

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082224\
 Data File : VL041578.D
 Acq On : 22 Aug 2024 8:12
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/23/2024
 Supervised By :Mahesh Dadoda 08/23/2024

Quant Time: Aug 23 01:27:27 2024

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 23 01:27:27 2024

QLast Update : Fri Aug 23 01:15:26 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.192	49	959694	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	2578849	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.455	117	2607271m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.764 95 1952454 9.731 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 97.300%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.745	85	1255273	7.603	ppbv	99
3) Chlorodifluoromethane	2.690	51	978504	8.565	ppbv	99
4) Chloromethane	2.825	50	520493	8.566	ppbv	100
5) Vinyl Chloride	2.931	62	523629	8.743	ppbv	99
6) Bromomethane	3.131	94	220666	7.168	ppbv	89
7) Chloroethane	3.208	64	182039	8.807	ppbv	99
8) Dichlorotetrafluoroethane	2.870	85	1232934	8.428	ppbv	99
9) Propene	2.710	41	442316	8.428	ppbv	98
10) Heptane	7.574	43	1118652	9.486	ppbv	99
11) Trichlorofluoromethane	3.571	101	1218476	8.310	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.073	101	918343	8.698	ppbv	99
13) Ethanol	3.263	45	33820m	7.210	ppbv	
14) Bromoethene	3.375	108	355777	8.643	ppbv	98
15) Acetone	3.478	43	935862	8.583	ppbv	99
16) 1,3-Butadiene	2.996	39	505470	8.676	ppbv	99
17) tert-Butyl alcohol	3.883	59	951717	9.570	ppbv	99
18) 1,1-Dichloroethene	3.886	96	409850	9.075	ppbv	100
19) Isopropyl Alcohol	3.584	45	572882	8.987	ppbv #	96
20) Methylene Chloride	3.938	84	326647	8.033	ppbv	96
21) Allyl Chloride	4.002	41	626128	8.756	ppbv	98
22) trans-1,2-Dichloroethene	4.449	96	406561	9.003	ppbv	98
23) Vinyl Acetate	4.629	43	679457	8.159	ppbv #	98
24) 1,1-Dichloroethane	4.568	63	894809	9.126	ppbv	99
25) Ethyl Acetate	5.205	43	2004286	9.252	ppbv	99
26) Hexane	5.214	57	813991	9.058	ppbv	97
27) Carbon Disulfide	4.131	76	927236	8.820	ppbv	100
28) Methyl tert-Butyl Ether	4.587	73	481623	8.499	ppbv	98
29) Chloroform	5.272	83	1290837	8.807	ppbv	97
30) Cyclohexane	6.597	84	693311	9.474	ppbv	99
31) cis-1,2-Dichloroethene	5.079	61	777184	8.755	ppbv	100
32) 1,1,1-Trichloroethane	6.002	97	1249830	8.760	ppbv	99
34) 2-Butanone	4.787	43	1125640	9.023	ppbv	100
35) Carbon Tetrachloride	6.491	117	1312241	9.226	ppbv	98
36) Benzene	6.369	78	1740518	9.237	ppbv	99
37) 1,2-Dichloroethane	5.806	62	977454	9.268	ppbv	100
38) Trichloroethene	7.285	130	848446	9.828	ppbv	98
39) 1,2-Dichloropropane	7.069	63	678564	9.406	ppbv	97
40) 1,4-Dioxane	7.282	88	270698	9.341	ppbv	83
41) Tetrahydrofuran	5.558	42	705576	9.889	ppbv	98
42) Bromodichloromethane	7.243	83	1392464	9.144	ppbv	99
43) Methyl Methacrylate	7.468	69	686671	10.162	ppbv	98
44) 2,2,4-Trimethylpentane	7.320	57	2981605	9.474	ppbv	100
45) t-1,3-Dichloropropene	8.703	75	550028	8.844	ppbv	94

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Manual Integrations
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Quant Time: Aug 23 01:27:27 2024

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

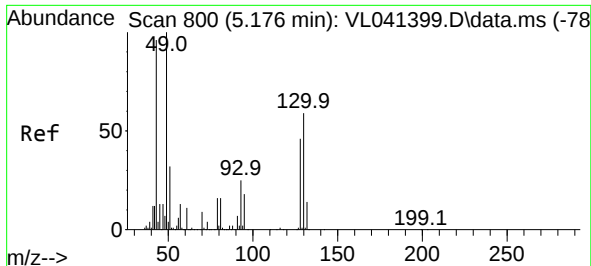
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 23 01:27:27 2024

QLast Update : Fri Aug 23 01:15:26 2024

Response via : Initial Calibration

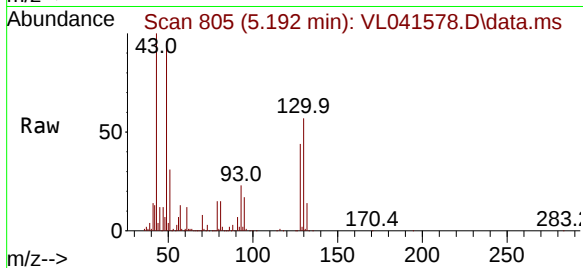
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.137	75	775442	8.634	ppbv	96
47) 1,1,2-Trichloroethane	8.889	97	747560	9.401	ppbv	97
48) Dibromochloromethane	9.703	129	1222551	9.543	ppbv	100
49) Bromoform	12.397	173	1153004	10.655	ppbv	100
50) 4-Methyl-2-Pentanone	8.172	43	1980430	10.062	ppbv	99
51) 2-Hexanone	9.539	43	1589662	10.682	ppbv #	97
52) Tetrachloroethene	10.606	164	665752	9.143	ppbv	99
53) Toluene	9.211	91	2051709	9.775	ppbv	100
54) 1,2-Dibromoethane	9.999	107	1014769	9.587	ppbv	97
56) 1,1,1,2-Tetrachloroethane	11.497	131	919797	9.097	ppbv #	56
57) Chlorobenzene	11.516	112	1664457	8.966	ppbv	99
58) Ethyl Benzene	12.076	91	2847394	9.475	ppbv	100
59) m/p-Xylene	12.359	91	4932055m	19.012	ppbv	
60) o-Xylene	13.047	91	2409614	9.819	ppbv	99
61) Styrene	12.883	104	1154847	10.431	ppbv	98
62) Isopropylbenzene	14.015	105	3530699	9.464	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.034	83	1463446	9.444	ppbv	99
64) n-propylbenzene	14.902	120	960147	9.844	ppbv	95
65) tert-Butylbenzene	16.076	119	3341191	9.915	ppbv	100
66) Benzyl Chloride	16.317	91	205433	9.505	ppbv	98
67) sec-Butylbenzene	16.622	105	4743225	10.217	ppbv	100
69) p-Isopropyltoluene	16.982	119	4053997	10.523	ppbv	100
70) n-Butylbenzene	17.873	91	4290563	10.864	ppbv	100
71) 2-Chlorotoluene	14.786	91	2768757	10.064	ppbv	100
72) 4-Ethyltoluene	15.178	105	3006316	10.405	ppbv	99
73) 1,3,5-Trimethylbenzene	15.336	105	2624356	10.544	ppbv	100
74) 1,2,4-Trimethylbenzene	16.095	105	2993401	10.345	ppbv	97
75) 1,3-Dichlorobenzene	16.320	146	1894241	10.414	ppbv	99
76) 1,4-Dichlorobenzene	16.458	146	1849892	10.503	ppbv	98
77) 1,2-Dichlorobenzene	17.127	146	1891671	10.490	ppbv	100
78) Hexachloro-1,3-Butadiene	22.622	225	1498523m	9.745	ppbv	
79) Naphthalene	21.368	128	3303813	12.935	ppbv	99
80) Naphthalene,2-methyl-	24.365	142	1377262	6.433	ppbv	100
81) 1,2,4-Trichlorobenzene	21.124	180	1709937	11.250	ppbv	98

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 80
Delta R.T. -0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12

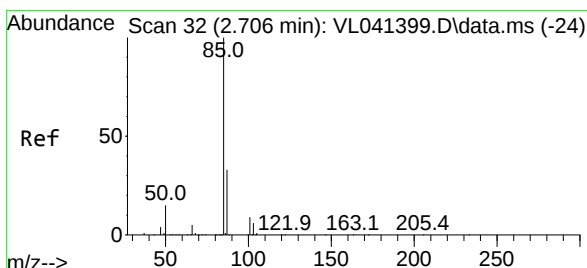
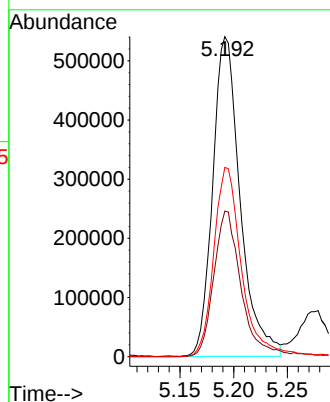
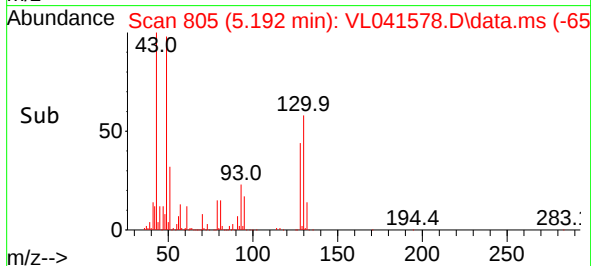
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



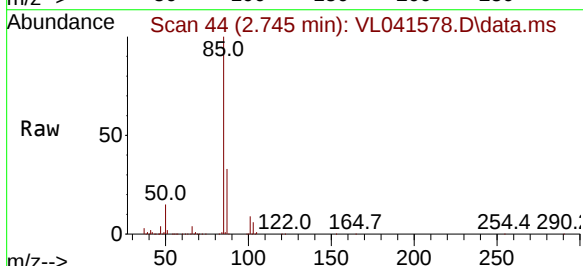
Tgt Ion: 49 Resp: 959694
Ion Ratio Lower Upper
49 100
128 46.4 23.8 71.4
130 60.9 30.8 92.4

Manual Integrations
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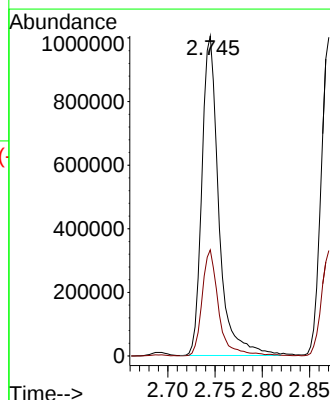
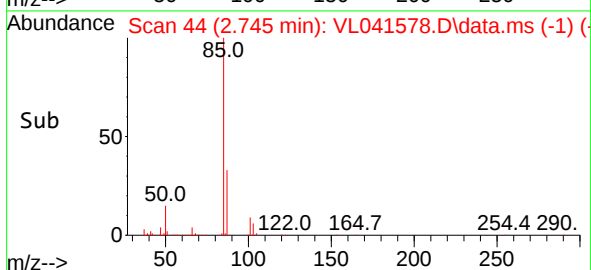
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024

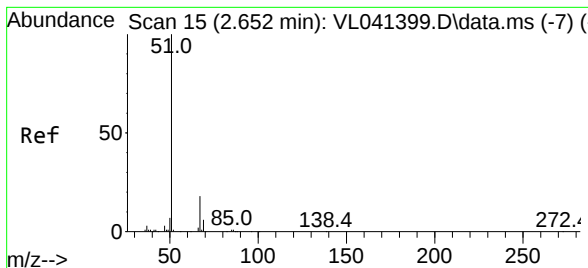


#2
Dichlorodifluoromethane
Concen: 7.603 ppbv
RT: 2.745 min Scan# 44
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12



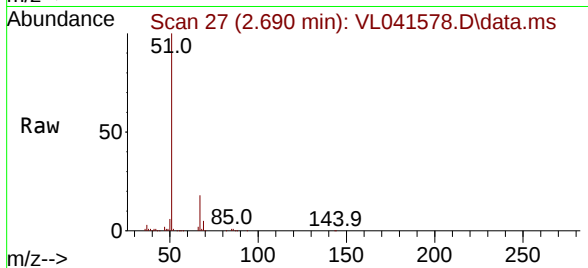
Tgt Ion: 85 Resp: 1255273
Ion Ratio Lower Upper
85 100
87 33.1 26.0 39.0





#3
Chlorodifluoromethane
Concen: 8.565 ppbv
RT: 2.690 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12

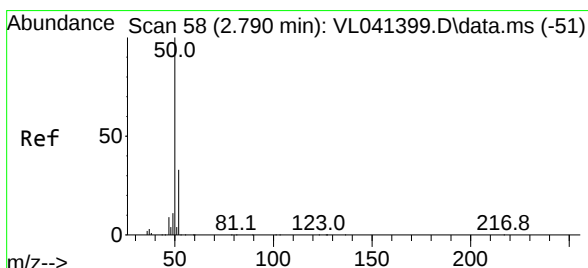
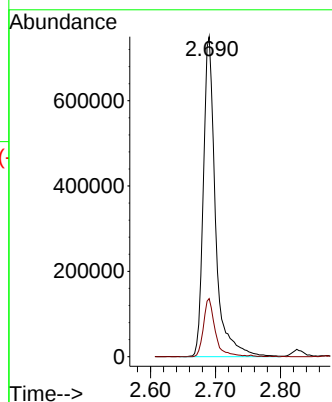
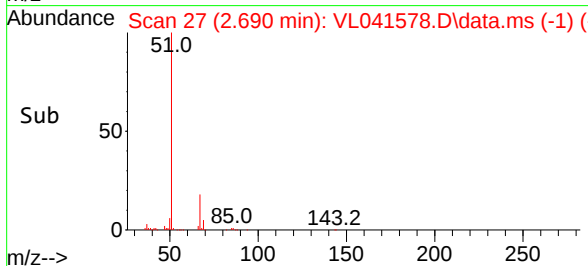
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 51 Resp: 978504
Ion Ratio Lower Upper
51 100
67 17.8 14.5 21.7

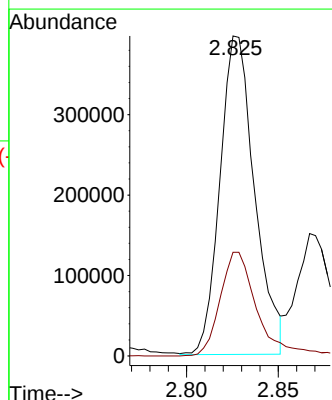
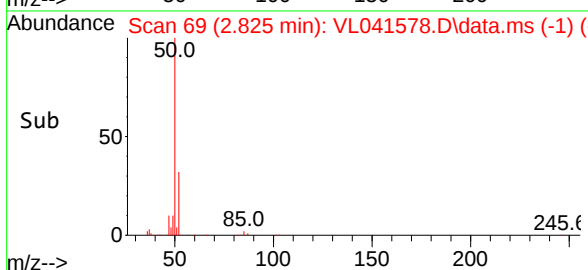
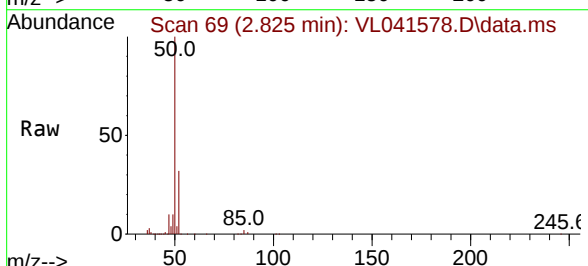
Manual Integrations
APPROVED

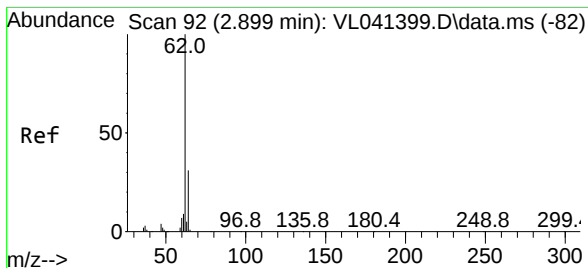
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#4
Chloromethane
Concen: 8.566 ppbv
RT: 2.825 min Scan# 69
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12

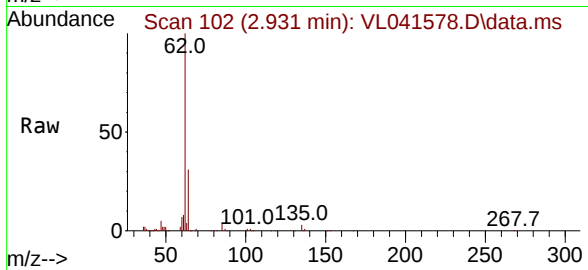
Tgt Ion: 50 Resp: 520493
Ion Ratio Lower Upper
50 100
52 32.6 26.1 39.1





