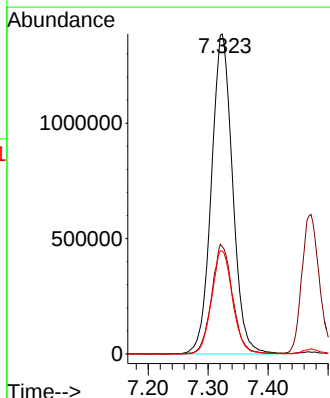
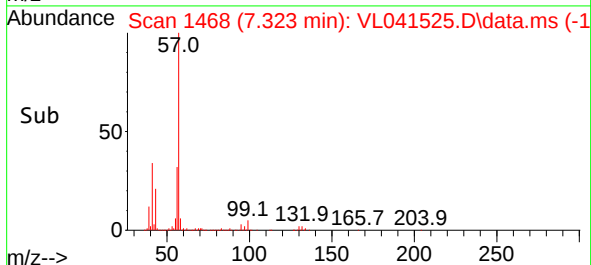
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024

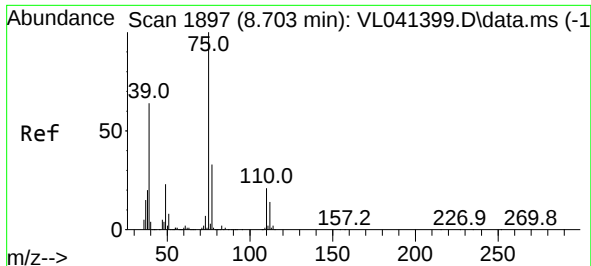


#44
2,2,4-Trimethylpentane
Concen: 9.906 ppbv
RT: 7.323 min Scan# 1468
Delta R.T. 0.003 min
Lab File: VL041525.D
Acq: 8 Aug 2024 23:23



Tgt Ion: 57 Resp: 3398347
Ion Ratio Lower Upper
57 100
41 33.9 27.0 40.6
56 32.0 25.2 37.8





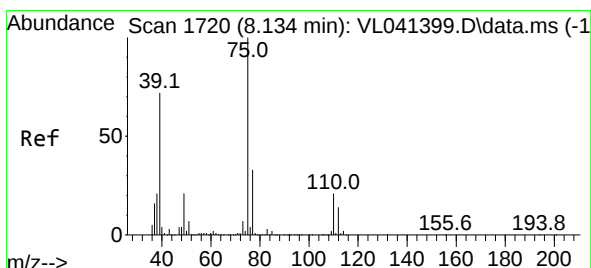
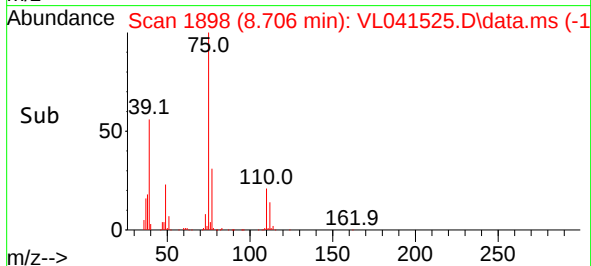
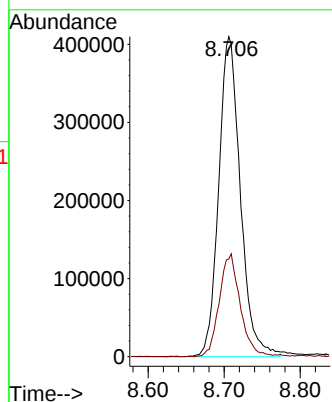
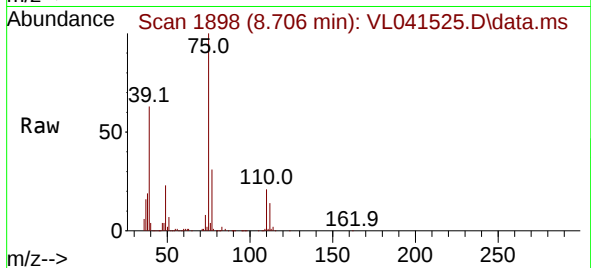
#45
t-1,3-Dichloropropene
Concen: 11.959 ppbv
RT: 8.706 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VL041525.D
Acq: 8 Aug 2024 23:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 75 Resp: 810708
Ion Ratio Lower Upper
75 100
77 30.6 26.5 39.7

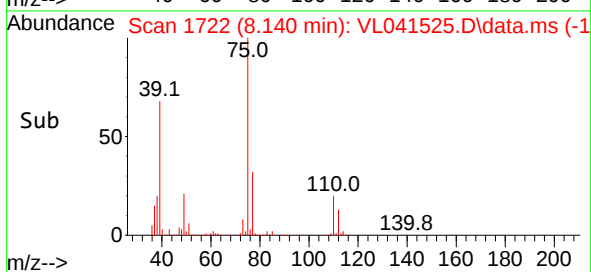
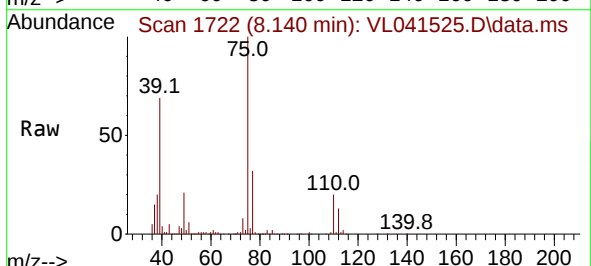
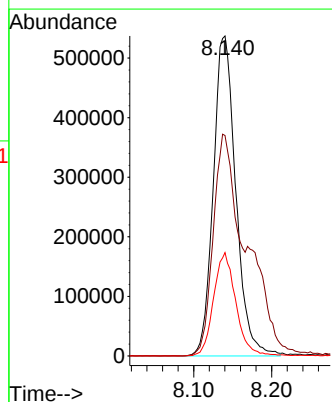
Manual Integrations
APPROVED

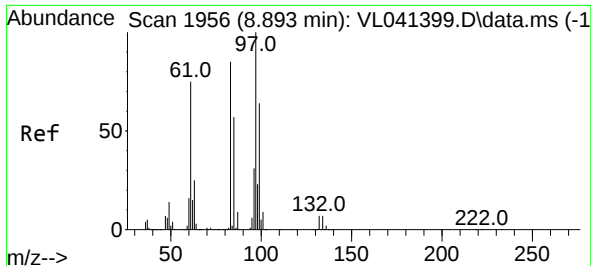
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#46
cis-1,3-Dichloropropene
Concen: 11.017 ppbv
RT: 8.140 min Scan# 1722
Delta R.T. 0.000 min
Lab File: VL041525.D
Acq: 8 Aug 2024 23:23

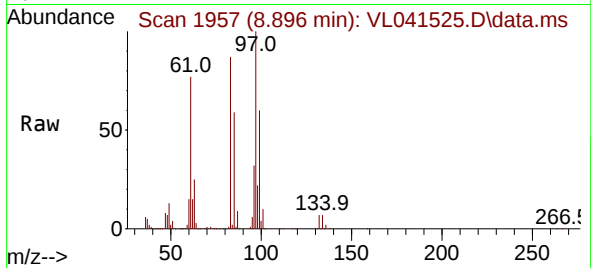
Tgt Ion: 75 Resp: 1078512
Ion Ratio Lower Upper
75 100
39 68.8 57.3 85.9
77 32.3 26.2 39.2





#47
1,1,2-Trichloroethane
Concen: 9.689 ppbv
RT: 8.896 min Scan# 1956
Delta R.T. 0.003 min
Lab File: VL041525.D
Acq: 8 Aug 2024 23:23

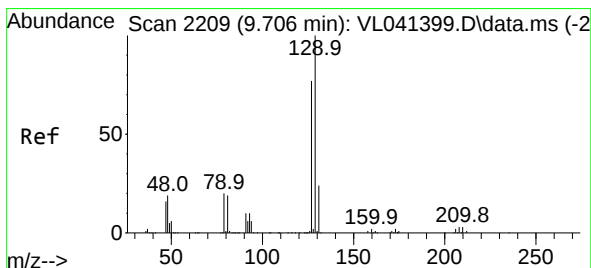
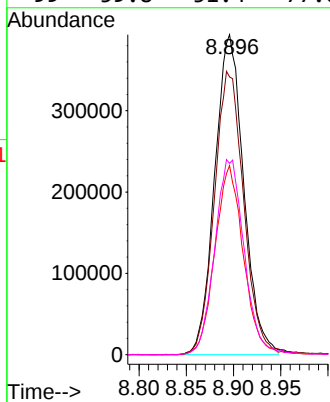
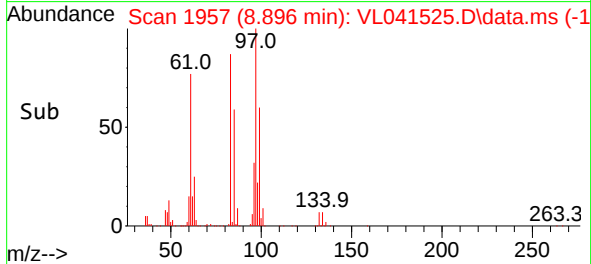
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 97 Resp: 839814
Ion Ratio Lower Upper
97 100
83 86.7 67.6 101.4
85 59.1 45.9 68.9
99 59.8 51.4 77.0

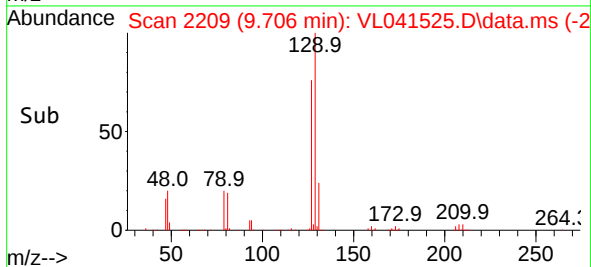
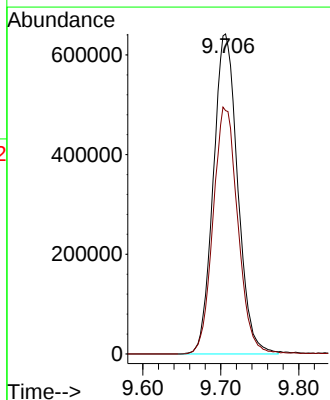
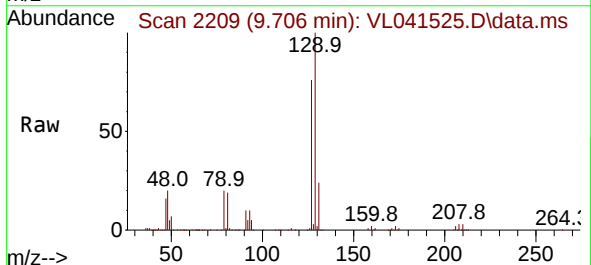
Manual Integrations
APPROVED

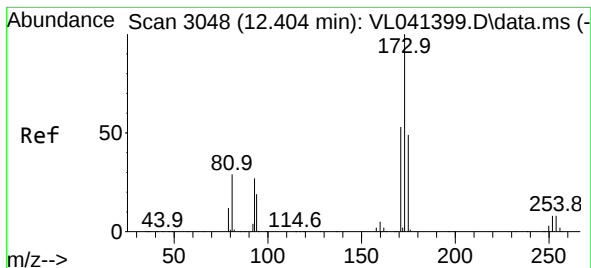
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#48
Dibromochloromethane
Concen: 10.012 ppbv
RT: 9.706 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VL041525.D
Acq: 8 Aug 2024 23:23

Tgt Ion:129 Resp: 1398031
Ion Ratio Lower Upper
129 100
127 78.4 39.3 117.8





#49

Bromoform

Concen: 10.293 ppbv

RT: 12.404 min Scan# 3048

Delta R.T. 0.003 min

Lab File: VL041525.D

Acq: 8 Aug 2024 23:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:173 Resp: 1214092

Ion Ratio Lower Upper

173 100

175 49.7 39.9 59.9

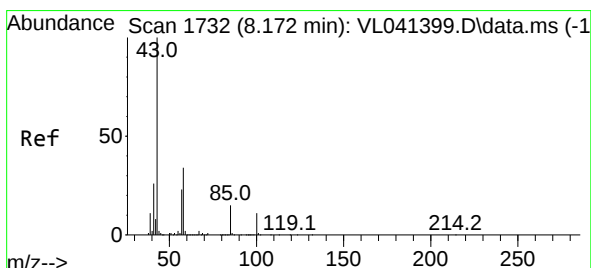
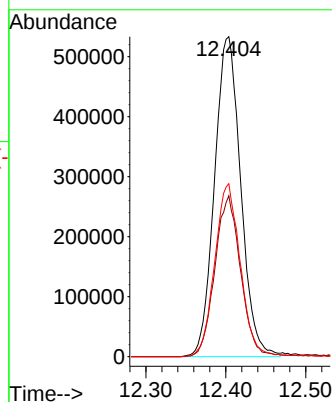
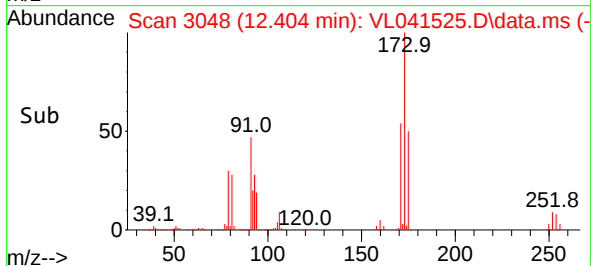
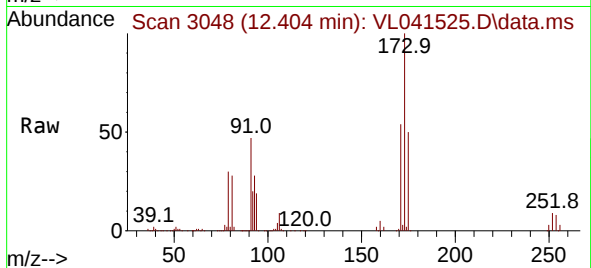
171 53.3 41.7 62.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/09/2024

Supervised By :Mahesh Dadoda 08/09/2024



#50

4-Methyl-2-Pentanone

Concen: 10.528 ppbv

RT: 8.176 min Scan# 1733

Delta R.T. 0.000 min

Lab File: VL041525.D

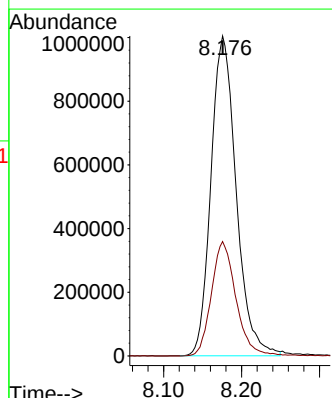
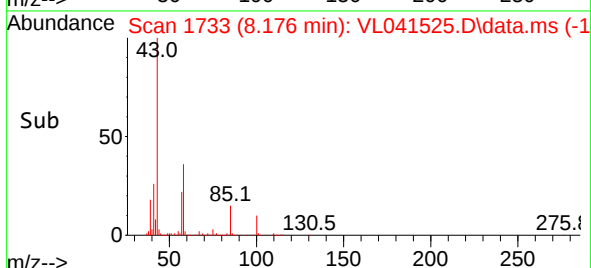
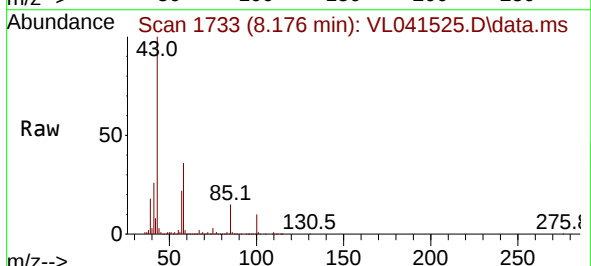
Acq: 8 Aug 2024 23:23

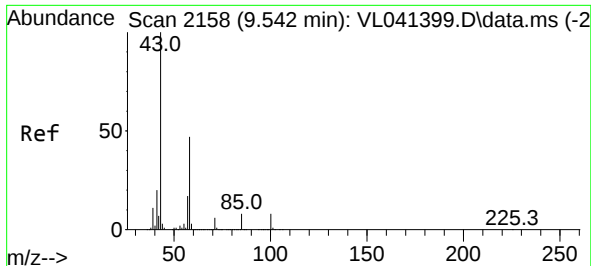
Tgt Ion: 43 Resp: 2258676

Ion Ratio Lower Upper

43 100

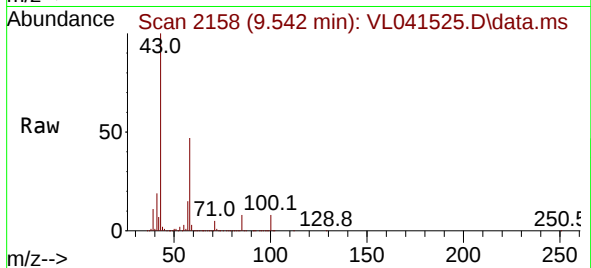
58 35.0 27.9 41.9





#51
2-Hexanone
Concen: 11.330 ppbv
RT: 9.542 min Scan# 2158
Delta R.T. -0.003 min
Lab File: VL041525.D
Acq: 8 Aug 2024 23:23

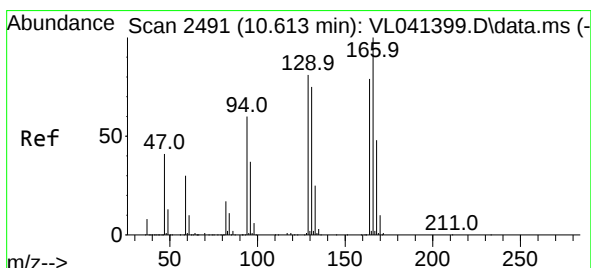
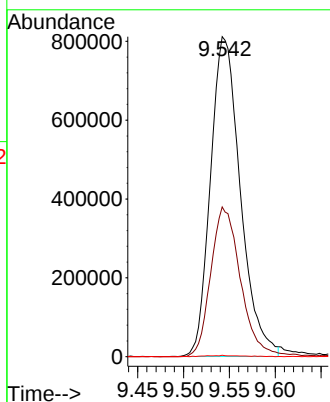
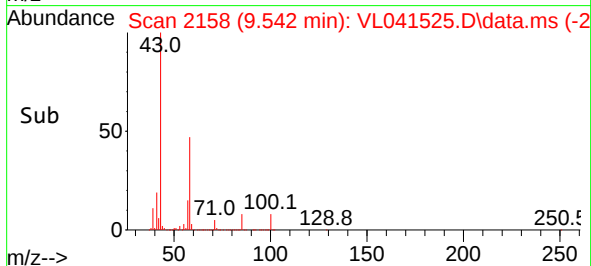
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC



Tgt Ion: 43 Resp: 183783
Ion Ratio Lower Upper
43 100
58 47.4 38.2 57.2
98 0.5 0.3 0.5

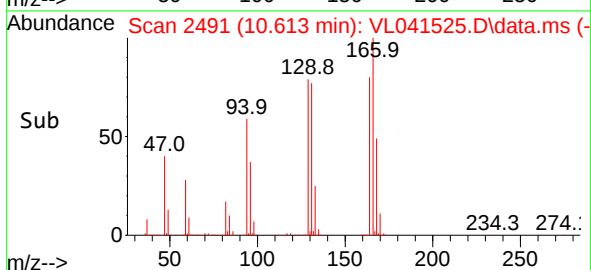
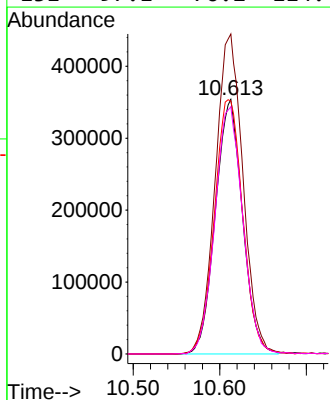
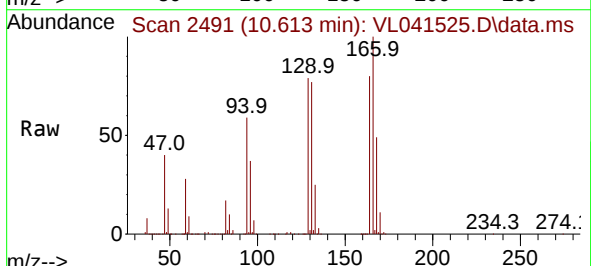
Manual Integrations
APPROVED

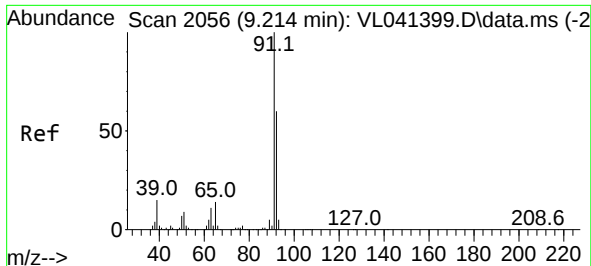
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#52
Tetrachloroethene
Concen: 9.678 ppbv
RT: 10.613 min Scan# 2491
Delta R.T. 0.000 min
Lab File: VL041525.D
Acq: 8 Aug 2024 23:23

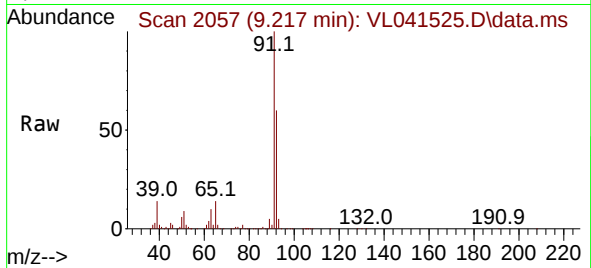
Tgt Ion:164 Resp: 768071
Ion Ratio Lower Upper
164 100
166 125.7 101.1 151.7
129 99.3 81.7 122.5
131 97.1 76.2 114.4





#53
Toluene
Concen: 10.404 ppbv
RT: 9.217 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VL041525.D
Acq: 8 Aug 2024 23:23