#5
 Vinyl Chloride
 Concen: 8.743 ppbv
 RT: 2.931 min Scan# 102
 Delta R.T. 0.000 min
 Lab File: VL041578.D
 Acq: 22 Aug 2024 8:12

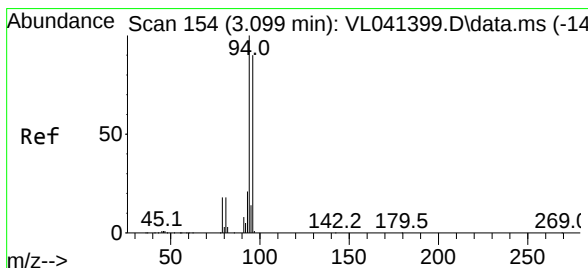
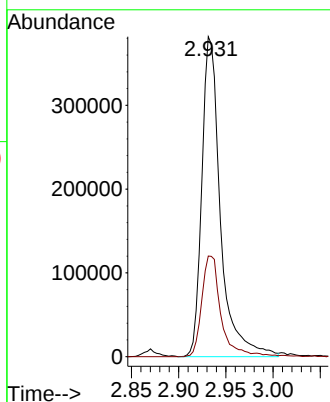
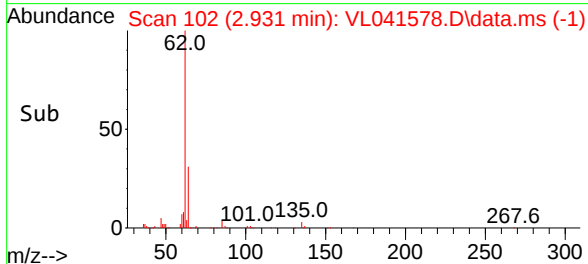
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



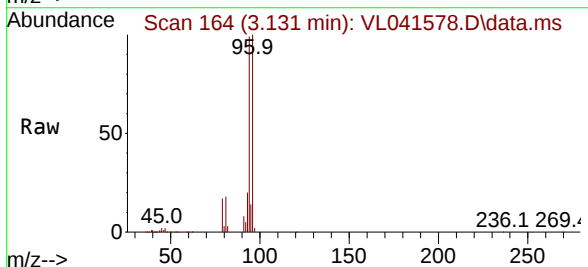
Tgt Ion: 62 Resp: 523629
 Ion Ratio Lower Upper
 62 100
 64 31.5 25.0 37.4

Manual Integrations
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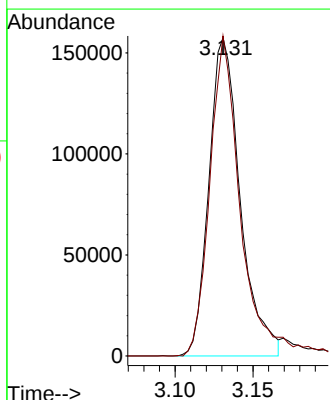
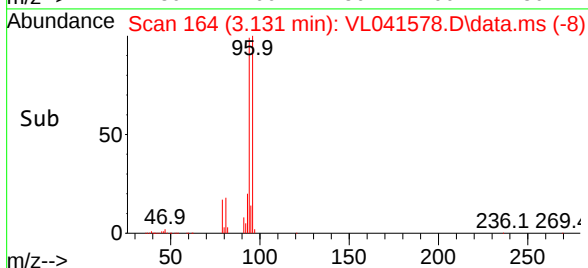
Reviewed By :Semsettin Yesilyurt 08/23/2024
 Supervised By :Mahesh Dadoda 08/23/2024

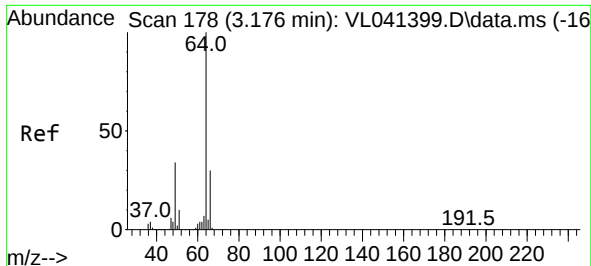


#6
 Bromomethane
 Concen: 7.168 ppbv
 RT: 3.131 min Scan# 164
 Delta R.T. 0.000 min
 Lab File: VL041578.D
 Acq: 22 Aug 2024 8:12



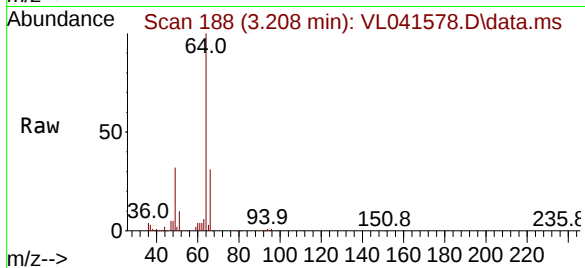
Tgt Ion: 94 Resp: 220666
 Ion Ratio Lower Upper
 94 100
 96 100.4 72.3 108.5





#7
Chloroethane
Concen: 8.807 ppbv
RT: 3.208 min Scan# 188
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12

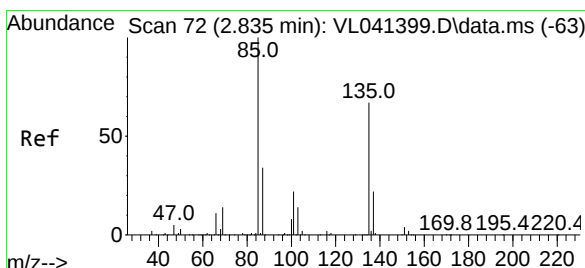
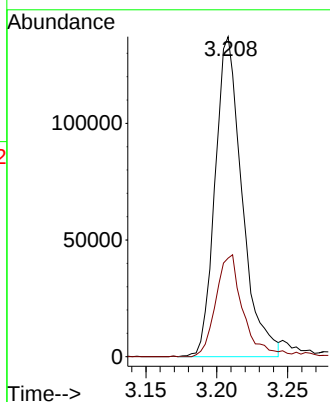
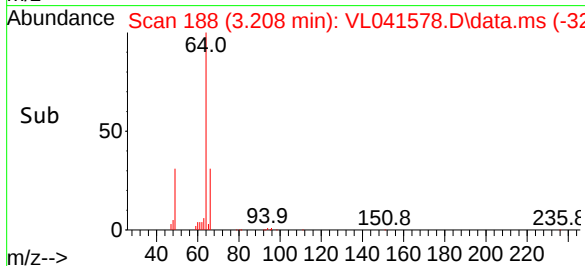
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 64 Resp: 182039
Ion Ratio Lower Upper
64 100
66 30.8 24.2 36.2

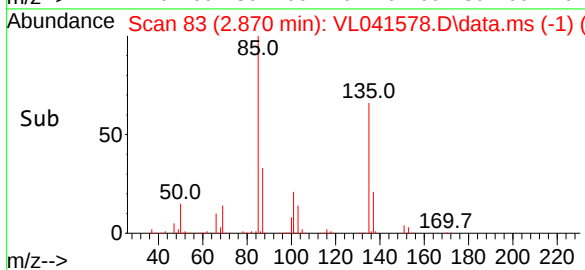
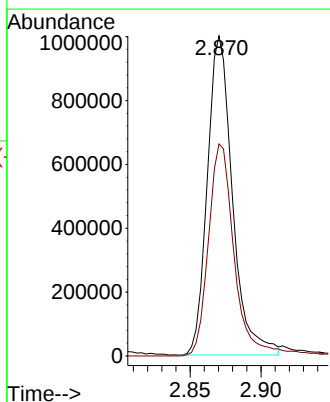
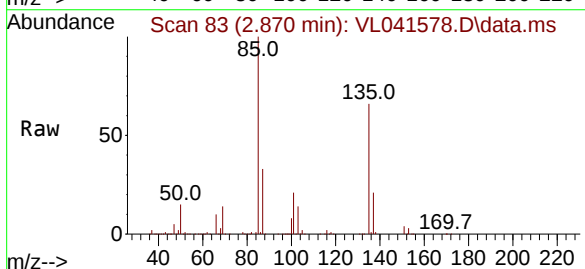
Manual Integrations
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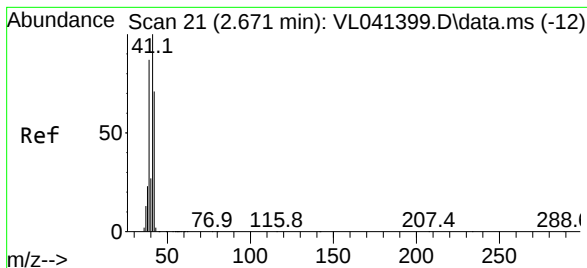
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#8
Dichlorotetrafluoroethane
Concen: 8.428 ppbv
RT: 2.870 min Scan# 83
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12

Tgt Ion: 85 Resp: 1232934
Ion Ratio Lower Upper
85 100
135 69.7 55.4 83.0





#9

Propene

Concen: 8.428 ppbv

RT: 2.710 min Scan# 31

Delta R.T. 0.000 min

Lab File: VL041578.D

Acq: 22 Aug 2024 8:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 41 Resp: 442310

Ion Ratio Lower Upper

41 100

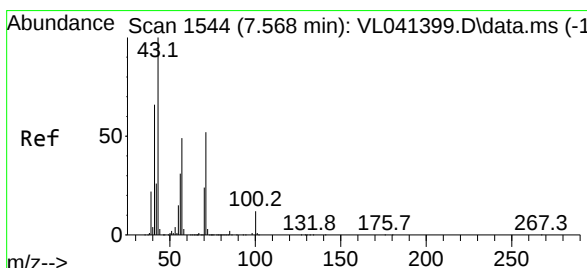
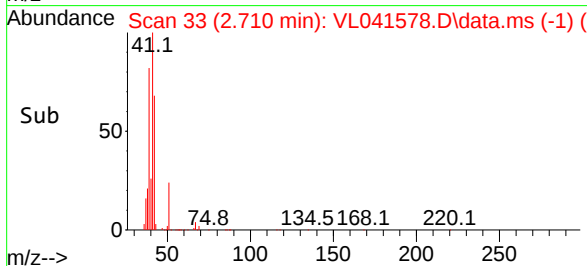
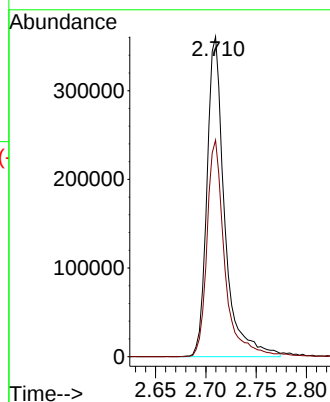
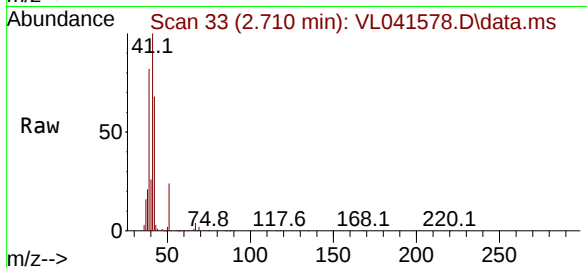
42 68.5 55.9 83.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/23/2024

Supervised By :Mahesh Dadoda 08/23/2024



#10

Heptane

Concen: 9.486 ppbv

RT: 7.574 min Scan# 1546

Delta R.T. 0.000 min

Lab File: VL041578.D

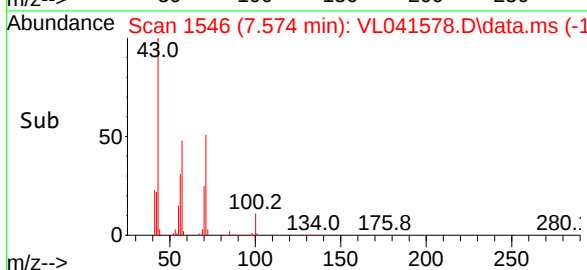
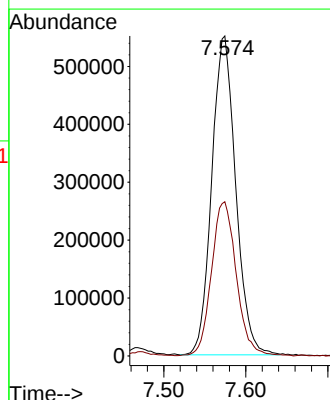
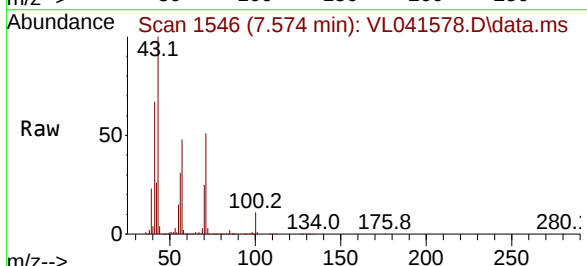
Acq: 22 Aug 2024 8:12

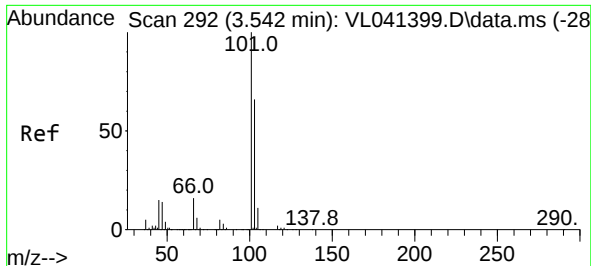
Tgt Ion: 43 Resp: 1118652

Ion Ratio Lower Upper

43 100

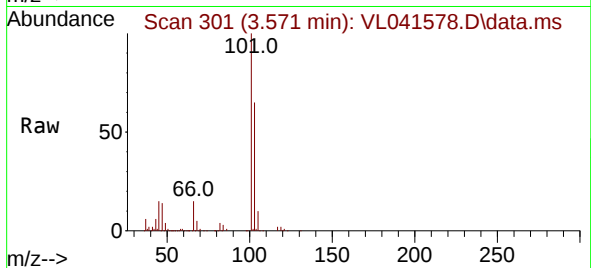
57 50.2 40.5 60.7





#11
Trichlorofluoromethane
Concen: 8.310 ppbv
RT: 3.571 min Scan# 301
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12

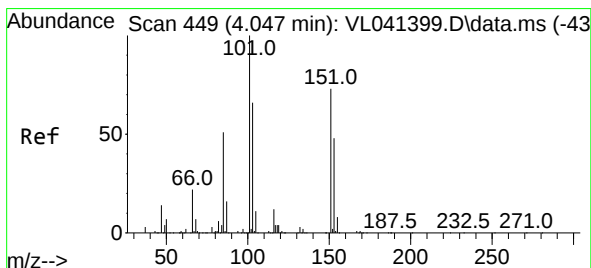
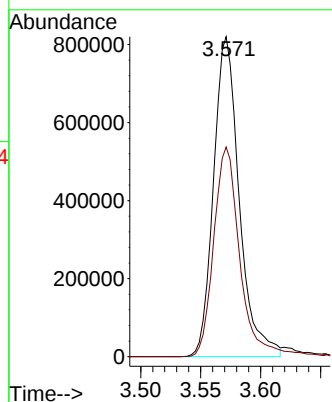
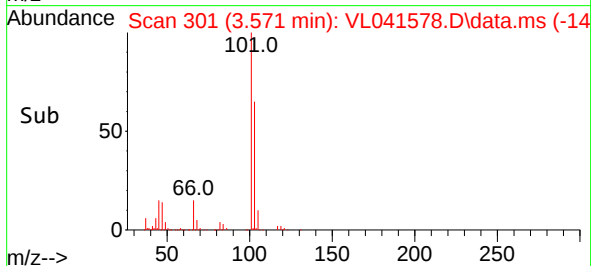
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:101 Resp: 1218470
Ion Ratio Lower Upper
101 100
103 65.5 52.6 79.0