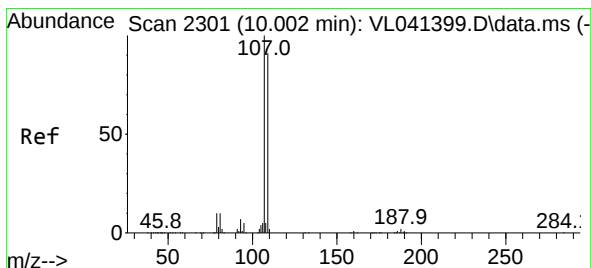
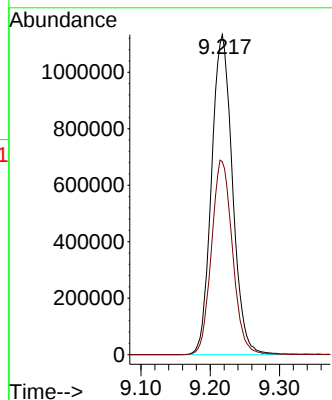
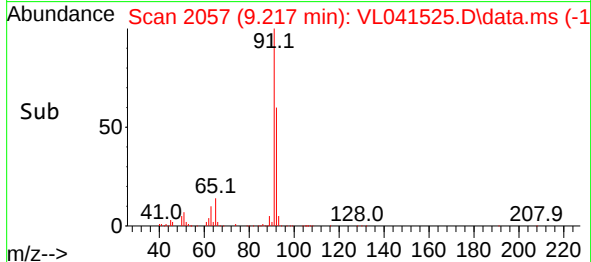
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



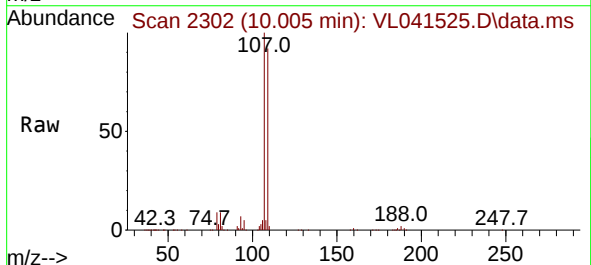
Tgt Ion: 91 Resp: 2380290
Ion Ratio Lower Upper
91 100
92 61.1 48.7 73.1

Manual Integrations
APPROVED

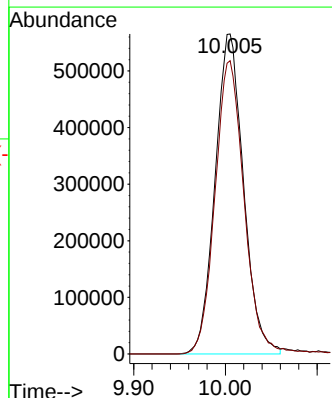
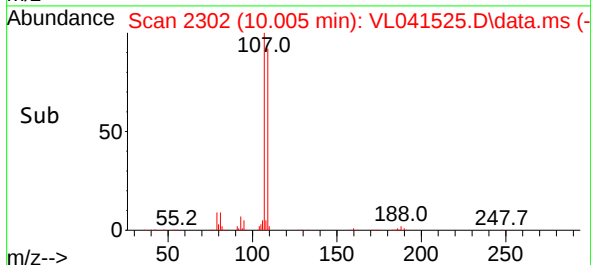
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024

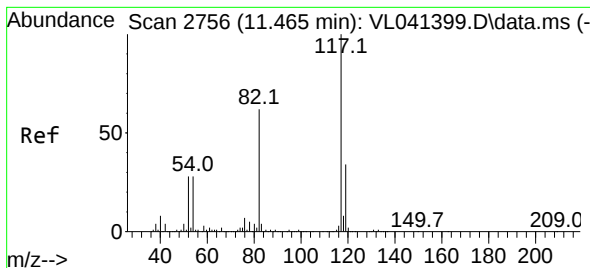


#54
1,2-Dibromoethane
Concen: 10.548 ppbv
RT: 10.005 min Scan# 2302
Delta R.T. 0.000 min
Lab File: VL041525.D
Acq: 8 Aug 2024 23:23



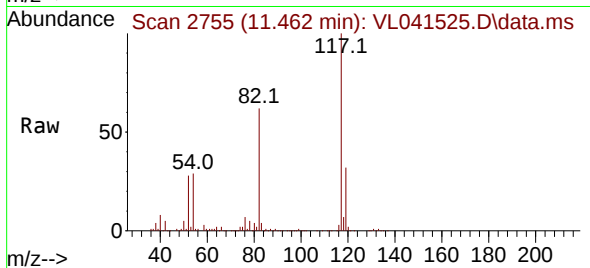
Tgt Ion:107 Resp: 1216973
Ion Ratio Lower Upper
107 100
109 91.6 72.7 109.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.462 min Scan# 2756
Delta R.T. 0.000 min
Lab File: VL041525.D
Acq: 8 Aug 2024 23:23

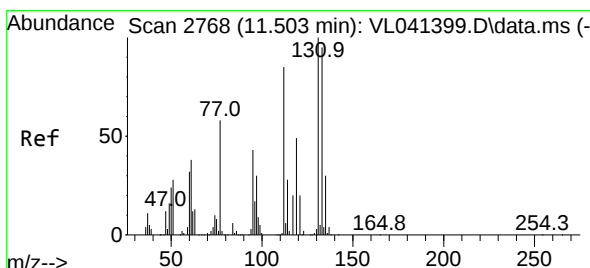
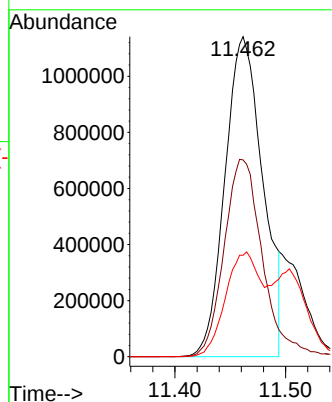
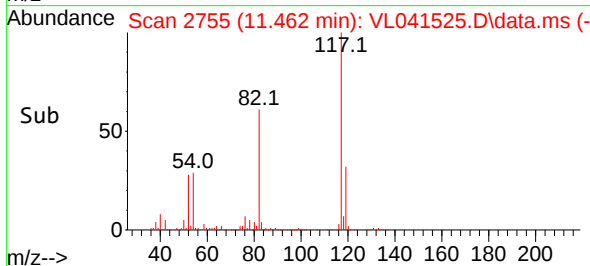
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:117 Resp: 271273
Ion Ratio Lower Upper
117 100
82 63.1 51.0 76.6
119 29.8 45.2 67.8

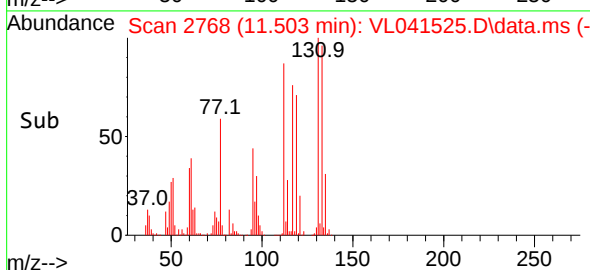
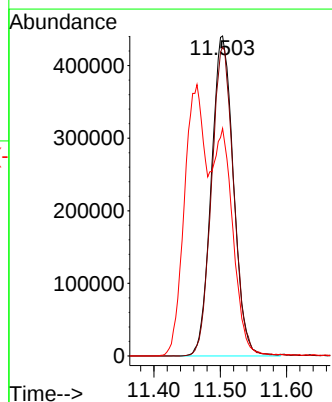
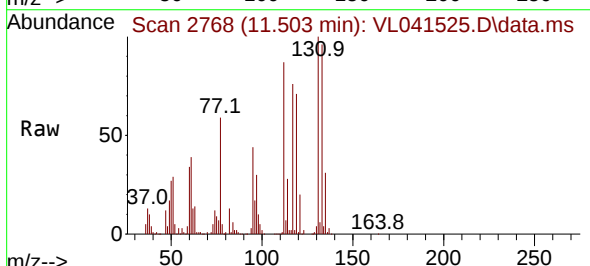
Manual Integrations
APPROVED

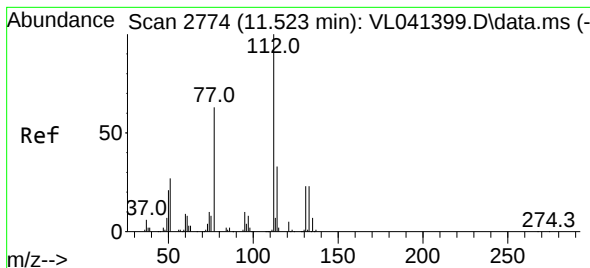
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#56
1,1,1,2-Tetrachloroethane
Concen: 9.741 ppbv
RT: 11.503 min Scan# 2768
Delta R.T. 0.000 min
Lab File: VL041525.D
Acq: 8 Aug 2024 23:23

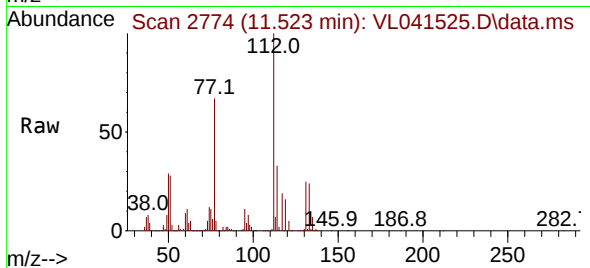
Tgt Ion:131 Resp: 1024758
Ion Ratio Lower Upper
131 100
133 96.7 77.0 115.4
119 59.0 121.5 182.3





#57
Chlorobenzene
Concen: 9.539 ppbv
RT: 11.523 min Scan# 211
Delta R.T. 0.003 min
Lab File: VL041525.D
Acq: 8 Aug 2024 23:23

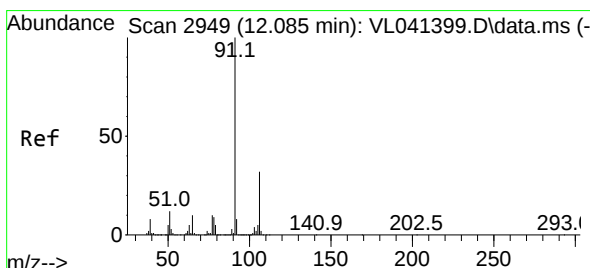
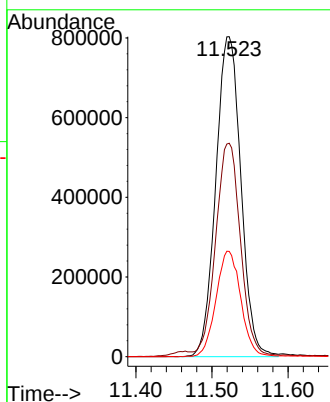
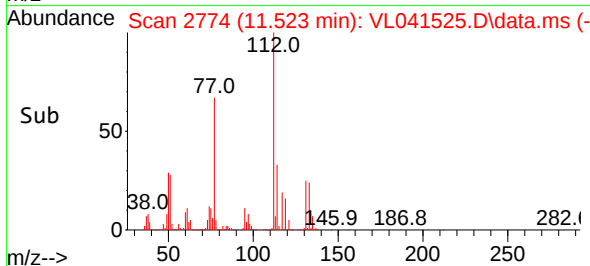
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



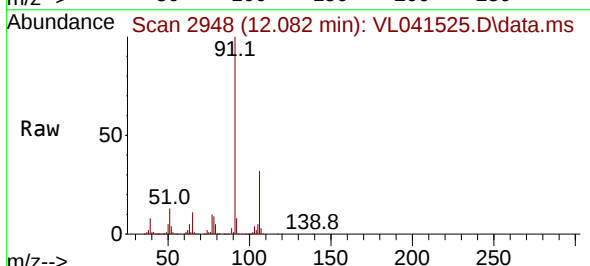
Tgt Ion: 112 Resp: 1842374
Ion Ratio Lower Upper
112 100
77 66.0 51.1 76.7
114 32.9 29.5 36.1

Manual Integrations
APPROVED

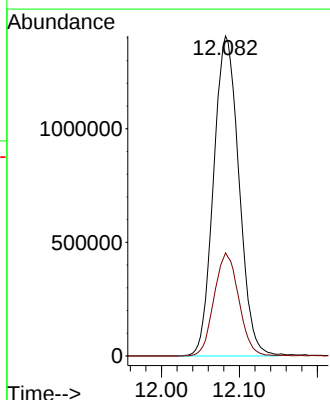
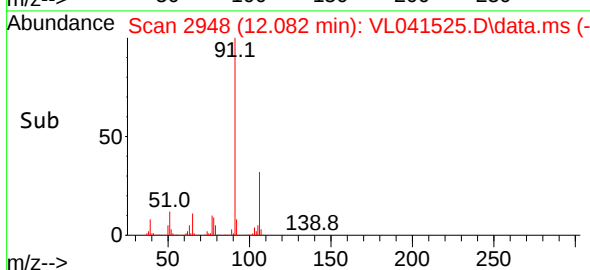
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024

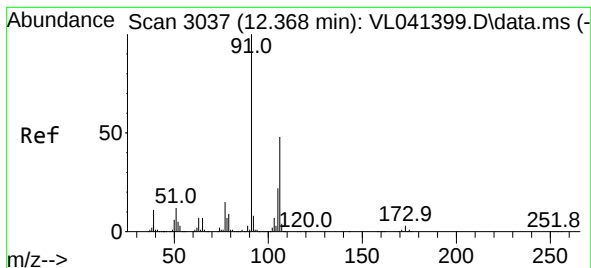


#58
Ethyl Benzene
Concen: 10.184 ppbv
RT: 12.082 min Scan# 2948
Delta R.T. -0.003 min
Lab File: VL041525.D
Acq: 8 Aug 2024 23:23



Tgt Ion: 91 Resp: 3184233
Ion Ratio Lower Upper
91 100
106 32.2 25.8 38.8





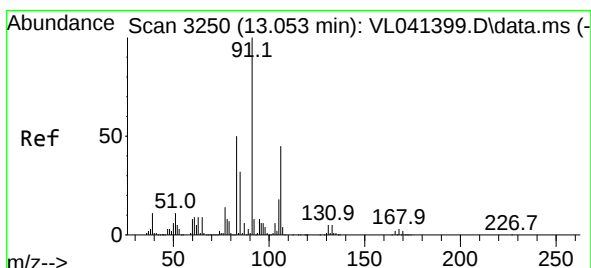
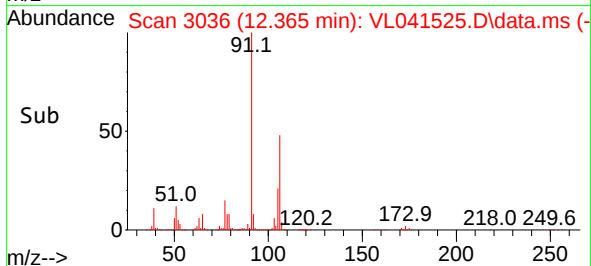
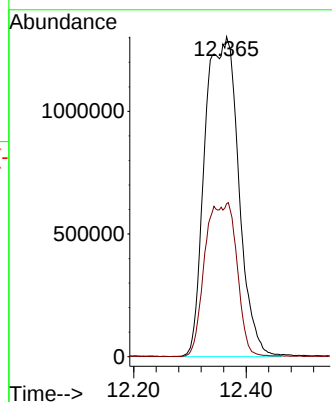
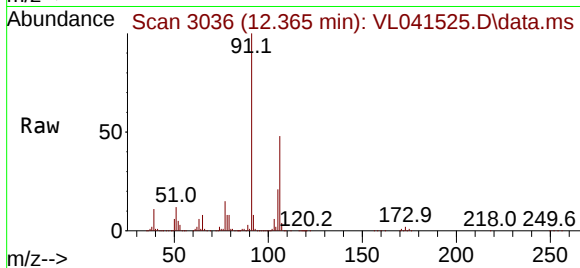
#59
m/p-Xylene
Concen: 20.069 ppbv m
RT: 12.365 min Scan# 3036
Delta R.T. -0.003 min
Lab File: VL041525.D
Acq: 8 Aug 2024 23:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 541693
Ion Ratio Lower Upper
91 100
106 45.6 36.3 54.5

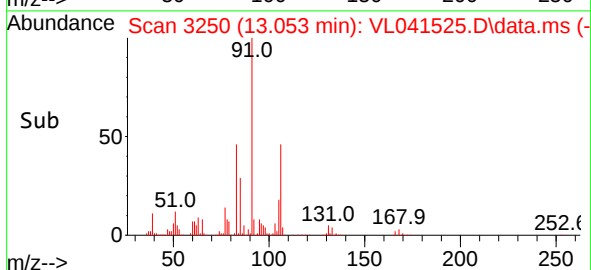
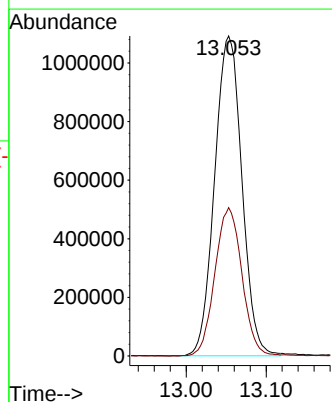
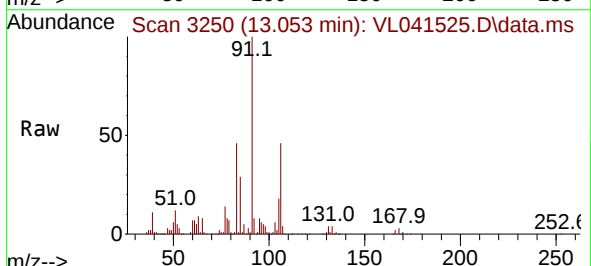
Manual Integrations
APPROVED

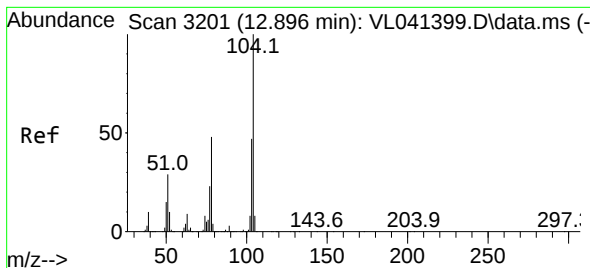
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#60
o-Xylene
Concen: 10.123 ppbv
RT: 13.053 min Scan# 3250
Delta R.T. 0.000 min
Lab File: VL041525.D
Acq: 8 Aug 2024 23:23

Tgt Ion: 91 Resp: 2584764
Ion Ratio Lower Upper
91 100
106 46.2 23.1 69.3





#61

Styrene

Concen: 10.964 ppbv

RT: 12.892 min Scan# 31

Delta R.T. 0.000 min

Lab File: VL041525.D

Acq: 8 Aug 2024 23:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

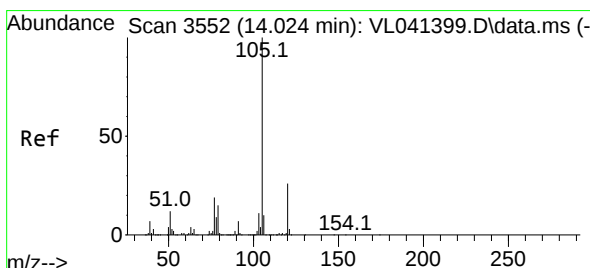
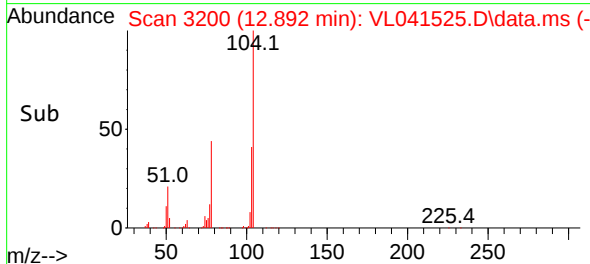
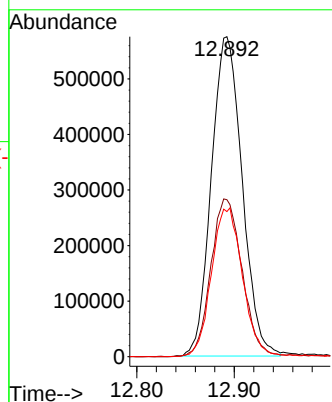
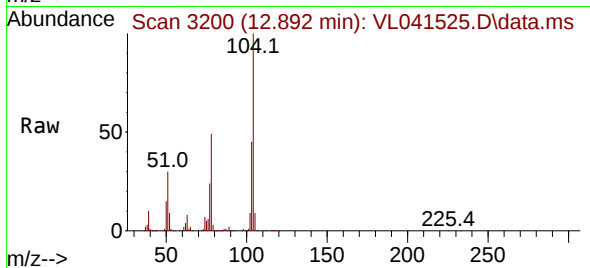
Tgt Ion:104 Resp: 126297

Ion	Ratio	Lower	Upper
104	100		
78	50.6	40.8	61.2
103	47.4	38.2	57.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#62

Isopropylbenzene

Concen: 9.722 ppbv

RT: 14.024 min Scan# 3552

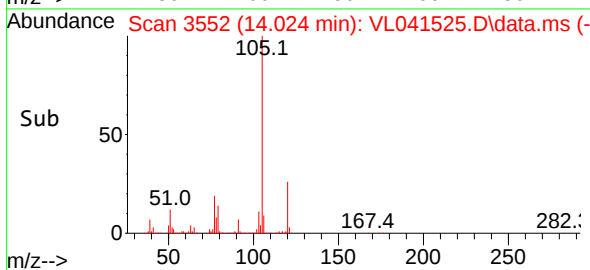
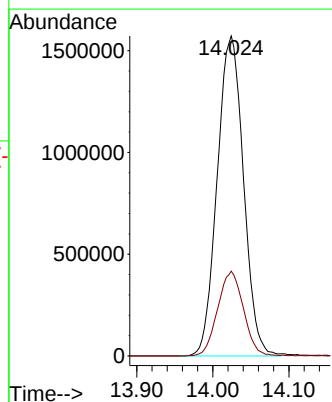
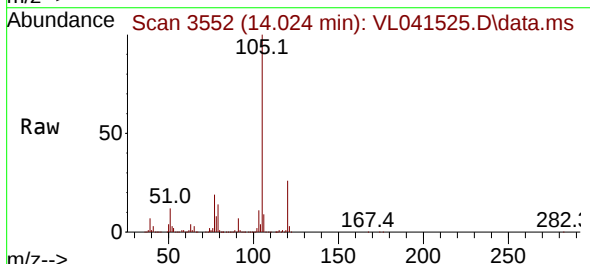
Delta R.T. 0.003 min