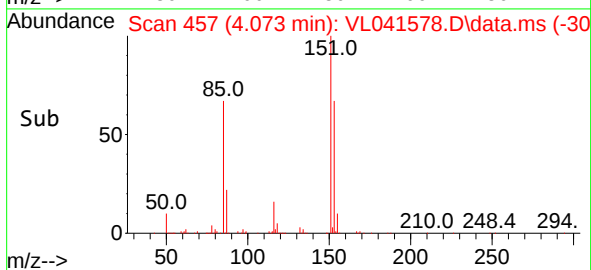
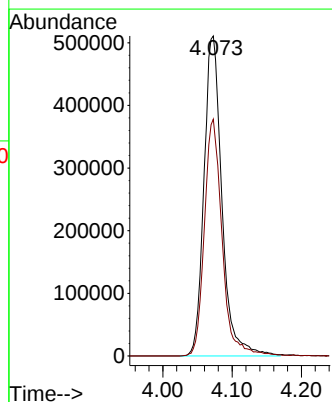
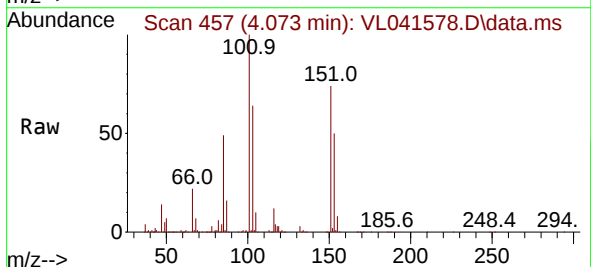
Manual Integrations
APPROVED

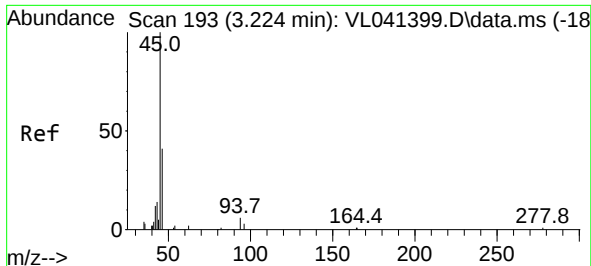
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#12
1,1,2-Trichlorotrifluoroethane
Concen: 8.698 ppbv
RT: 4.073 min Scan# 457
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12

Tgt Ion:101 Resp: 918343
Ion Ratio Lower Upper
101 100
151 73.3 59.4 89.2





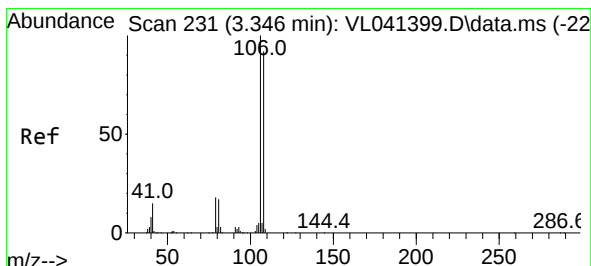
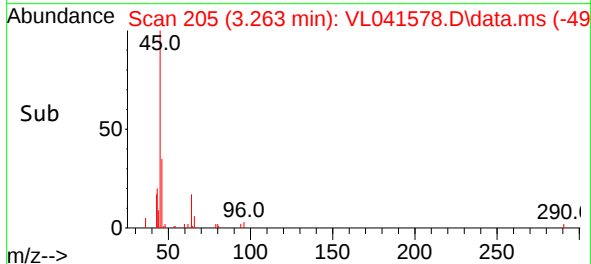
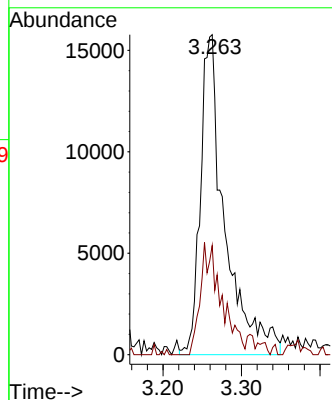
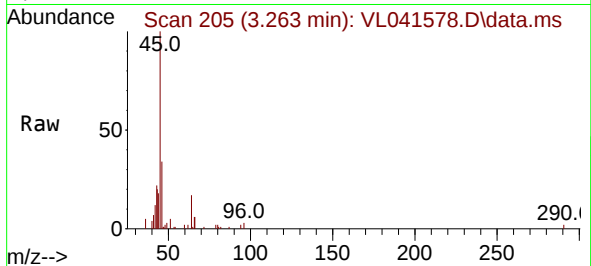
#13
Ethanol
Concen: 7.210 ppbv m
RT: 3.263 min Scan# 205
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 33820
Ion Ratio Lower Upper
45 100
46 34.1 13.4 53.4

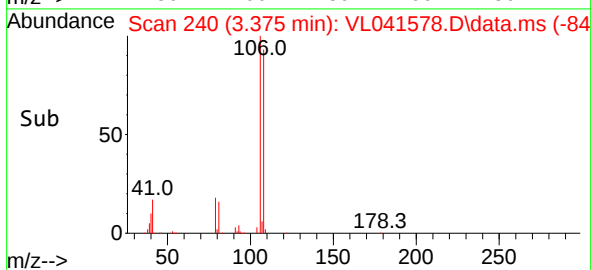
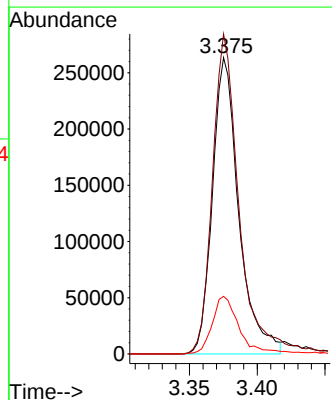
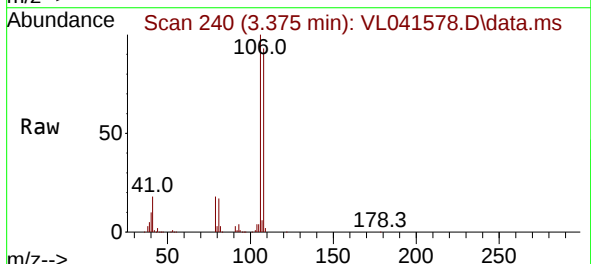
Manual Integrations
APPROVED

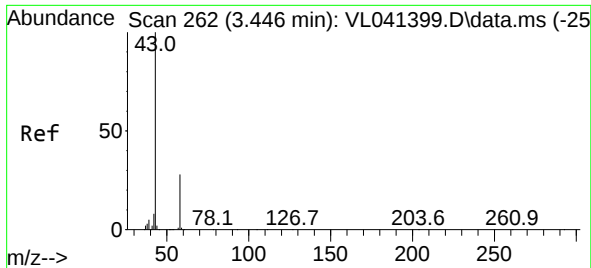
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#14
Bromoethene
Concen: 8.643 ppbv
RT: 3.375 min Scan# 240
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12

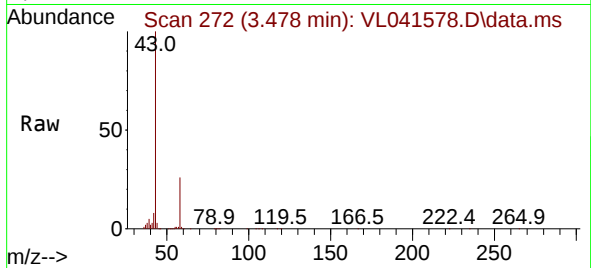
Tgt Ion:108 Resp: 355777
Ion Ratio Lower Upper
108 100
106 111.4 86.9 130.3
79 20.6 16.2 24.4





#15
Acetone
Concen: 8.583 ppbv
RT: 3.478 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12

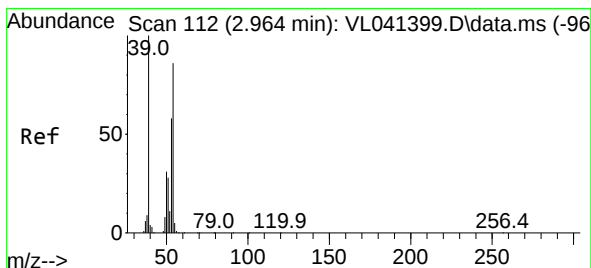
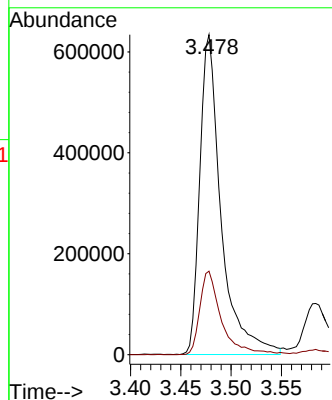
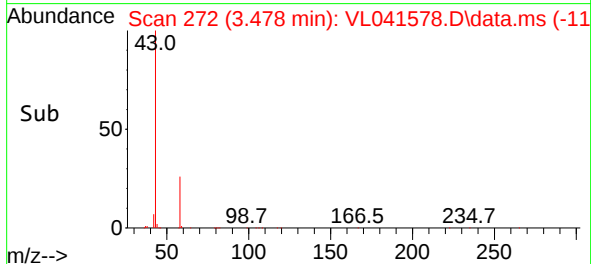
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



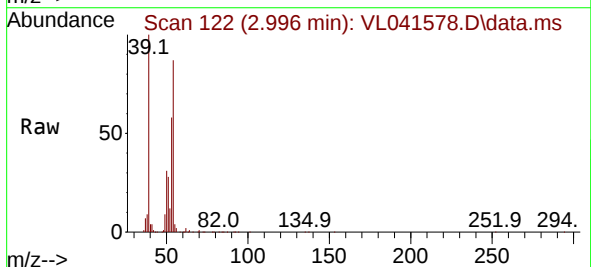
Tgt Ion: 43 Resp: 935862
Ion Ratio Lower Upper
43 100
58 26.5 21.4 32.2

Manual Integrations
APPROVED

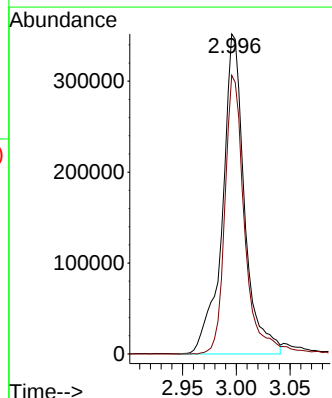
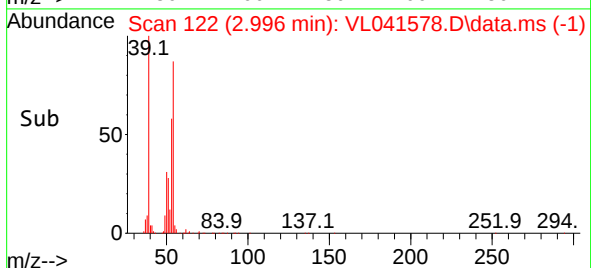
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024

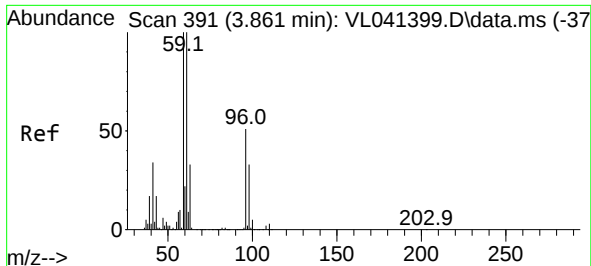


#16
1,3-Butadiene
Concen: 8.676 ppbv
RT: 2.996 min Scan# 122
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12



Tgt Ion: 39 Resp: 505470
Ion Ratio Lower Upper
39 100
54 78.8 62.5 93.7





#17

tert-Butyl alcohol

Concen: 9.570 ppbv

RT: 3.883 min Scan# 391

Delta R.T. 0.000 min

Lab File: VL041578.D

Acq: 22 Aug 2024 8:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 59 Resp: 95171

Ion Ratio Lower Upper

59 100

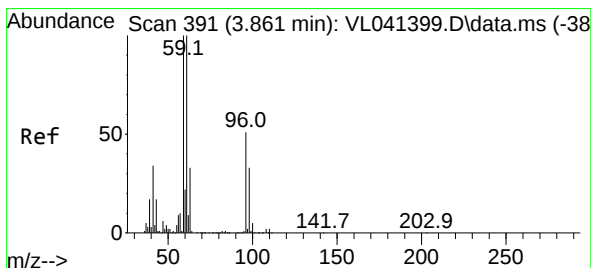
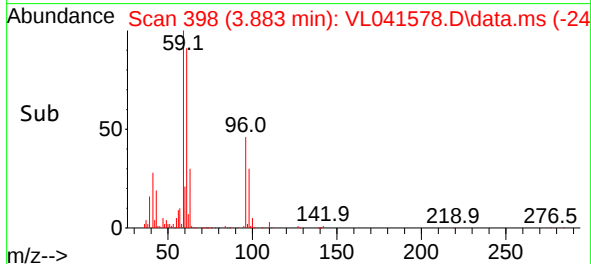
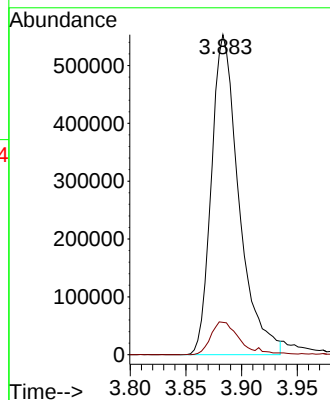
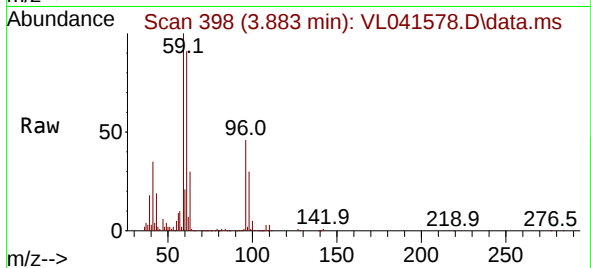
57 11.1 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/23/2024

Supervised By :Mahesh Dadoda 08/23/2024



#18

1,1-Dichloroethene

Concen: 9.075 ppbv

RT: 3.886 min Scan# 399

Delta R.T. 0.000 min

Lab File: VL041578.D

Acq: 22 Aug 2024 8:12

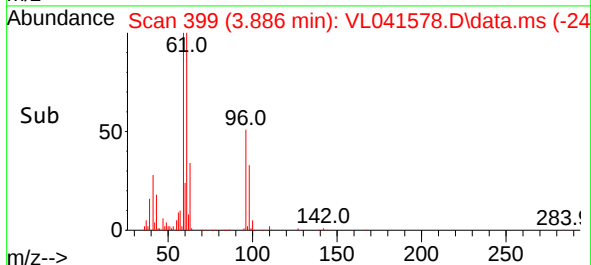
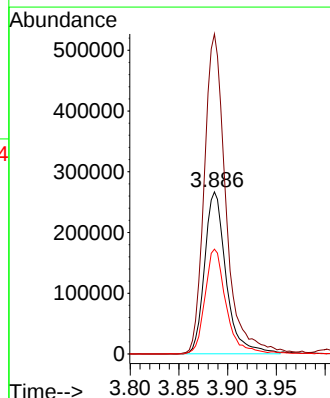
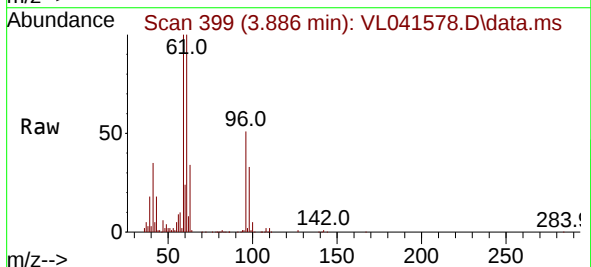
Tgt Ion: 96 Resp: 409850

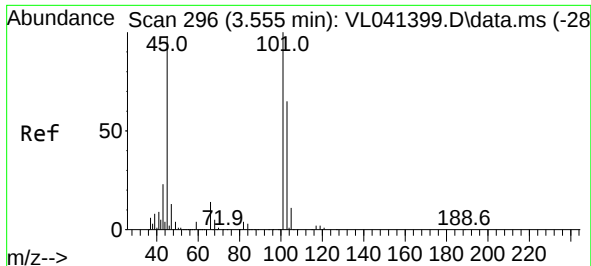
Ion Ratio Lower Upper

96 100

61 197.4 157.5 236.3

98 64.6 51.2 76.8





#19
Isopropyl Alcohol
Concen: 8.987 ppbv
RT: 3.584 min Scan# 305
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12

Instrument :