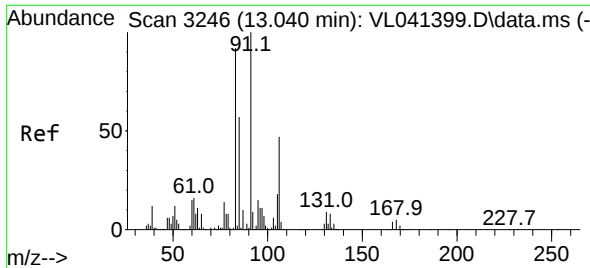
Lab File: VL041525.D

Acq: 8 Aug 2024 23:23

Tgt Ion:105 Resp: 3773757

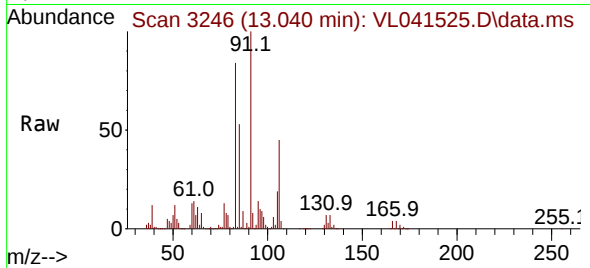
Ion	Ratio	Lower	Upper
105	100		
120	26.0	21.0	31.4





#63
1,1,2,2-Tetrachloroethane
Concen: 9.820 ppbv
RT: 13.040 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041525.D
Acq: 8 Aug 2024 23:23

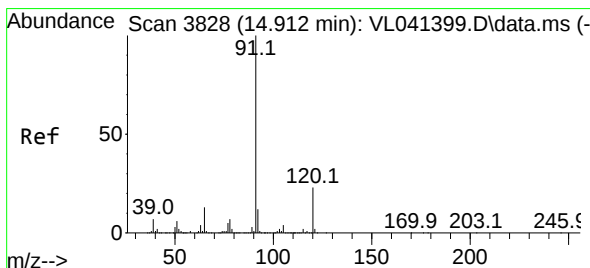
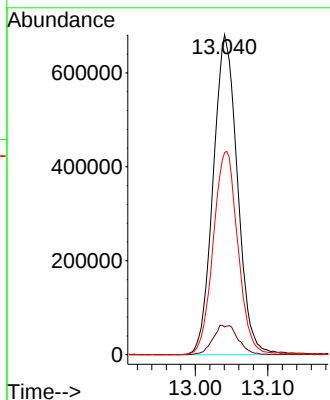
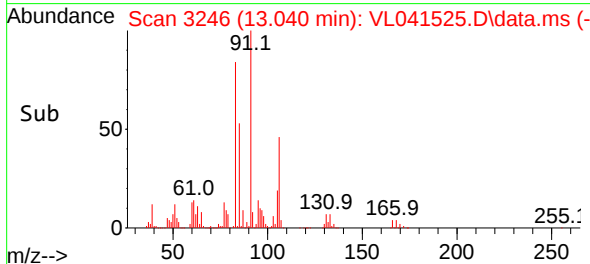
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



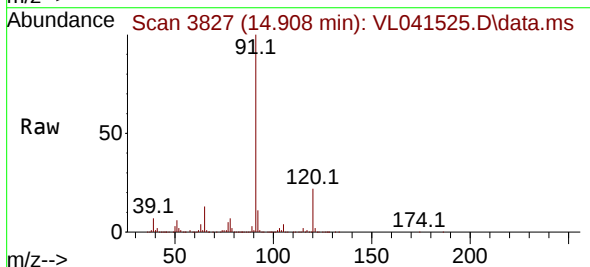
Tgt Ion: 83 Resp: 1583340
Ion Ratio Lower Upper
83 100
131 9.7 4.8 14.4
85 65.3 32.6 98.0

Manual Integrations
APPROVED

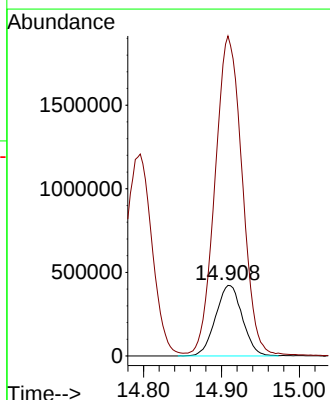
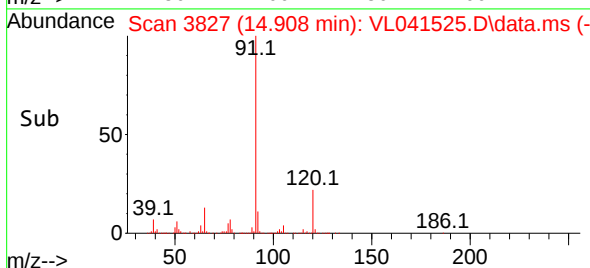
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024

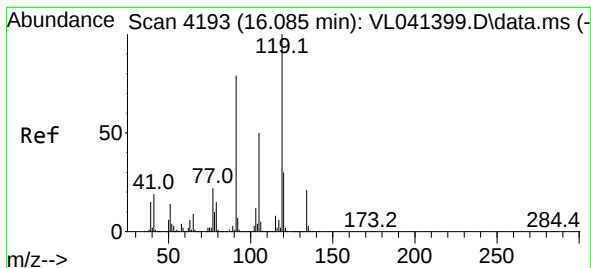


#64
n-propylbenzene
Concen: 9.920 ppbv
RT: 14.908 min Scan# 3827
Delta R.T. -0.003 min
Lab File: VL041525.D
Acq: 8 Aug 2024 23:23



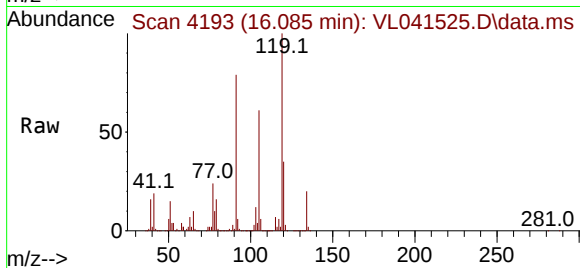
Tgt Ion:120 Resp: 1006700
Ion Ratio Lower Upper
120 100
91 463.0 361.4 542.0





#65
tert-Butylbenzene
Concen: 9.622 ppbv
RT: 16.085 min Scan# 4193
Delta R.T. 0.003 min
Lab File: VL041525.D
Acq: 8 Aug 2024 23:23

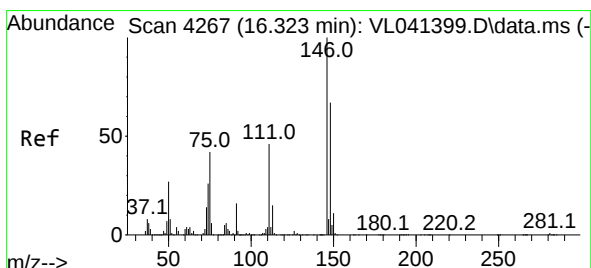
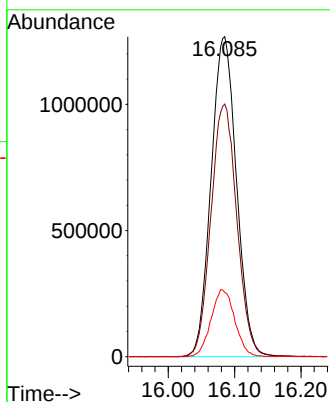
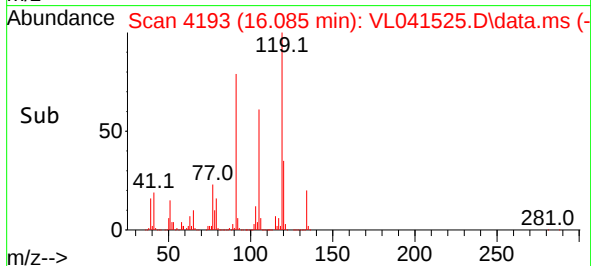
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



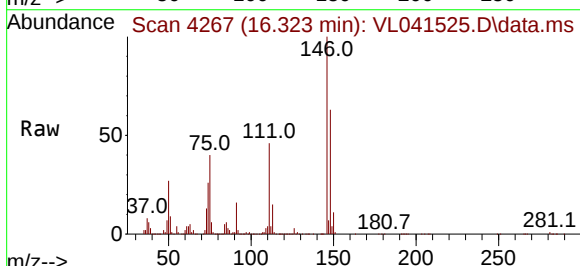
Tgt Ion: 119 Resp: 3373340
Ion Ratio Lower Upper
119 100
91 80.5 64.2 96.2
134 19.7 15.7 23.5

Manual Integrations
APPROVED

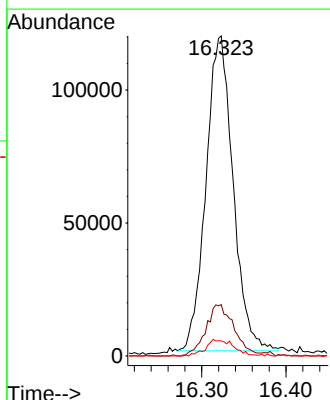
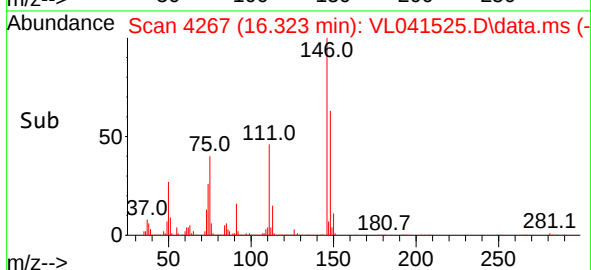
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024

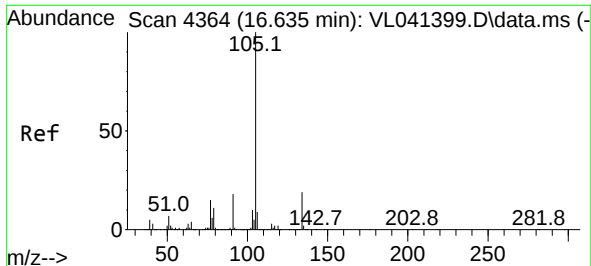


#66
Benzyl Chloride
Concen: 11.791 ppbv
RT: 16.323 min Scan# 4267
Delta R.T. 0.003 min
Lab File: VL041525.D
Acq: 8 Aug 2024 23:23



Tgt Ion: 91 Resp: 265144
Ion Ratio Lower Upper
91 100
126 17.5 13.8 20.8
128 5.3 4.4 6.6





#67

sec-Butylbenzene

Concen: 9.792 ppbv

RT: 16.629 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041525.D

Acq: 8 Aug 2024 23:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:105 Resp: 4730028

Ion Ratio Lower Upper

105 100

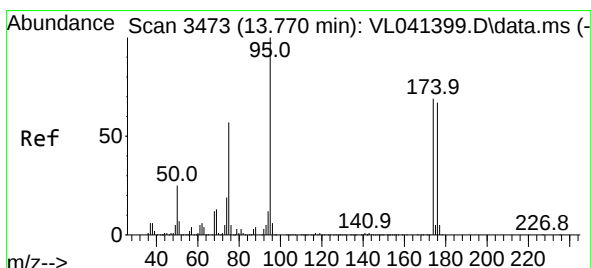
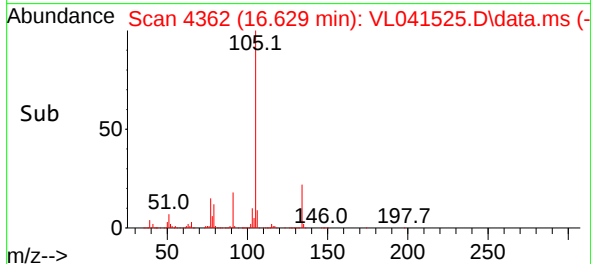
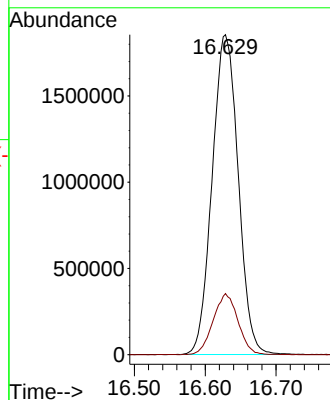
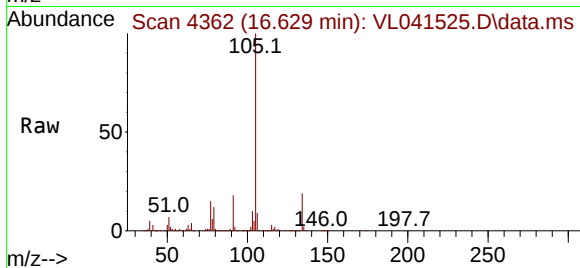
134 18.3 14.5 21.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/09/2024

Supervised By :Mahesh Dadoda 08/09/2024



#68

1-Bromo-4-Fluorobenzene

Concen: 10.014 ppbv

RT: 13.770 min Scan# 3473

Delta R.T. 0.003 min

Lab File: VL041525.D

Acq: 8 Aug 2024 23:23

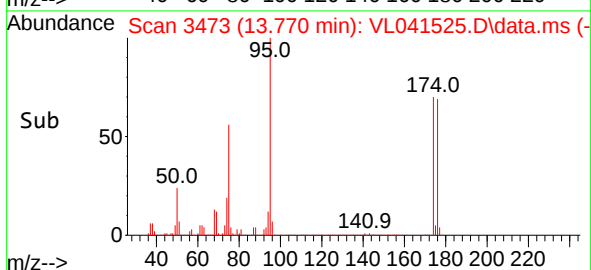
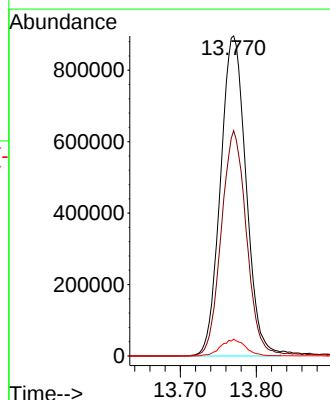
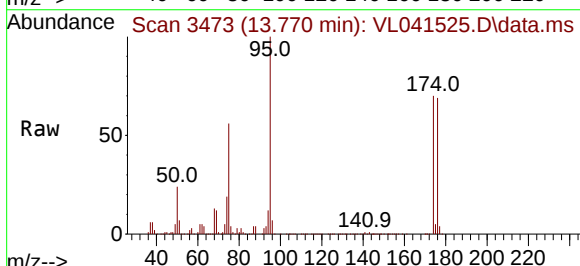
Tgt Ion: 95 Resp: 2090482

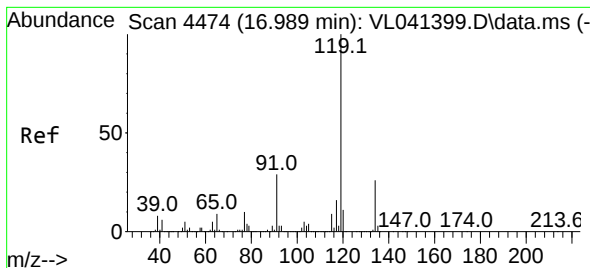
Ion Ratio Lower Upper

95 100

174 70.3 56.3 84.5

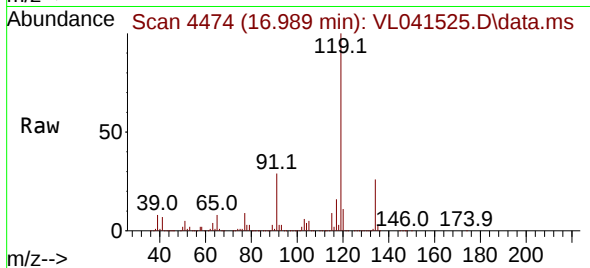
175 5.1 4.0 6.0





#69
p-Isopropyltoluene
Concen: 9.934 ppbv
RT: 16.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VL041525.D
Acq: 8 Aug 2024 23:23

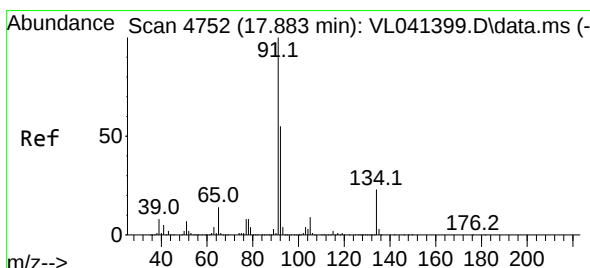
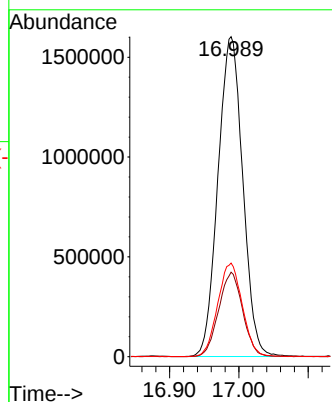
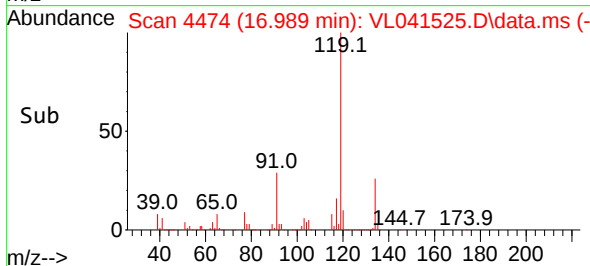
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



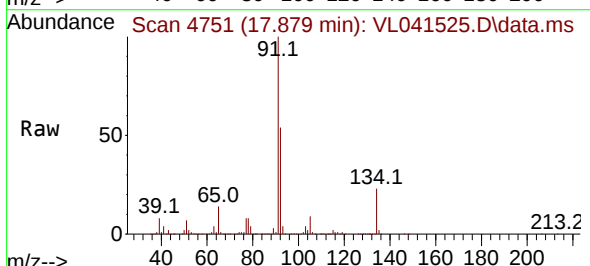
Tgt Ion:119 Resp: 3981759
Ion Ratio Lower Upper
119 100
134 25.7 20.5 30.7
91 28.9 23.2 34.8

Manual Integrations
APPROVED

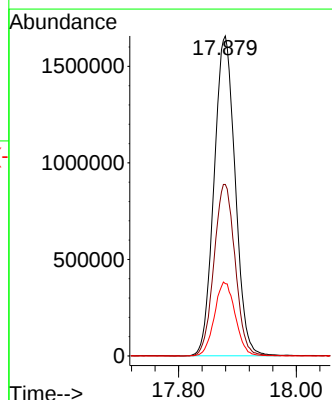
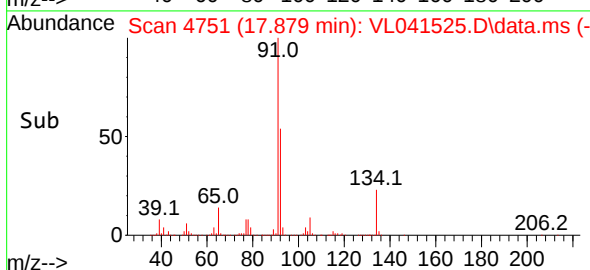
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024

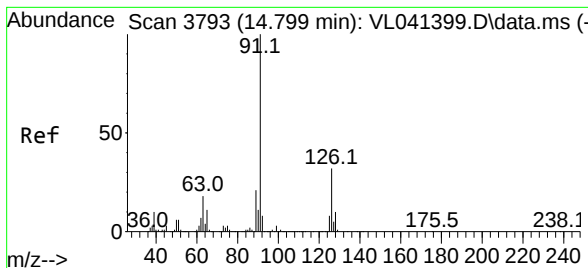


#70
n-Butylbenzene
Concen: 10.033 ppbv
RT: 17.879 min Scan# 4751
Delta R.T. 0.000 min
Lab File: VL041525.D
Acq: 8 Aug 2024 23:23



Tgt Ion: 91 Resp: 4122783
Ion Ratio Lower Upper
91 100
92 53.9 43.2 64.8
134 22.9 18.5 27.7





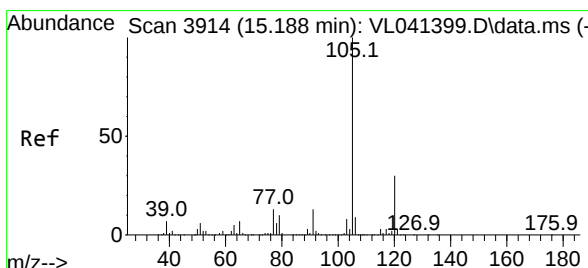
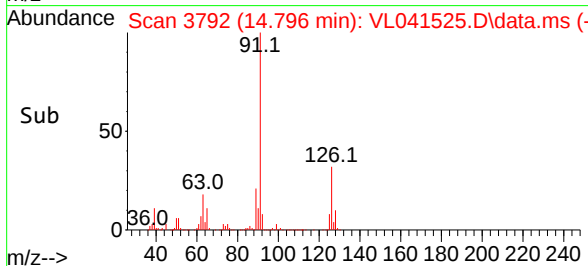
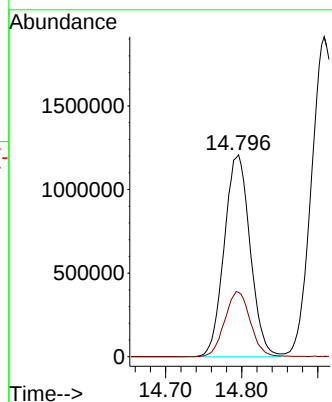
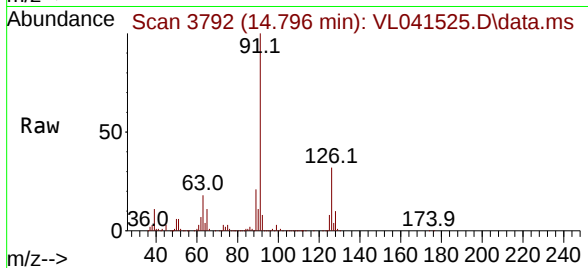
#71
2-Chlorotoluene
Concen: 9.977 ppbv
RT: 14.796 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL041525.D
Acq: 8 Aug 2024 23:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 2855879
Ion Ratio Lower Upper
91 100
126 31.9 12.7 50.9