MSVOA_L

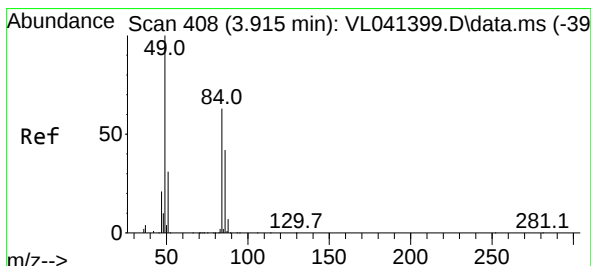
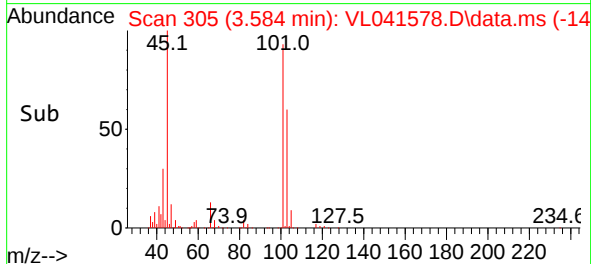
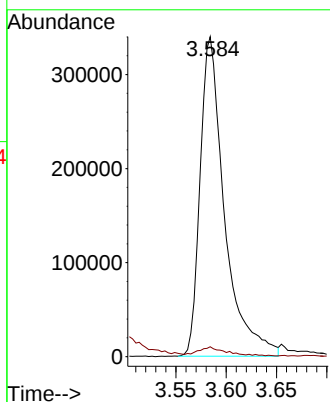
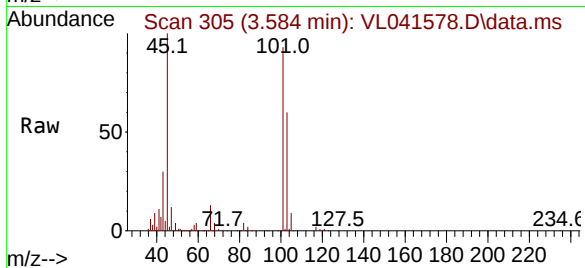
ClientSampleId :

VSTDCCC010

Tgt Ion: 45 Resp: 57288
Ion Ratio Lower Upper
45 100
58 3.7 1.9 2.9

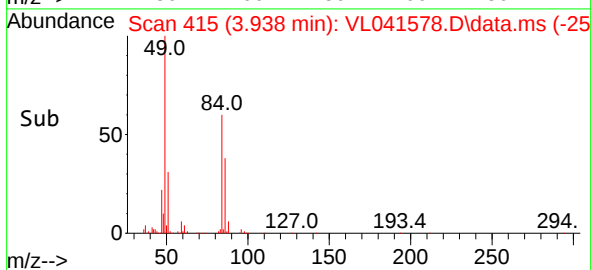
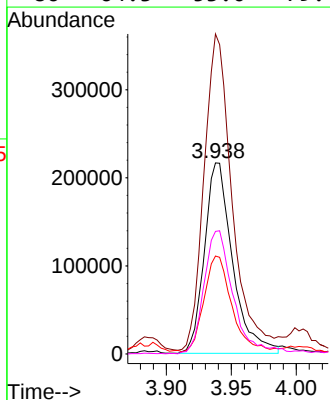
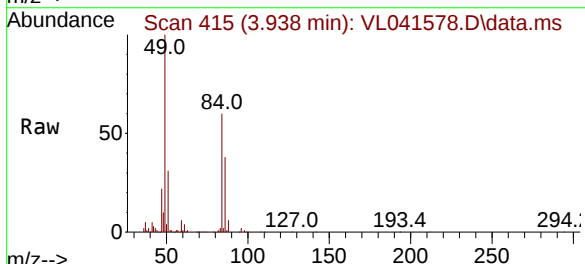
Manual Integrations
APPROVED

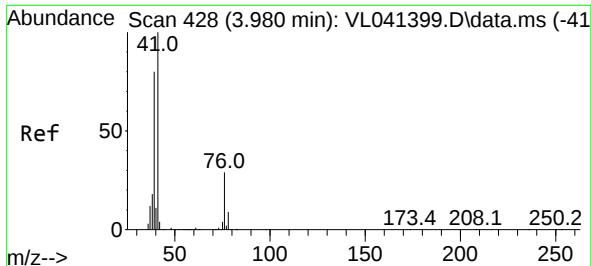
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#20
Methylene Chloride
Concen: 8.033 ppbv
RT: 3.938 min Scan# 415
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12

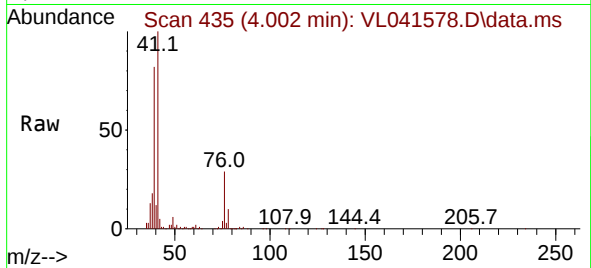
Tgt Ion: 84 Resp: 326647
Ion Ratio Lower Upper
84 100
49 166.1 126.6 190.0
51 49.6 38.6 58.0
86 64.3 53.0 79.4





#21
 Allyl Chloride
 Concen: 8.756 ppbv
 RT: 4.002 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL041578.D
 Acq: 22 Aug 2024 8:12

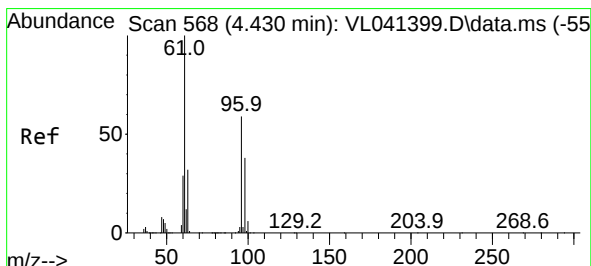
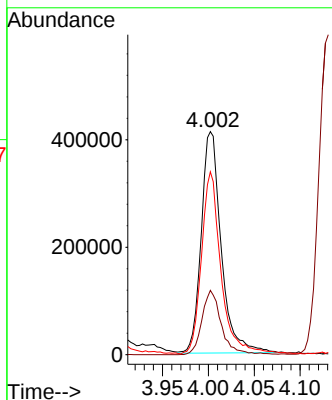
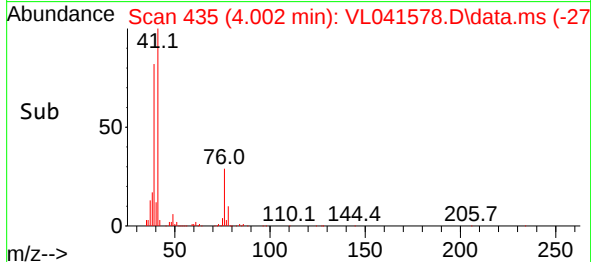
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 41 Resp: 626128
 Ion Ratio Lower Upper
 41 100
 76 28.4 23.7 35.5
 39 82.5 64.3 96.5

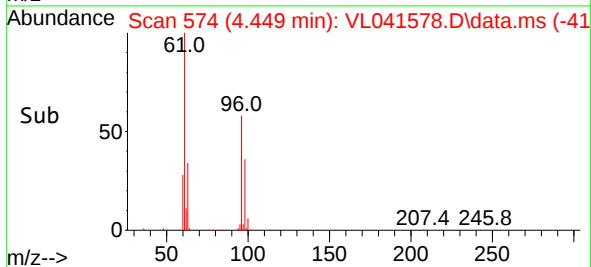
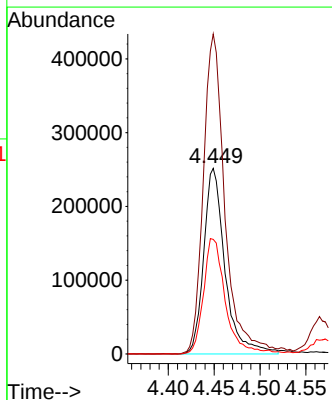
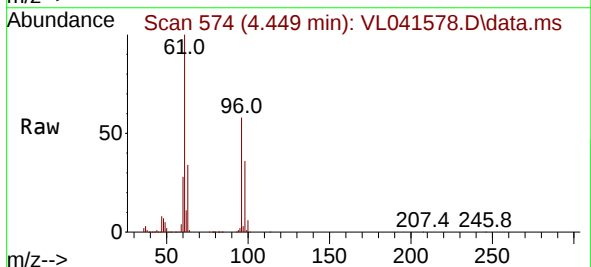
Manual Integrations
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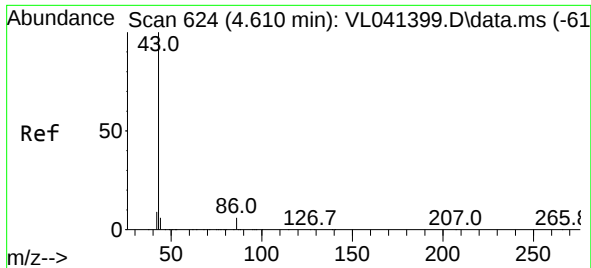
Reviewed By :Semsettin Yesilyurt 08/23/2024
 Supervised By :Mahesh Dadoda 08/23/2024



#22
 trans-1,2-Dichloroethene
 Concen: 9.003 ppbv
 RT: 4.449 min Scan# 574
 Delta R.T. 0.000 min
 Lab File: VL041578.D
 Acq: 22 Aug 2024 8:12

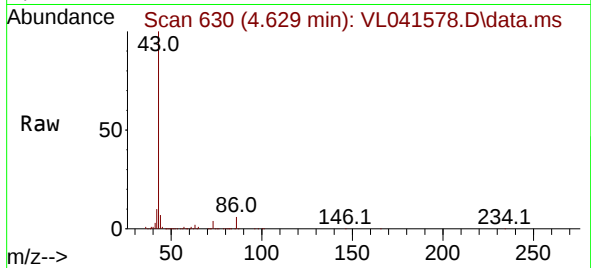
Tgt Ion: 96 Resp: 406561
 Ion Ratio Lower Upper
 96 100
 61 172.4 135.4 203.2
 98 61.7 51.0 76.4





#23
 Vinyl Acetate
 Concen: 8.159 ppbv
 RT: 4.629 min Scan# 610
 Delta R.T. 0.000 min
 Lab File: VL041578.D
 Acq: 22 Aug 2024 8:12

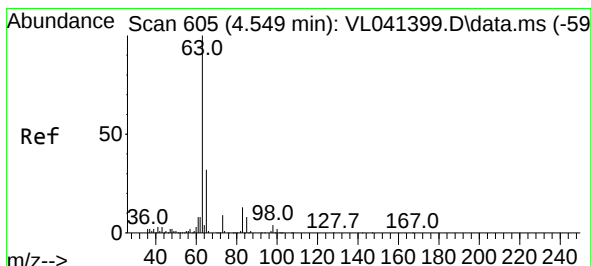
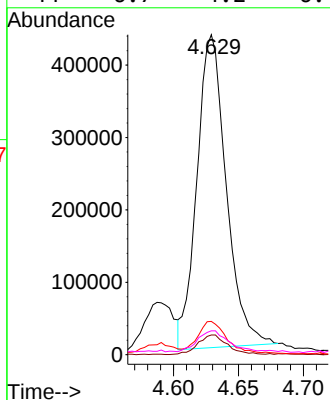
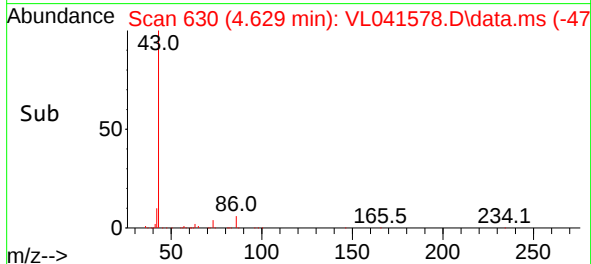
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 43 Resp: 67945
 Ion Ratio Lower Upper
 43 100
 86 6.1 4.6 6.8
 42 10.3 7.9 11.9
 44 6.7 4.2 6.4#

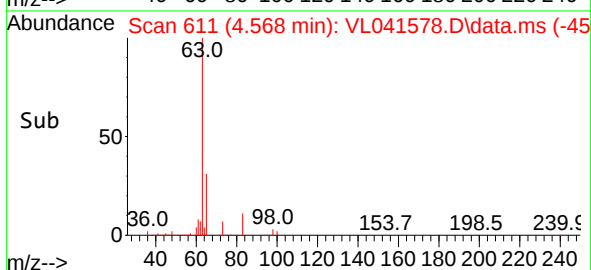
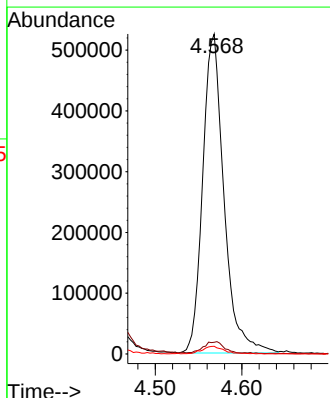
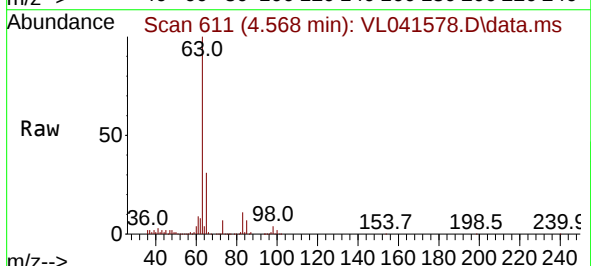
Manual Integrations
 APPROVED

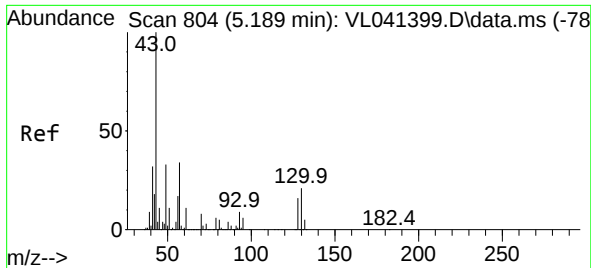
Reviewed By :Semsettin Yesilyurt 08/23/2024
 Supervised By :Mahesh Dadoda 08/23/2024



#24
 1,1-Dichloroethane
 Concen: 9.126 ppbv
 RT: 4.568 min Scan# 611
 Delta R.T. 0.000 min
 Lab File: VL041578.D
 Acq: 22 Aug 2024 8:12

Tgt Ion: 63 Resp: 894809
 Ion Ratio Lower Upper
 63 100
 98 3.5 2.0 6.0
 100 2.4 1.2 3.6





#25
Ethyl Acetate
Concen: 9.252 ppbv
RT: 5.205 min Scan# 804
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12

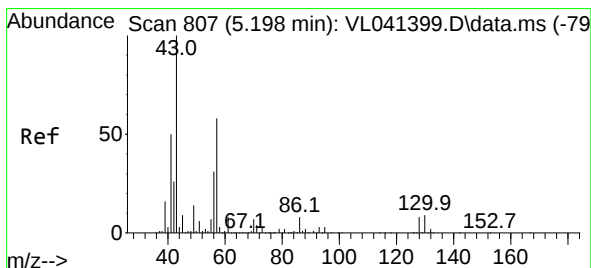
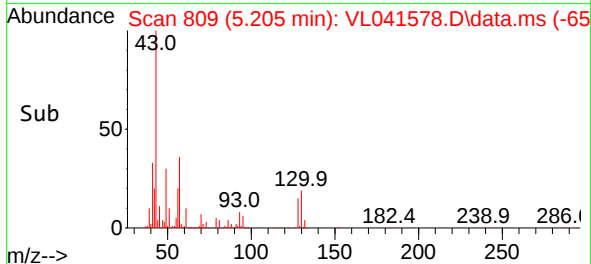
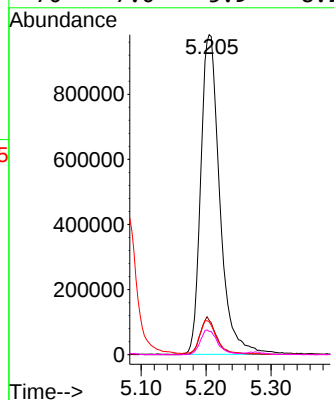
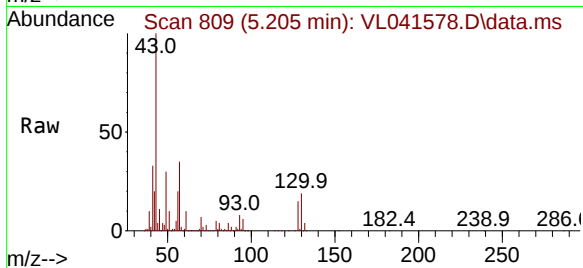
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 200428