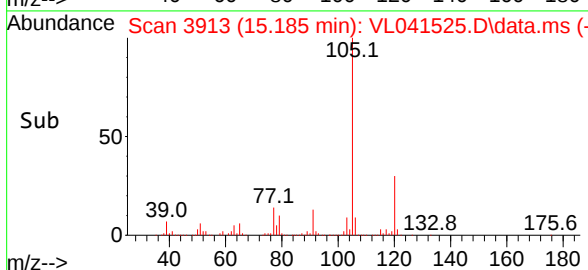
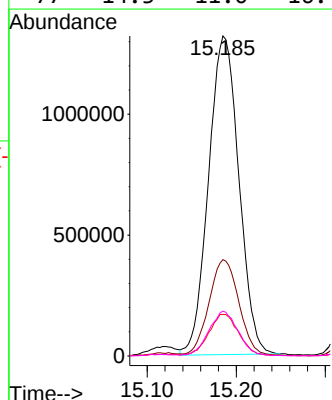
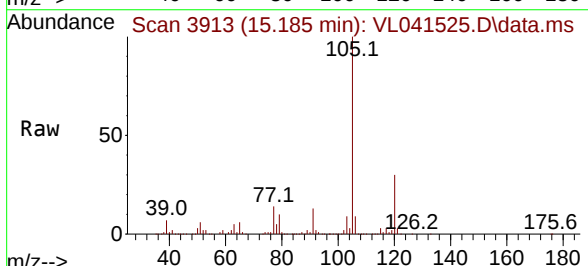
Manual Integrations
APPROVED

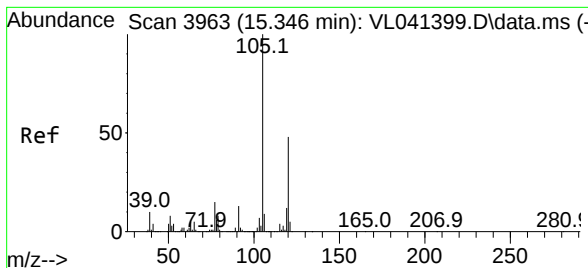
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#72
4-Ethyltoluene
Concen: 10.363 ppbv
RT: 15.185 min Scan# 3913
Delta R.T. -0.003 min
Lab File: VL041525.D
Acq: 8 Aug 2024 23:23

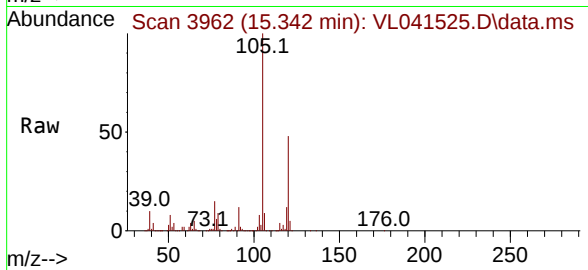
Tgt Ion:105 Resp: 3115203
Ion Ratio Lower Upper
105 100
120 30.3 24.2 36.2
91 13.6 10.4 15.6
77 14.3 11.0 16.4





#73
1,3,5-Trimethylbenzene
Concen: 10.305 ppbv
RT: 15.342 min Scan# 3963
Delta R.T. -0.003 min
Lab File: VL041525.D
Acq: 8 Aug 2024 23:23

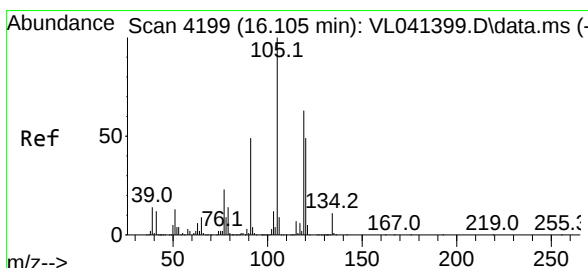
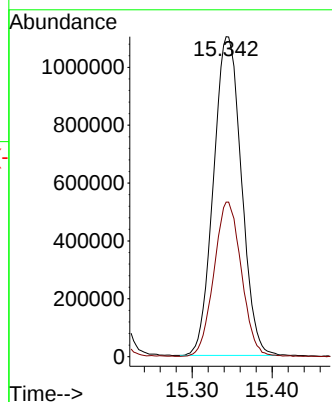
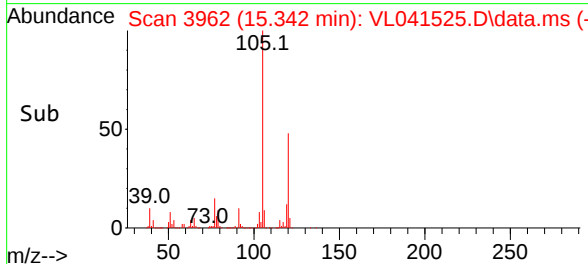
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



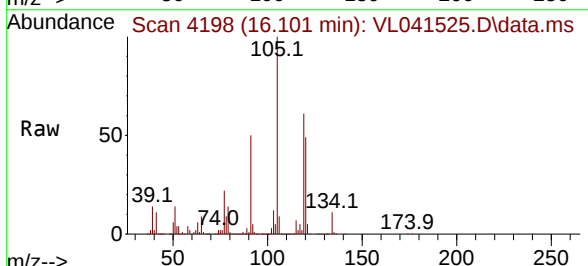
Tgt Ion:105 Resp: 266874
Ion Ratio Lower Upper
105 100
120 48.4 38.6 57.8

Manual Integrations
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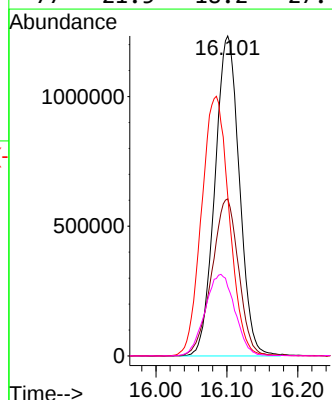
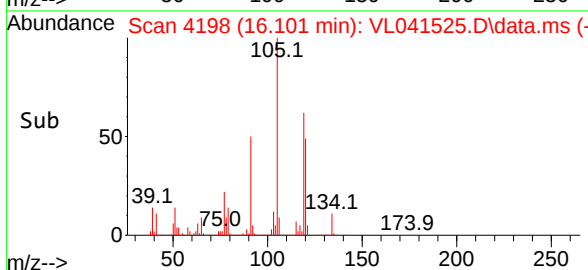
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024

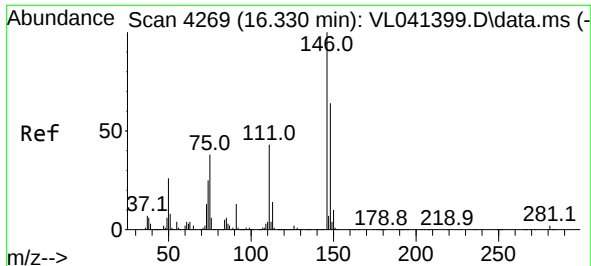


#74
1,2,4-Trimethylbenzene
Concen: 9.838 ppbv
RT: 16.101 min Scan# 4198
Delta R.T. 0.000 min
Lab File: VL041525.D
Acq: 8 Aug 2024 23:23



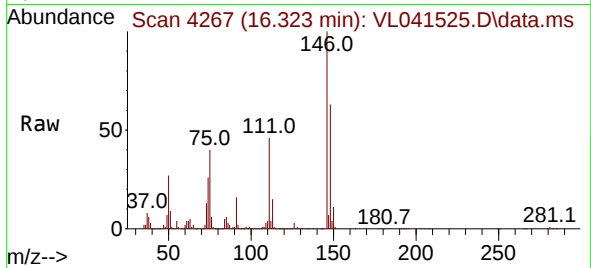
Tgt Ion:105 Resp: 2961905
Ion Ratio Lower Upper
105 100
120 49.0 39.5 59.3
91 50.0 39.8 59.8
77 21.5 18.2 27.4





#75
1,3-Dichlorobenzene
Concen: 9.692 ppbv
RT: 16.323 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL041525.D
Acq: 8 Aug 2024 23:23

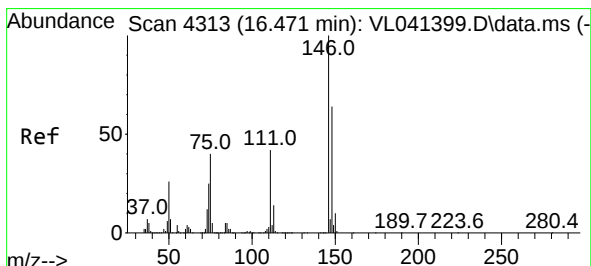
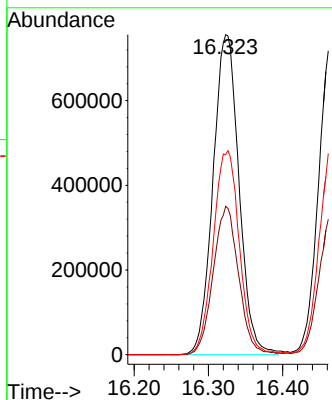
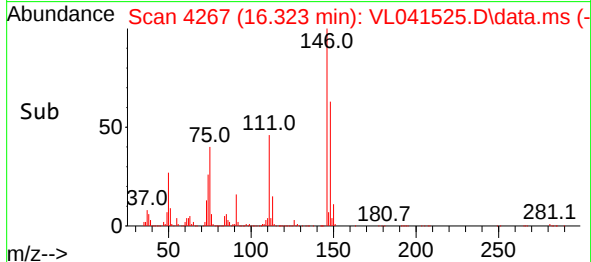
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



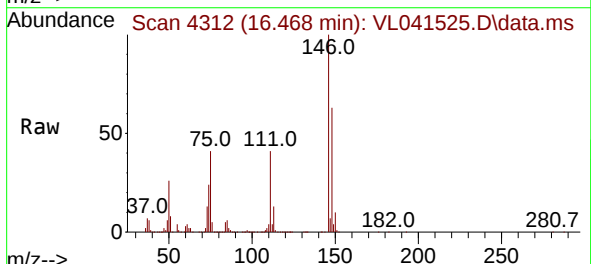
Tgt Ion:146 Resp: 183433
Ion Ratio Lower Upper
146 100
111 45.6 22.6 67.8
148 64.5 32.3 96.8

Manual Integrations
APPROVED

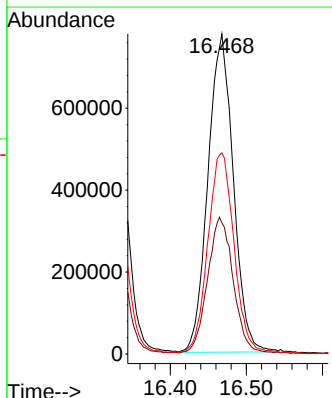
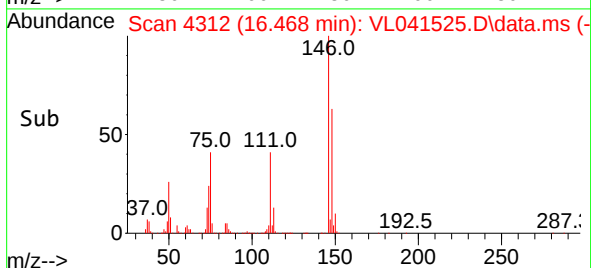
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024

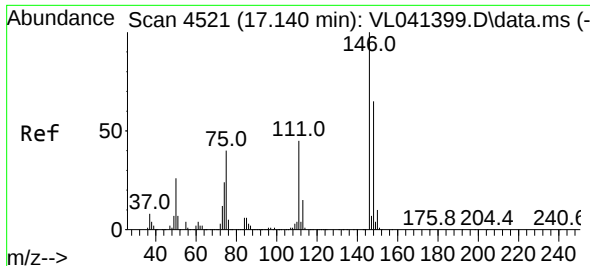


#76
1,4-Dichlorobenzene
Concen: 9.814 ppbv
RT: 16.468 min Scan# 4312
Delta R.T. 0.003 min
Lab File: VL041525.D
Acq: 8 Aug 2024 23:23



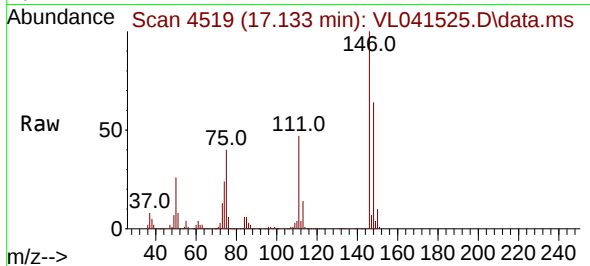
Tgt Ion:146 Resp: 1798524
Ion Ratio Lower Upper
146 100
111 44.1 22.4 67.0
148 66.1 33.1 99.5





#77
1,2-Dichlorobenzene
Concen: 9.525 ppbv
RT: 17.133 min Scan# 4519
Delta R.T. -0.003 min
Lab File: VL041525.D
Acq: 8 Aug 2024 23:23

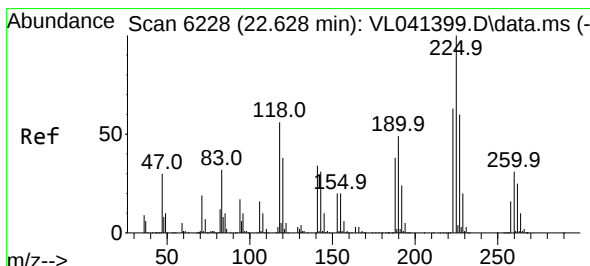
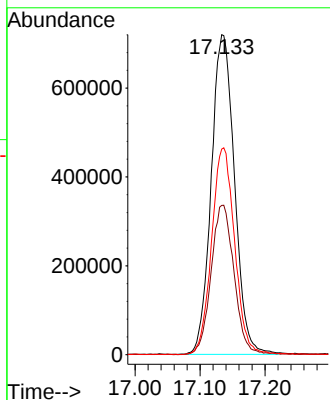
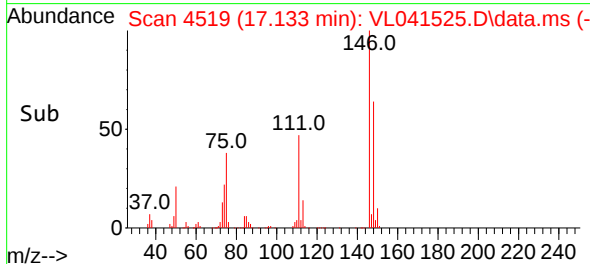
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



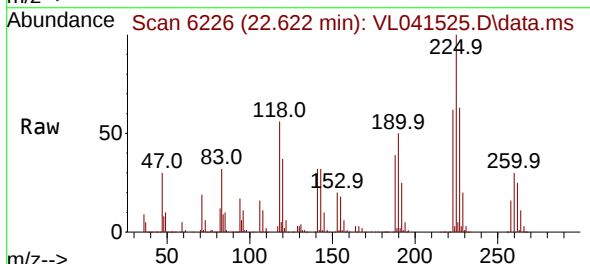
Tgt Ion:146 Resp: 1787070
Ion Ratio Lower Upper
146 100
111 46.8 23.4 70.0
148 64.2 32.2 96.6

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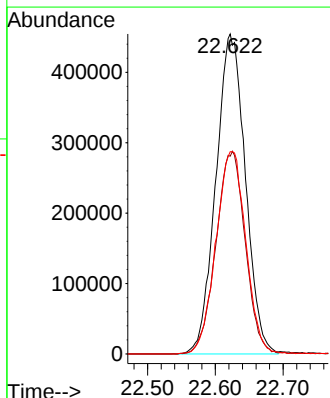
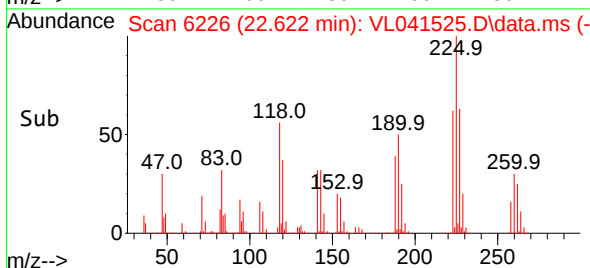
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024

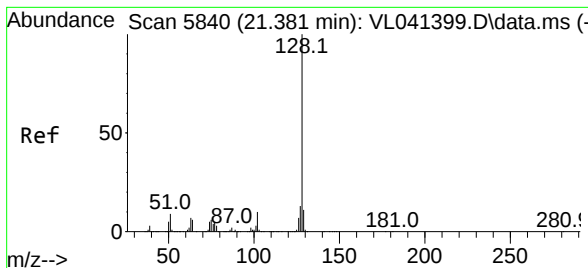


#78
Hexachloro-1,3-Butadiene
Concen: 8.574 ppbv
RT: 22.622 min Scan# 6226
Delta R.T. 0.000 min
Lab File: VL041525.D
Acq: 8 Aug 2024 23:23



Tgt Ion:225 Resp: 1371775
Ion Ratio Lower Upper
225 100
223 63.2 50.6 76.0
227 64.3 50.8 76.2





#79

Naphthalene

Concen: 11.430 ppbv

RT: 21.371 min Scan# 5837

Delta R.T. 0.000 min

Lab File: VL041525.D

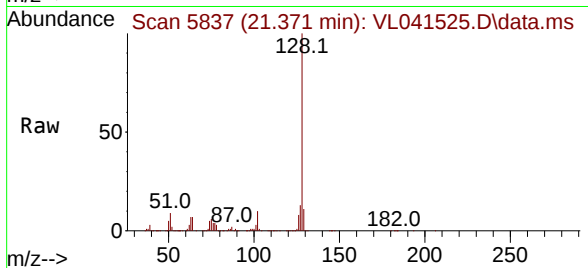
Acq: 8 Aug 2024 23:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion:128 Resp: 303744

Ion Ratio Lower Upper

128 100

127 13.4 10.3 15.5

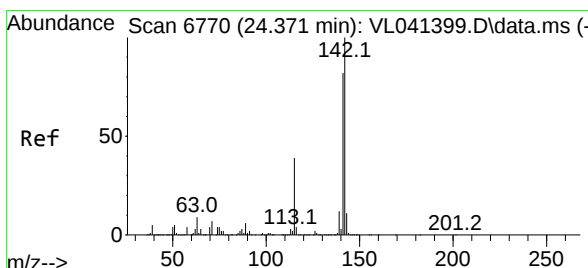
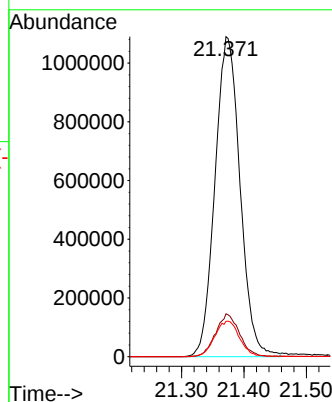
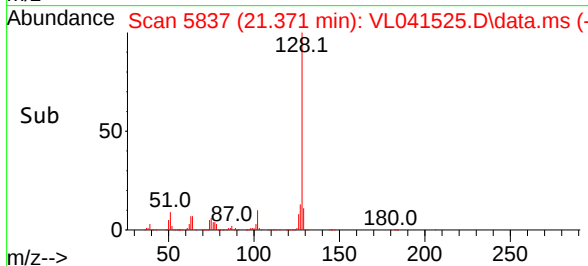
129 11.1 9.0 13.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/09/2024

Supervised By :Mahesh Dadoda 08/09/2024



#80

Naphthalene,2-methyl-

Concen: 10.063 ppbv

RT: 24.365 min Scan# 6768

Delta R.T. 0.003 min

Lab File: VL041525.D

Acq: 8 Aug 2024 23:23

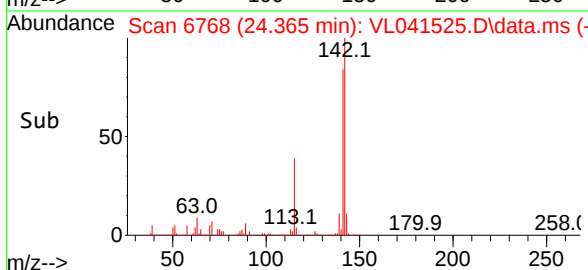
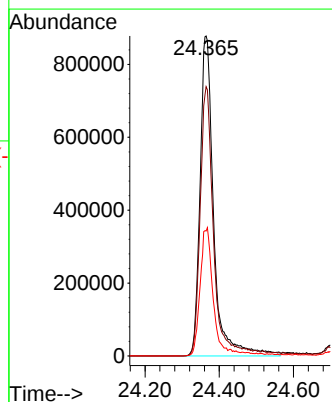
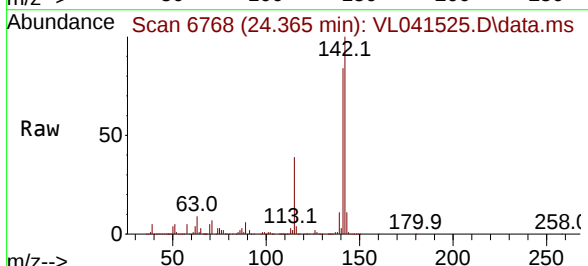
Tgt Ion:142 Resp: 2241512

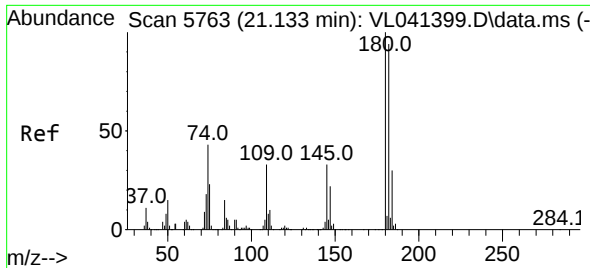
Ion Ratio Lower Upper

142 100

141 84.9 67.0 100.4

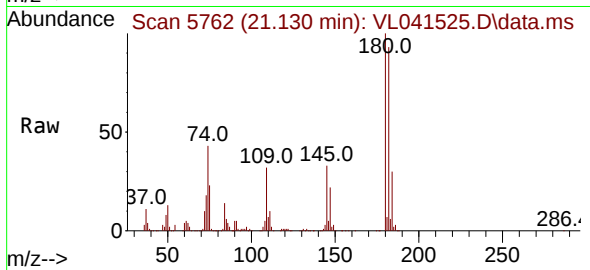
115 40.2 32.2 48.2





#81
 1,2,4-Trichlorobenzene
 Concen: 10.205 ppbv
 RT: 21.130 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VL041525.D
 Acq: 8 Aug 2024 23:23

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:180 Resp: 1613809
 Ion Ratio Lower Upper
 180 100
 182 94.6 76.7 115.1
 184 30.8 24.5 36.7

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/09/2024
 Supervised By :Mahesh Dadoda 08/09/2024