Ion	Ratio	Lower	Upper
43	100		
45	10.4	8.5	12.7
61	10.1	8.0	12.0
70	7.0	5.9	8.9

Manual Integrations
APPROVED

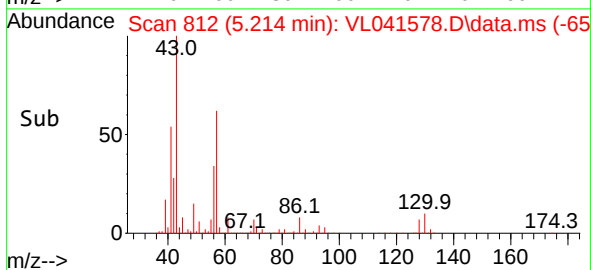
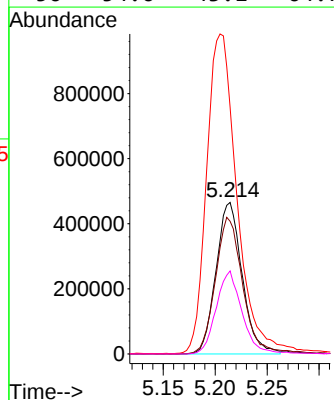
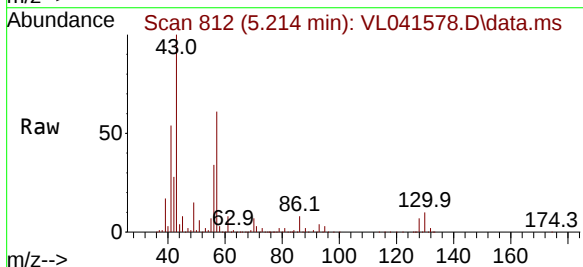
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024

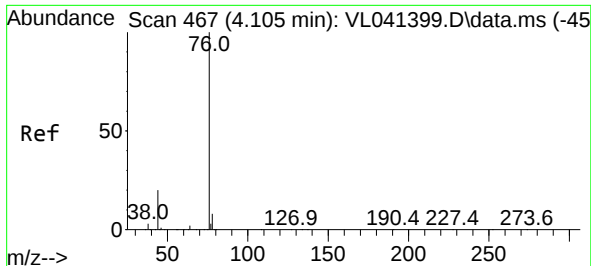


#26
Hexane
Concen: 9.058 ppbv
RT: 5.214 min Scan# 812
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12

Tgt Ion: 57 Resp: 813991

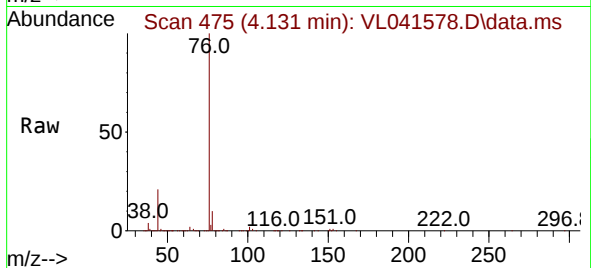
Ion	Ratio	Lower	Upper
57	100		
41	95.5	74.0	111.0
43	247.8	193.6	290.4
56	54.6	43.1	64.7





#27
Carbon Disulfide
Concen: 8.820 ppbv
RT: 4.131 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12

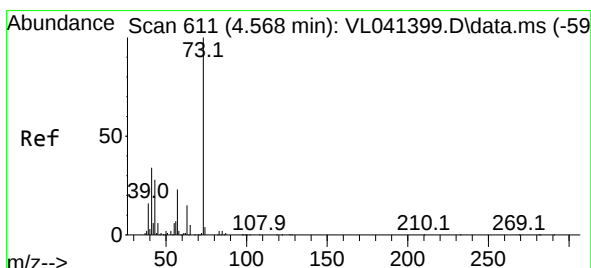
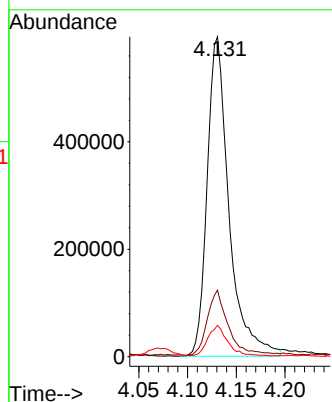
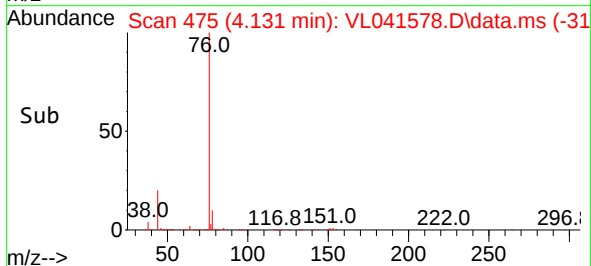
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



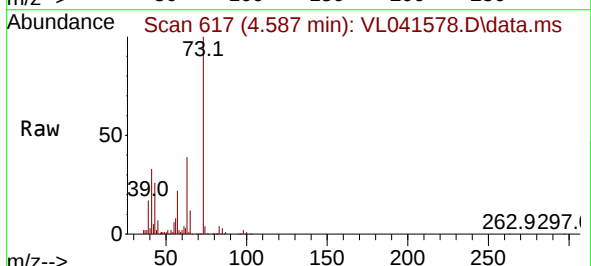
Tgt Ion: 76 Resp: 927230
Ion Ratio Lower Upper
76 100
44 19.6 15.6 23.4
78 9.4 7.7 11.5

Manual Integrations
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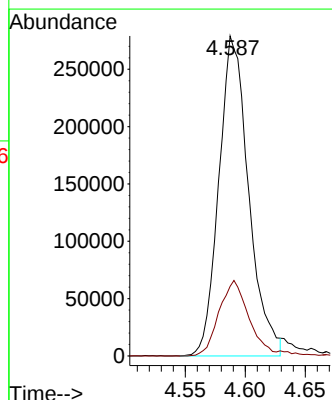
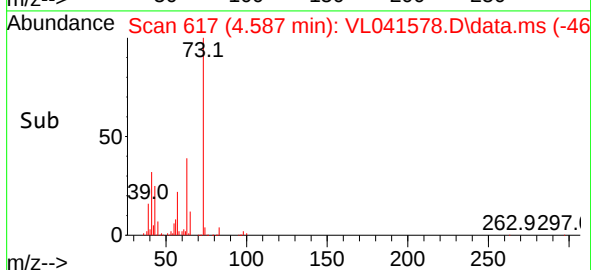
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024

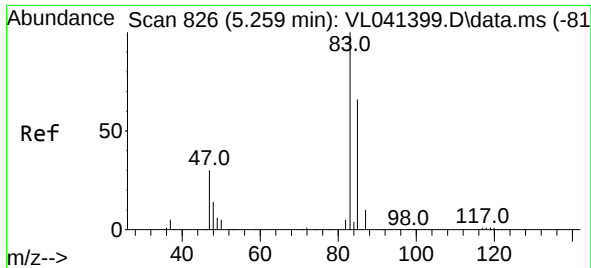


#28
Methyl tert-Butyl Ether
Concen: 8.499 ppbv
RT: 4.587 min Scan# 617
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12



Tgt Ion: 73 Resp: 481623
Ion Ratio Lower Upper
73 100
57 24.8 18.9 28.3





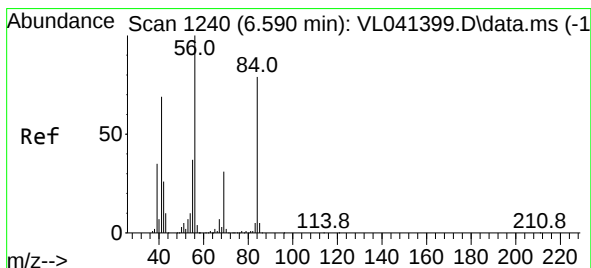
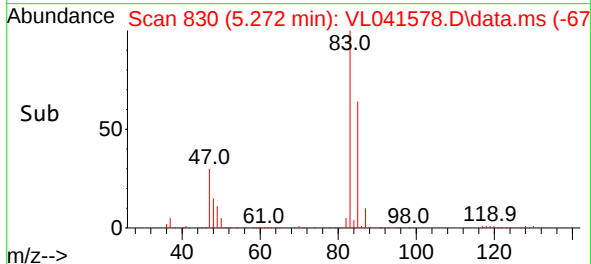
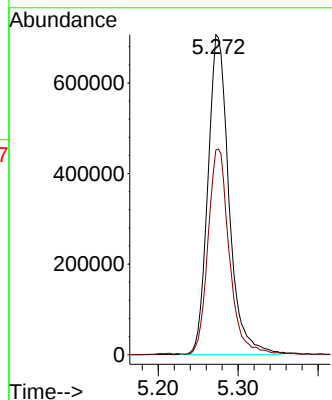
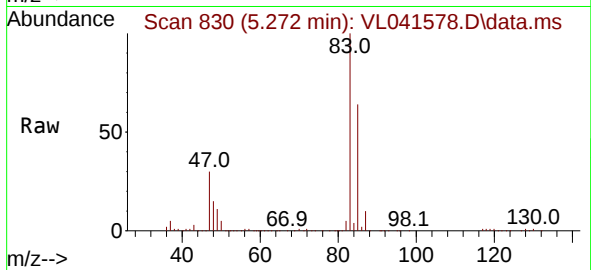
#29
Chloroform
Concen: 8.807 ppbv
RT: 5.272 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 129083
Ion Ratio Lower Upper
83 100
85 63.7 53.1 79.7

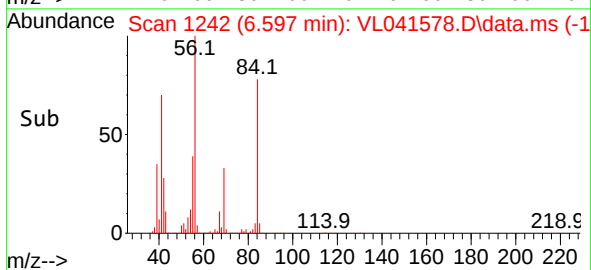
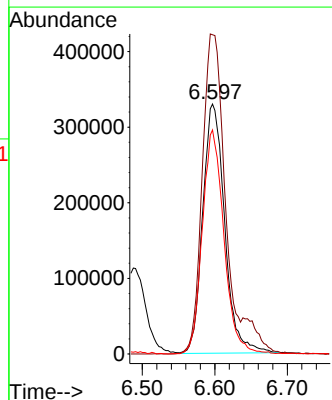
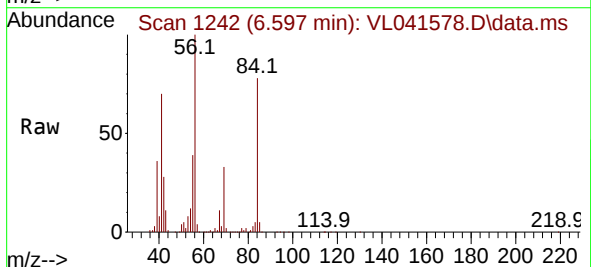
Manual Integrations
APPROVED

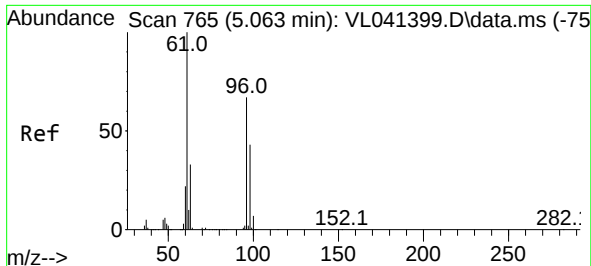
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#30
Cyclohexane
Concen: 9.474 ppbv
RT: 6.597 min Scan# 1242
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12

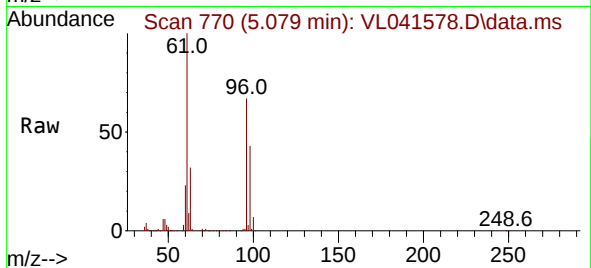
Tgt Ion: 84 Resp: 693311
Ion Ratio Lower Upper
84 100
56 140.1 111.2 166.8
41 88.5 70.3 105.5





#31
 cis-1,2-Dichloroethene
 Concen: 8.755 ppbv
 RT: 5.079 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VL041578.D
 Acq: 22 Aug 2024 8:12

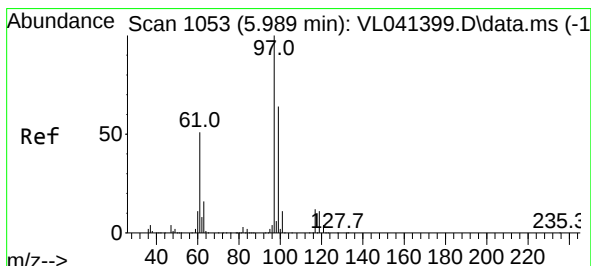
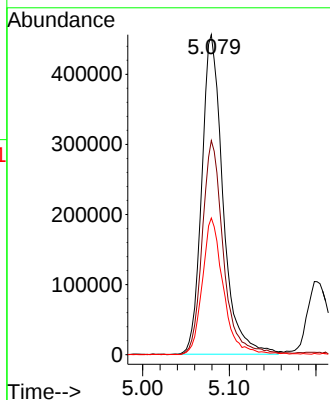
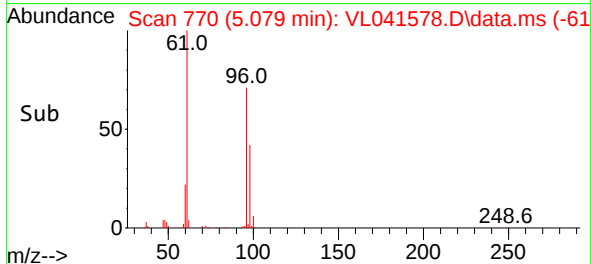
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



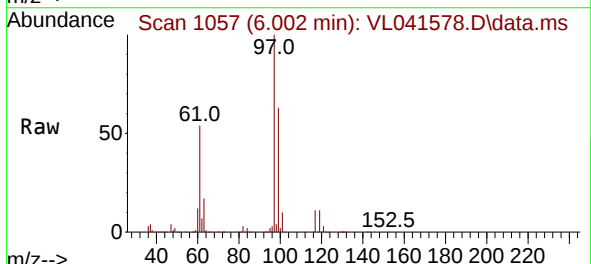
Tgt Ion: 61 Resp: 777184
 Ion Ratio Lower Upper
 61 100
 96 66.9 53.4 80.2
 98 42.7 34.4 51.6

Manual Integrations
 APPROVED

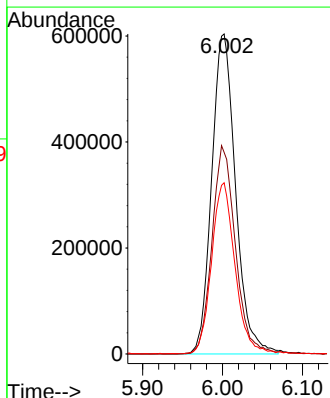
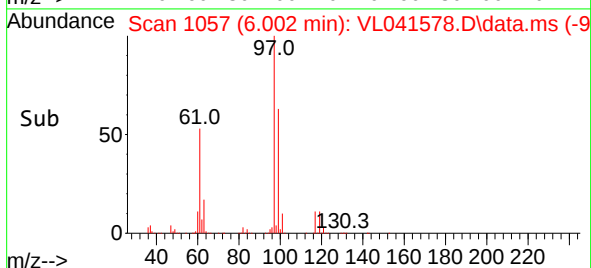
Reviewed By :Semsettin Yesilyurt 08/23/2024
 Supervised By :Mahesh Dadoda 08/23/2024

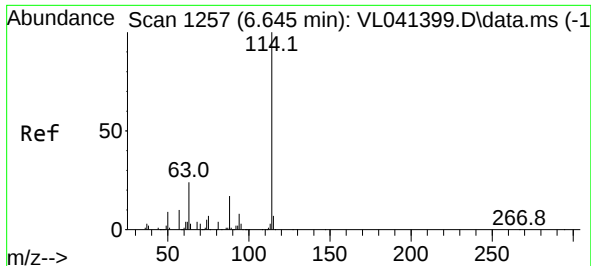


#32
 1,1,1-Trichloroethane
 Concen: 8.760 ppbv
 RT: 6.002 min Scan# 1057
 Delta R.T. 0.000 min
 Lab File: VL041578.D
 Acq: 22 Aug 2024 8:12



Tgt Ion: 97 Resp: 1249830
 Ion Ratio Lower Upper
 97 100
 99 64.2 52.0 78.0
 61 52.9 41.8 62.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.648 min Scan# 114

Delta R.T. 0.000 min

Lab File: VL041578.D

Acq: 22 Aug 2024 8:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:114 Resp: 2578849

Ion Ratio Lower Upper

114 100

63 25.3 20.3 30.5

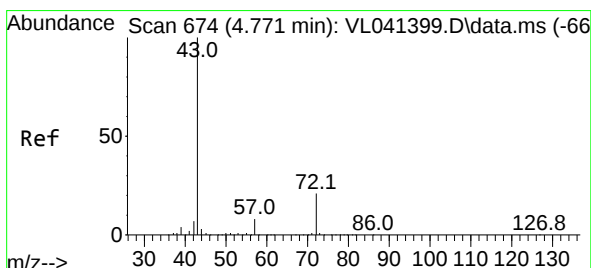
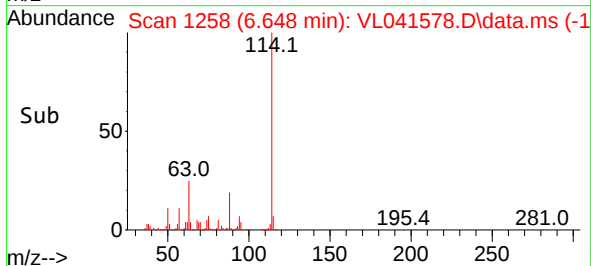
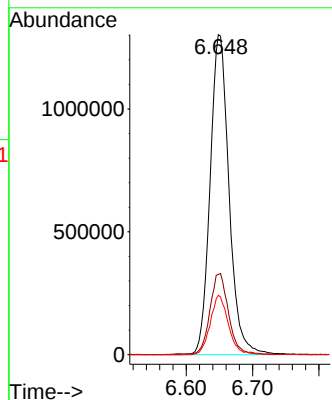
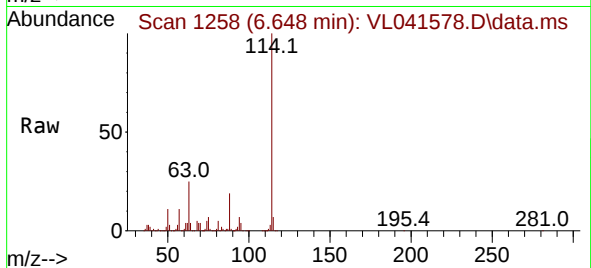
88 17.8 14.3 21.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/23/2024

Supervised By :Mahesh Dadoda 08/23/2024



#34

2-Butanone

Concen: 9.023 ppbv

RT: 4.787 min Scan# 679

Delta R.T. 0.000 min

Lab File: VL041578.D

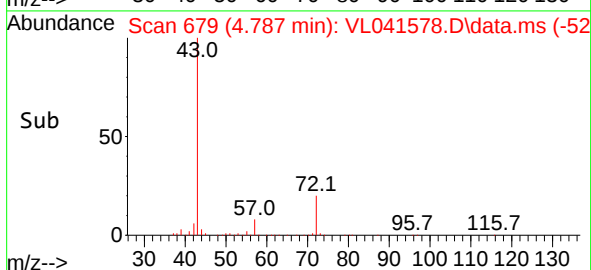
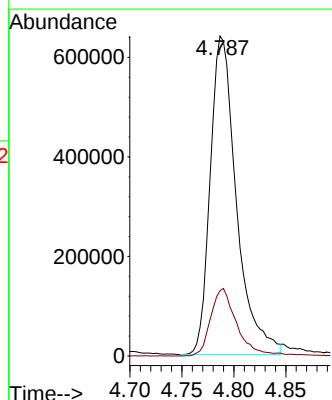
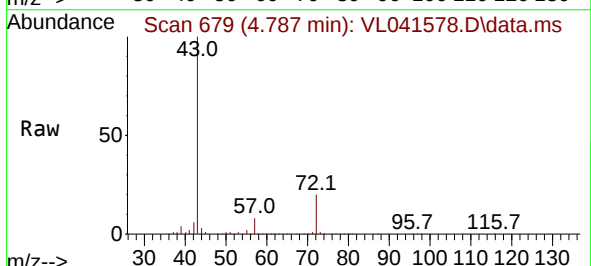
Acq: 22 Aug 2024 8:12

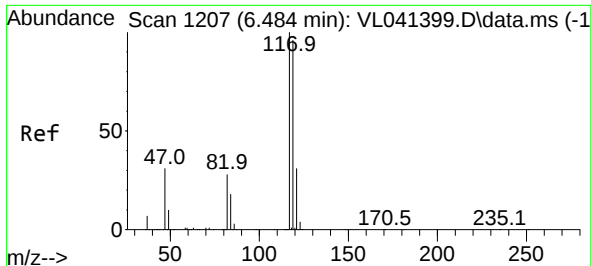
Tgt Ion: 43 Resp: 1125640

Ion Ratio Lower Upper

43 100

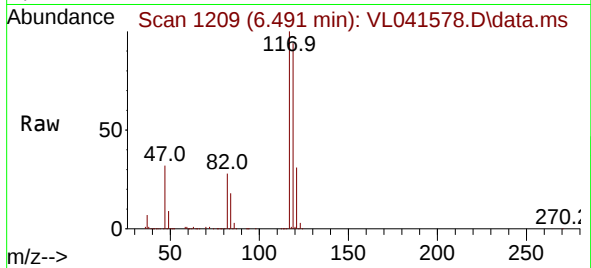
72 21.6 17.3 25.9





#35
Carbon Tetrachloride
Concen: 9.226 ppbv
RT: 6.491 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12

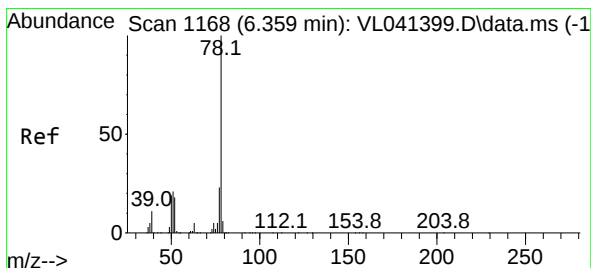
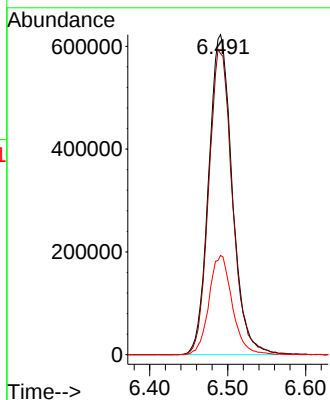
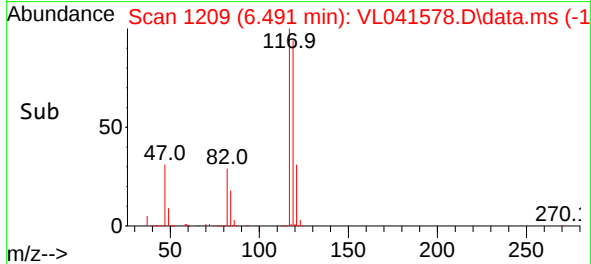
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 117 Resp: 131224
Ion Ratio Lower Upper
117 100
119 94.0 76.6 115.0
121 31.0 25.1 37.7

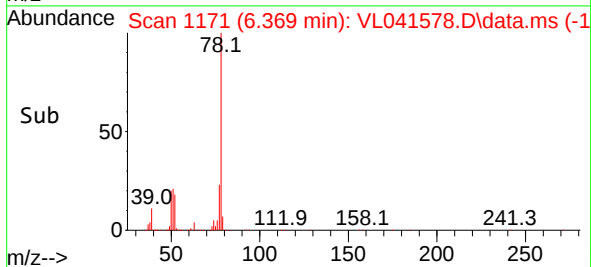
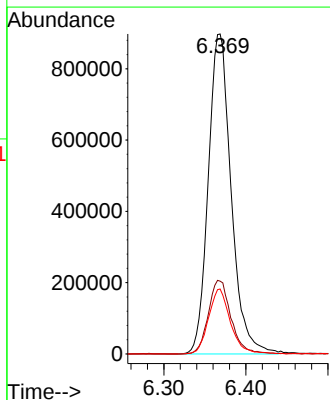
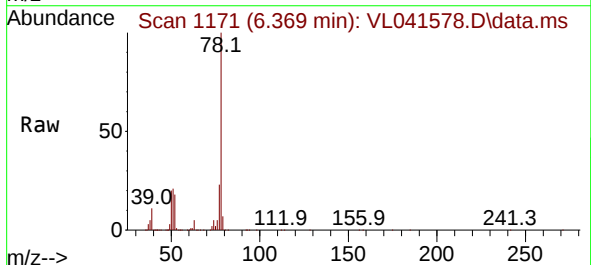
Manual Integrations
APPROVED

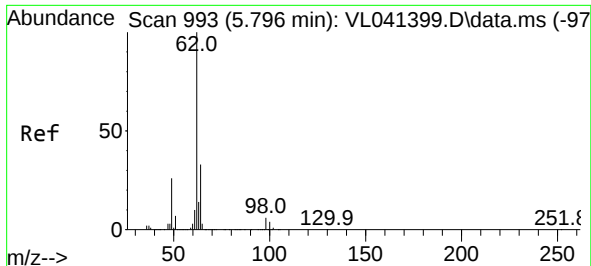
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#36
Benzene
Concen: 9.237 ppbv
RT: 6.369 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12

Tgt Ion: 78 Resp: 1740518
Ion Ratio Lower Upper
78 100
77 22.7 18.1 27.1
50 20.3 15.5 23.3





#37

1,2-Dichloroethane

Concen: 9.268 ppbv

RT: 5.806 min Scan# 993

Delta R.T. 0.000 min

Lab File: VL041578.D

Acq: 22 Aug 2024 8:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 62 Resp: 977454

Ion Ratio Lower Upper

62 100

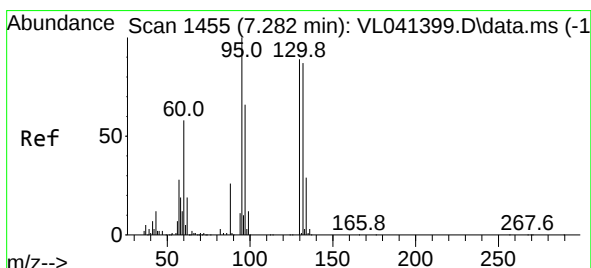
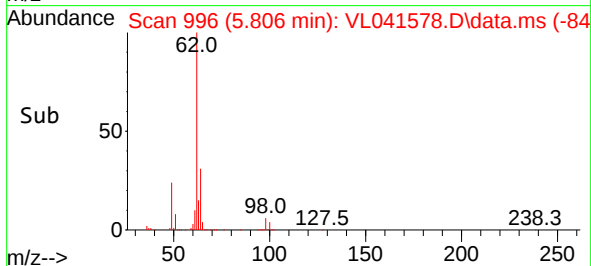
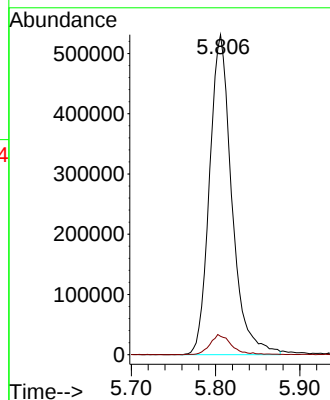
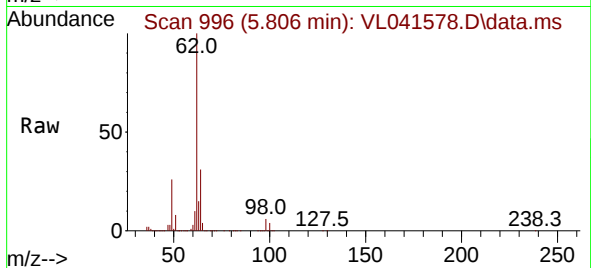
98 6.2 5.0 7.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/23/2024

Supervised By :Mahesh Dadoda 08/23/2024



#38

Trichloroethene

Concen: 9.828 ppbv

RT: 7.285 min Scan# 1456

Delta R.T. 0.000 min

Lab File: VL041578.D

Acq: 22 Aug 2024 8:12

Tgt Ion:130 Resp: 848446

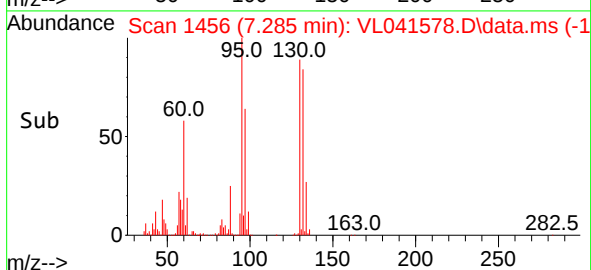
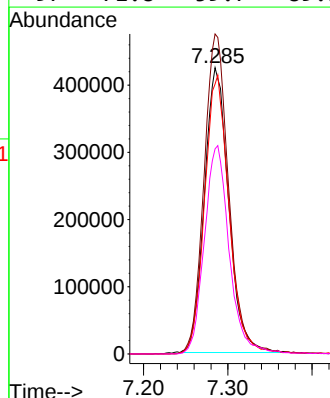
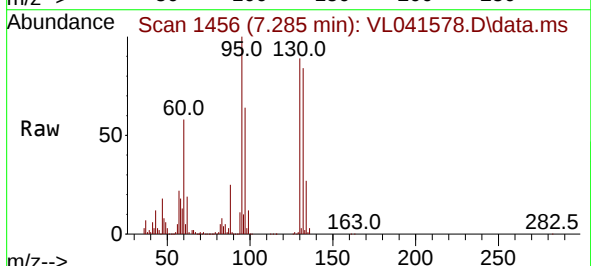
Ion Ratio Lower Upper

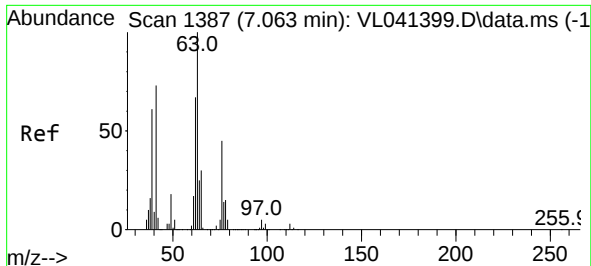
130 100

95 112.0 90.2 135.2

132 94.4 78.1 117.1

97 71.8 59.7 89.5





#39

1,2-Dichloropropane

Concen: 9.406 ppbv

RT: 7.069 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL041578.D

Acq: 22 Aug 2024 8:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

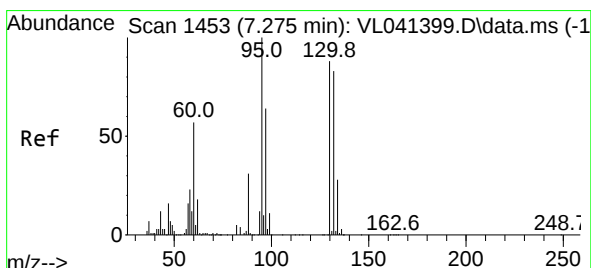
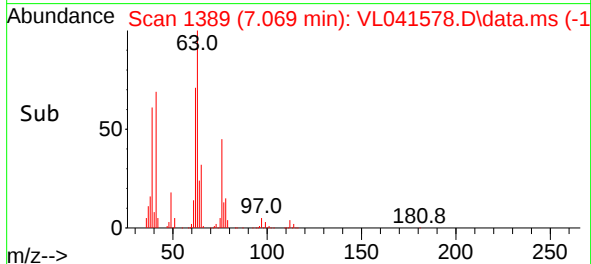
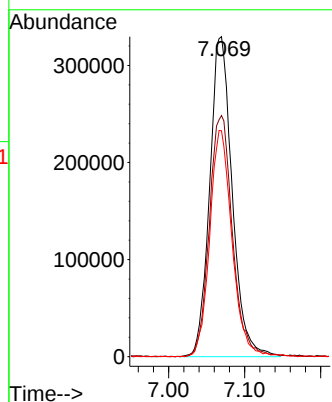
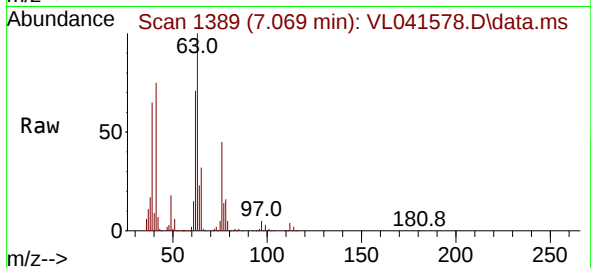
Tgt Ion: 63 Resp: 678564

Ion	Ratio	Lower	Upper
63	100		
41	75.1	58.3	87.5
62	70.6	53.9	80.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#40

1,4-Dioxane

Concen: 9.341 ppbv

RT: 7.282 min Scan# 1455

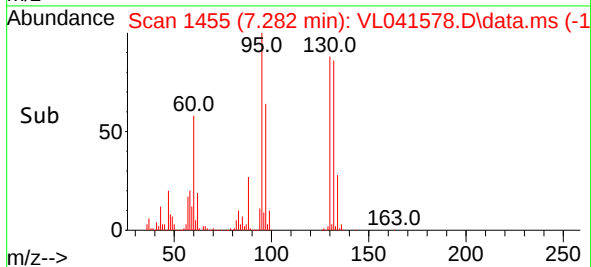
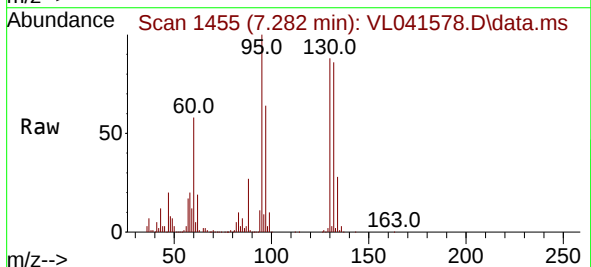
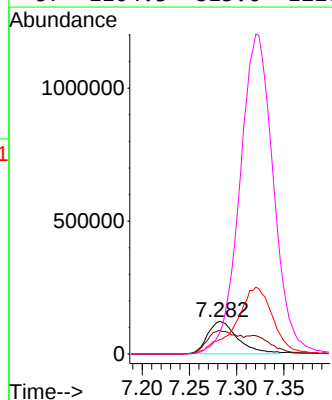
Delta R.T. 0.000 min

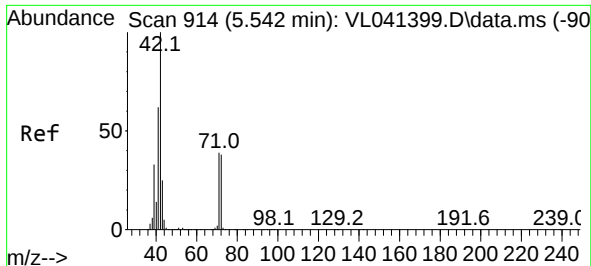
Lab File: VL041578.D

Acq: 22 Aug 2024 8:12

Tgt Ion: 88 Resp: 270698

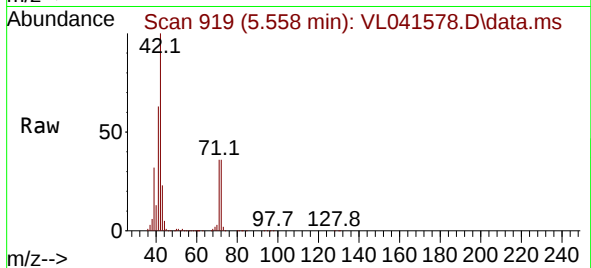
Ion	Ratio	Lower	Upper
88	100		
58	124.0	95.8	143.6
43	256.6	188.2	282.2
57	1104.3	813.6	1220.4





#41
Tetrahydrofuran
Concen: 9.889 ppbv
RT: 5.558 min Scan# 914
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12

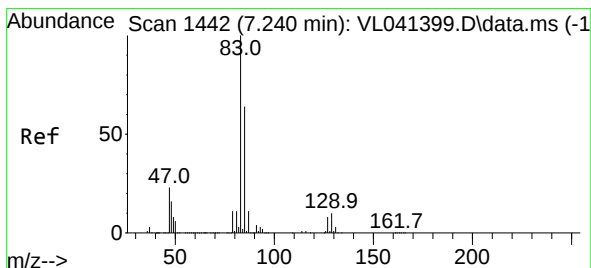
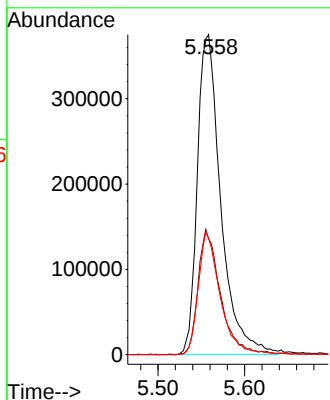
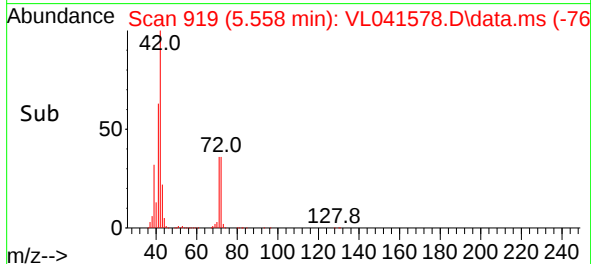
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



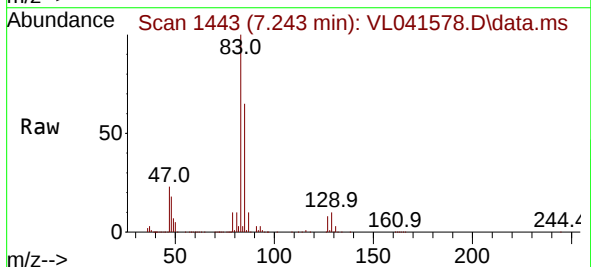
Tgt Ion: 42 Resp: 705570
Ion Ratio Lower Upper
42 100
72 37.9 31.2 46.8
71 36.1 30.5 45.7

Manual Integrations
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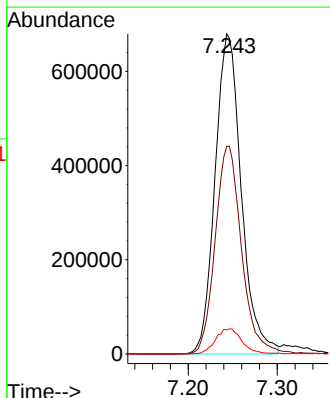
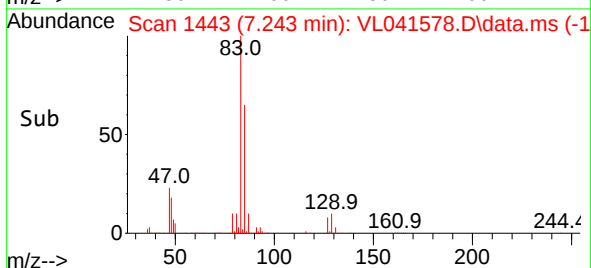
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024

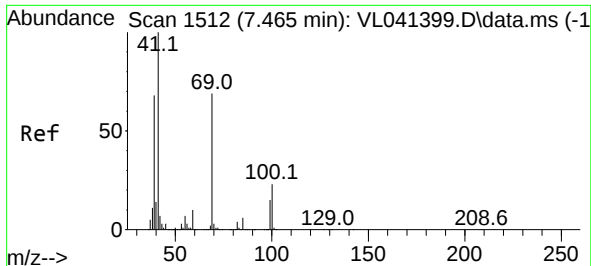


#42
Bromodichloromethane
Concen: 9.144 ppbv
RT: 7.243 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12



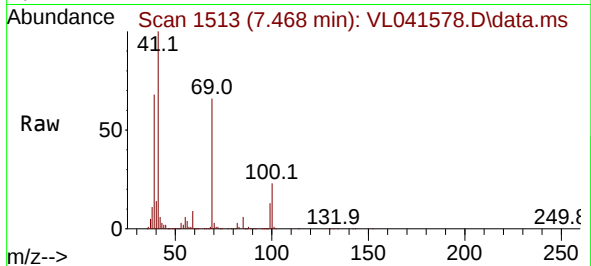
Tgt Ion: 83 Resp: 1392464
Ion Ratio Lower Upper
83 100
85 64.9 51.4 77.0
127 7.6 6.7 10.1





#43
Methyl Methacrylate
Concen: 10.162 ppbv
RT: 7.468 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12

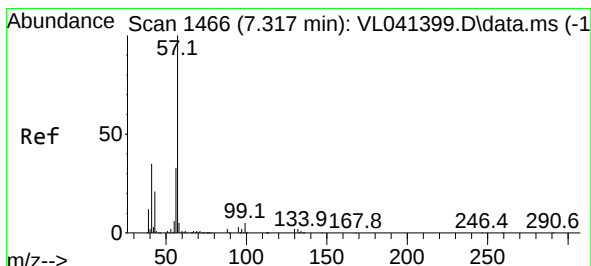
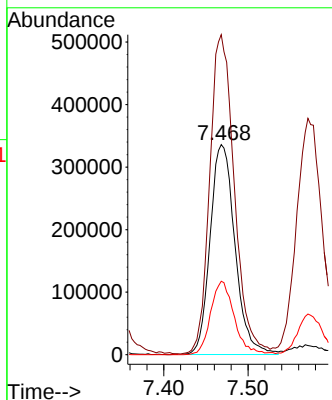
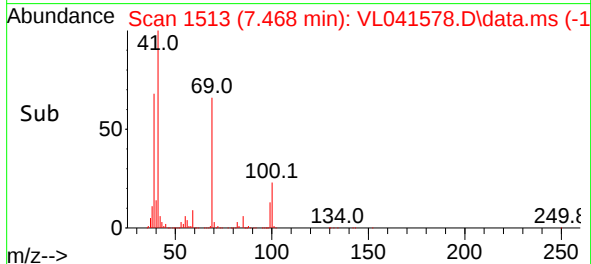
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



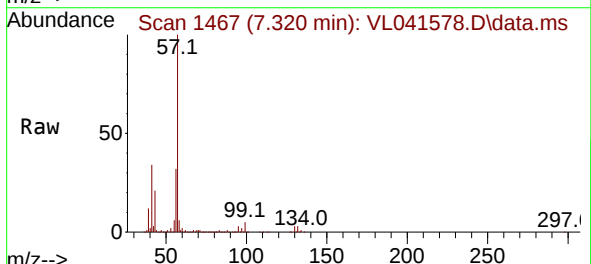
Tgt Ion: 69 Resp: 68667
Ion Ratio Lower Upper
69 100
41 150.9 118.7 178.1
100 33.5 27.0 40.4

Manual Integrations
APPROVED

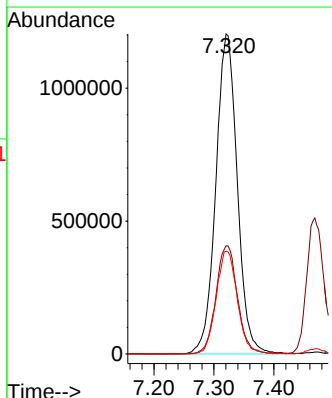
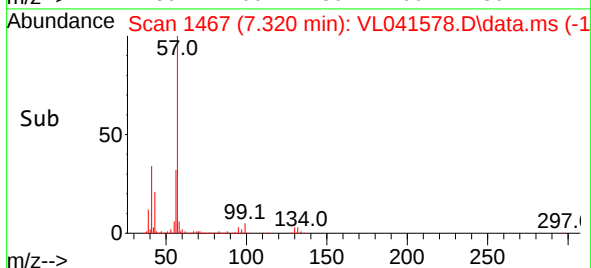
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024

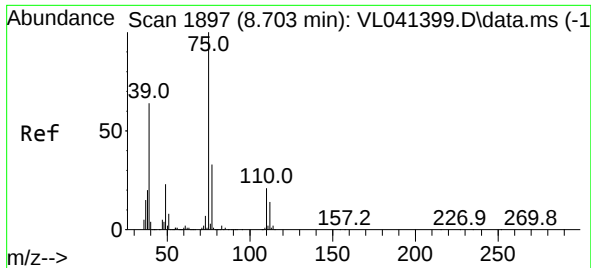


#44
2,2,4-Trimethylpentane
Concen: 9.474 ppbv
RT: 7.320 min Scan# 1467
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12



Tgt Ion: 57 Resp: 2981605
Ion Ratio Lower Upper
57 100
41 34.0 27.0 40.6
56 31.8 25.2 37.8





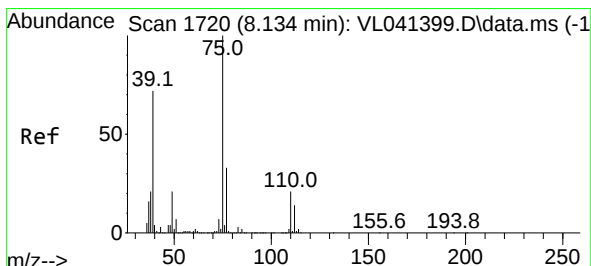
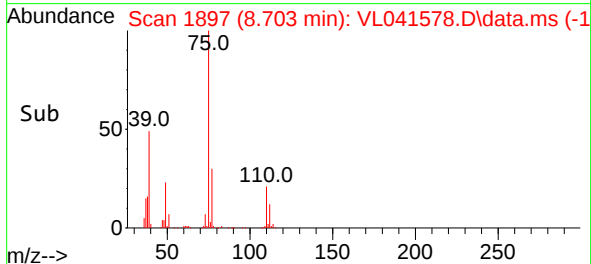
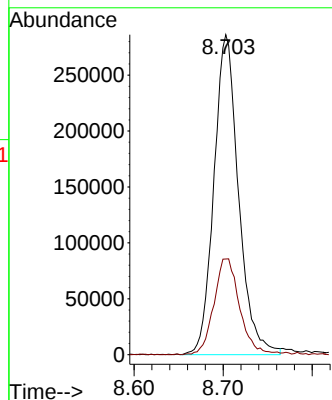
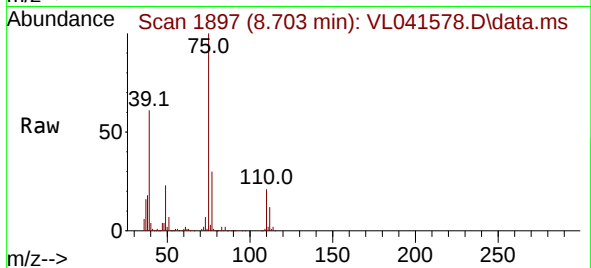
#45
t-1,3-Dichloropropene
Concen: 8.844 ppbv
RT: 8.703 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 75 Resp: 550028
Ion Ratio Lower Upper
75 100
77 29.9 26.5 39.7

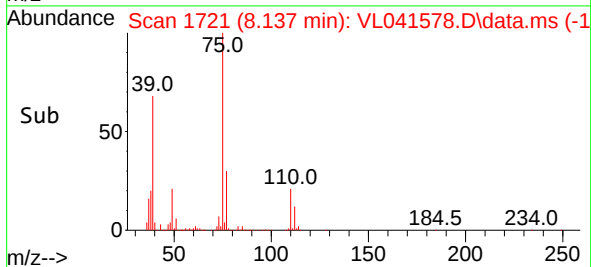
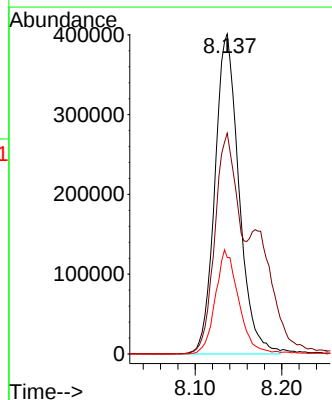
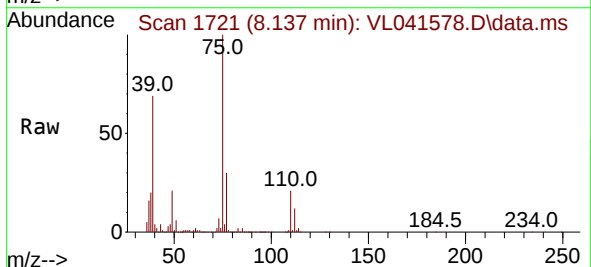
Manual Integrations
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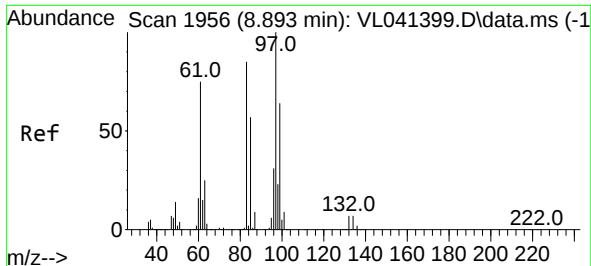
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#46
cis-1,3-Dichloropropene
Concen: 8.634 ppbv
RT: 8.137 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12

Tgt Ion: 75 Resp: 775442
Ion Ratio Lower Upper
75 100
39 68.9 57.3 85.9
77 30.1 26.2 39.2





#47

1,1,2-Trichloroethane

Concen: 9.401 ppbv

RT: 8.889 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VL041578.D

Acq: 22 Aug 2024 8:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 97 Resp: 747560

Ion Ratio Lower Upper

97 100

83 91.2 67.6 101.4

85 57.0 45.9 68.9

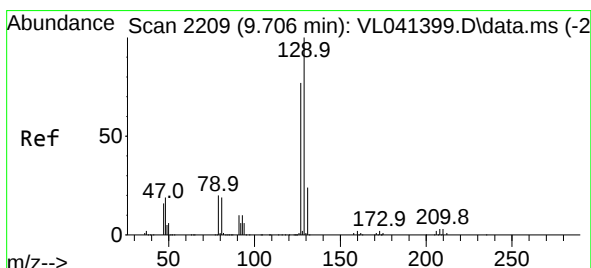
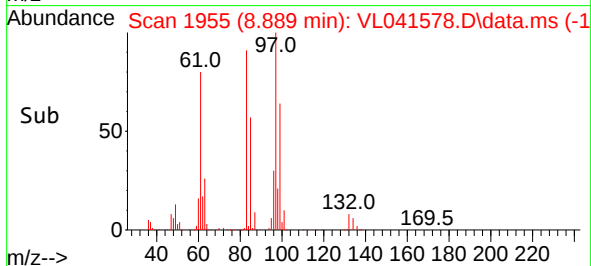
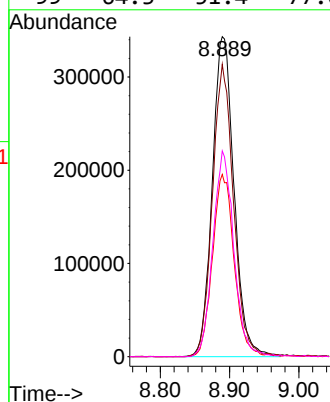
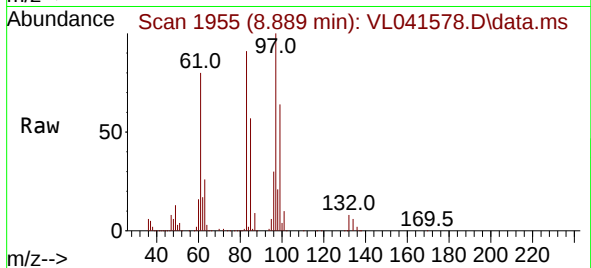
99 64.3 51.4 77.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/23/2024

Supervised By :Mahesh Dadoda 08/23/2024



#48

Dibromochloromethane

Concen: 9.543 ppbv

RT: 9.703 min Scan# 2208

Delta R.T. 0.000 min

Lab File: VL041578.D

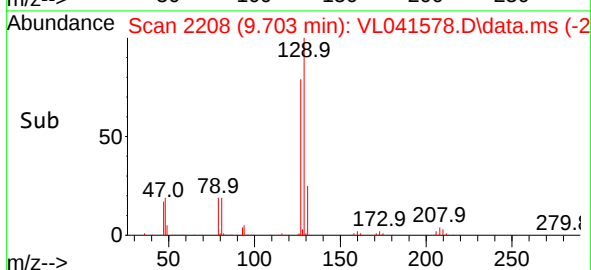
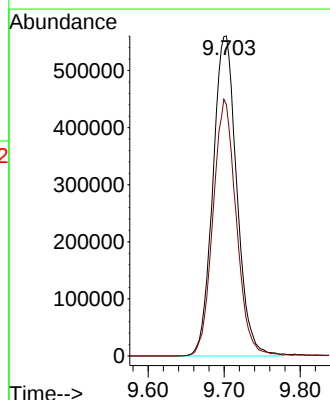
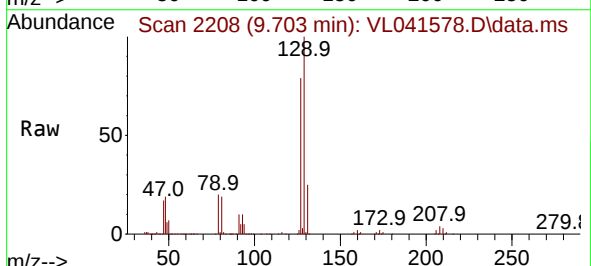
Acq: 22 Aug 2024 8:12

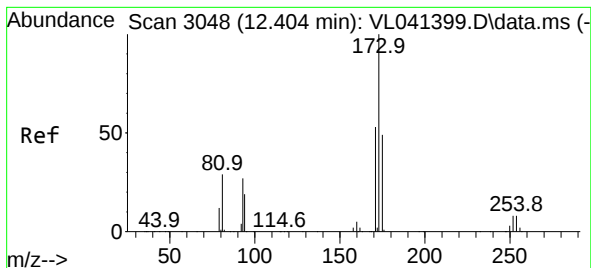
Tgt Ion:129 Resp: 1222551

Ion Ratio Lower Upper

129 100

127 78.7 39.3 117.8





#49

Bromoform

Concen: 10.655 ppbv

RT: 12.397 min Scan# 3048

Delta R.T. 0.000 min

Lab File: VL041578.D

Acq: 22 Aug 2024 8:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:173 Resp: 1153004

Ion Ratio Lower Upper

173 100

175 49.6 39.9 59.9

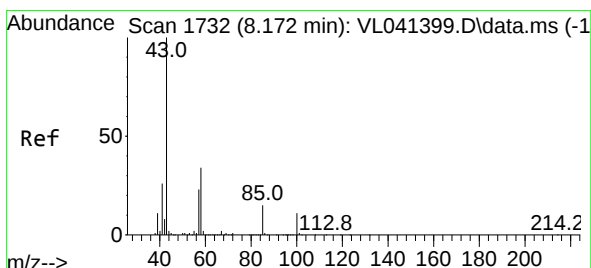
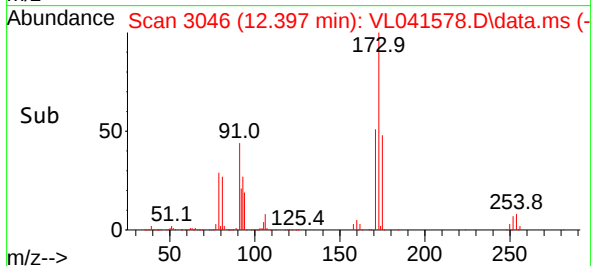
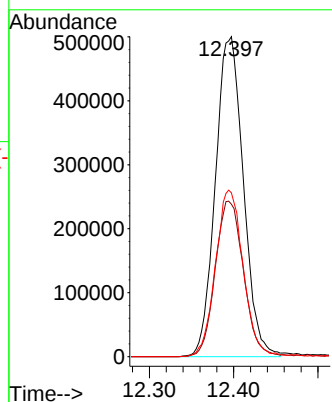
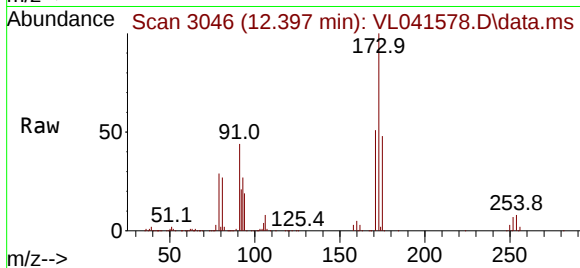
171 51.8 41.7 62.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/23/2024

Supervised By :Mahesh Dadoda 08/23/2024



#50

4-Methyl-2-Pentanone

Concen: 10.062 ppbv

RT: 8.172 min Scan# 1732

Delta R.T. 0.000 min

Lab File: VL041578.D

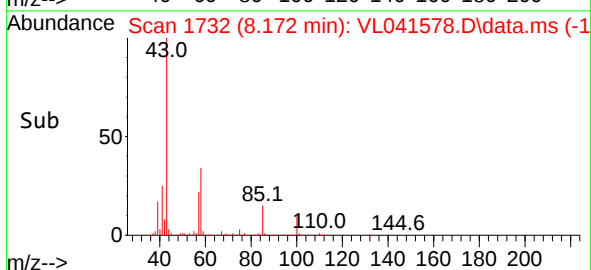
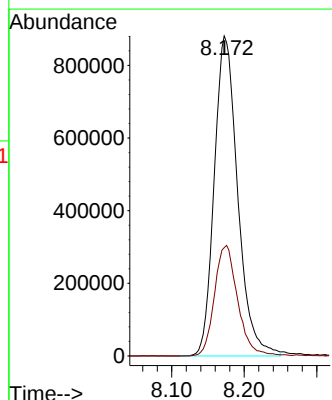
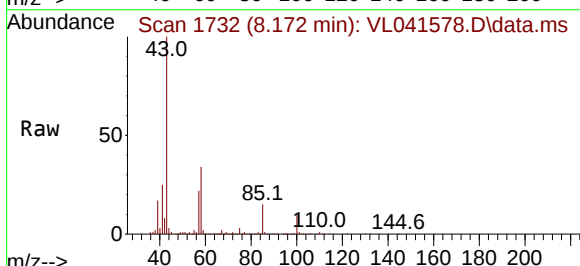
Acq: 22 Aug 2024 8:12

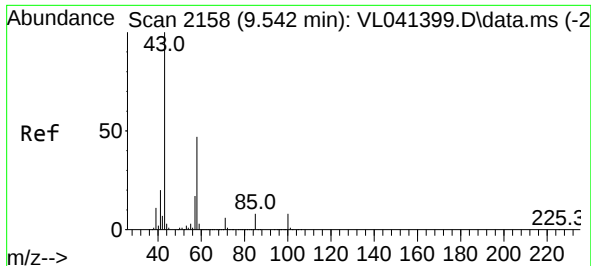
Tgt Ion: 43 Resp: 1980430

Ion Ratio Lower Upper

43 100

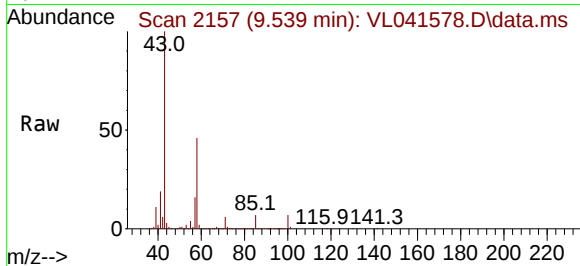
58 34.5 27.9 41.9





#51
2-Hexanone
Concen: 10.682 ppbv
RT: 9.539 min Scan# 2158
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12

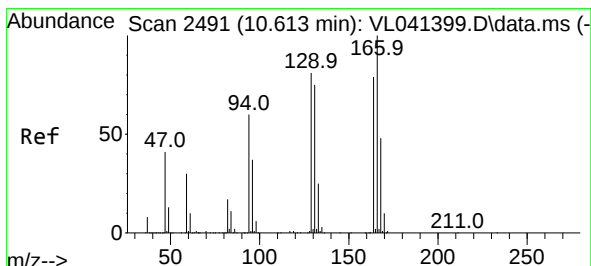
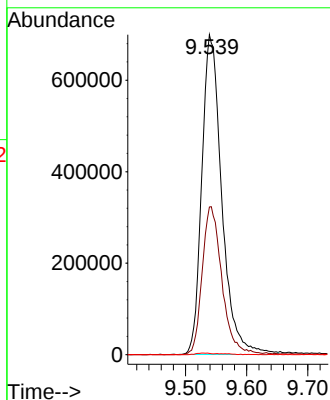
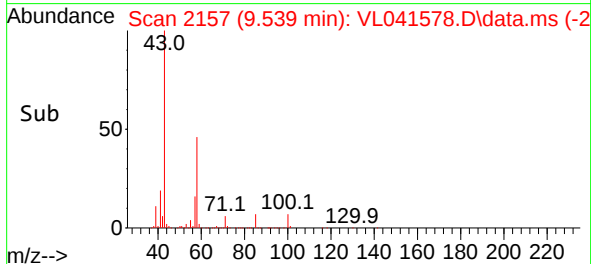
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



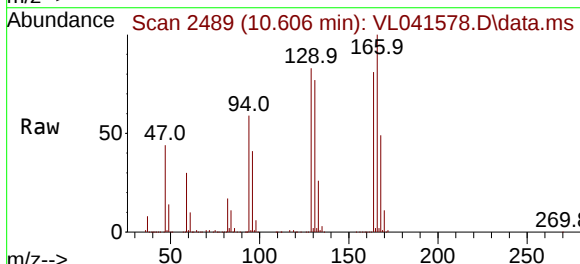
Tgt Ion: 43 Resp: 158966
Ion Ratio Lower Upper
43 100
58 45.9 38.2 57.2
98 0.7 0.3 0.5

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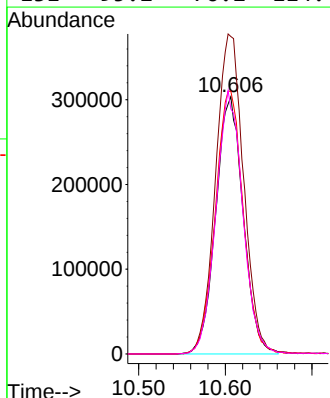
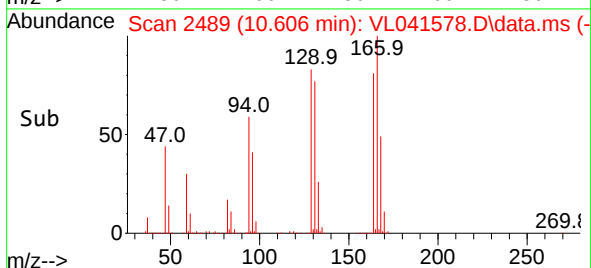
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024

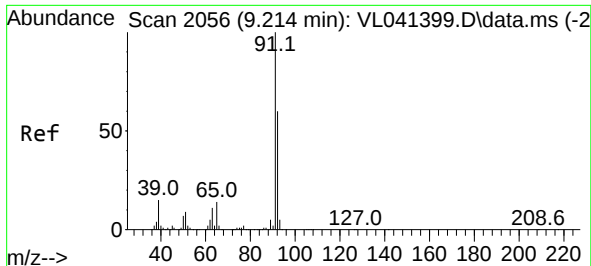


#52
Tetrachloroethene
Concen: 9.143 ppbv
RT: 10.606 min Scan# 2489
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12



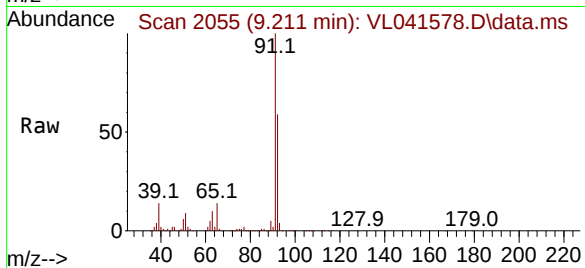
Tgt Ion:164 Resp: 665752
Ion Ratio Lower Upper
164 100
166 123.4 101.1 151.7
129 102.1 81.7 122.5
131 95.2 76.2 114.4





#53
Toluene
Concen: 9.775 ppbv
RT: 9.211 min Scan# 2051709
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12

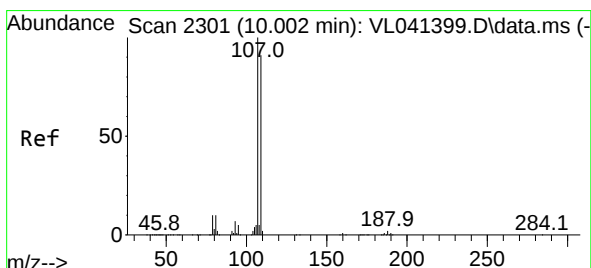
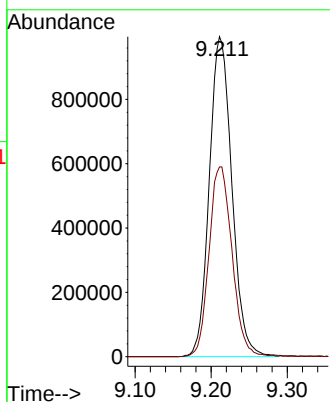
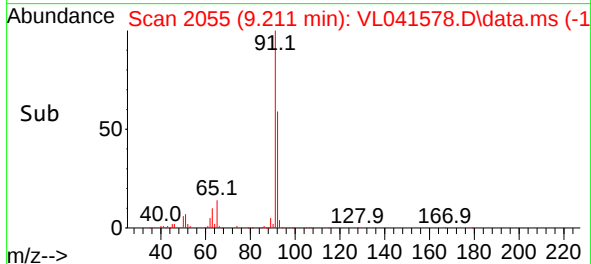
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010



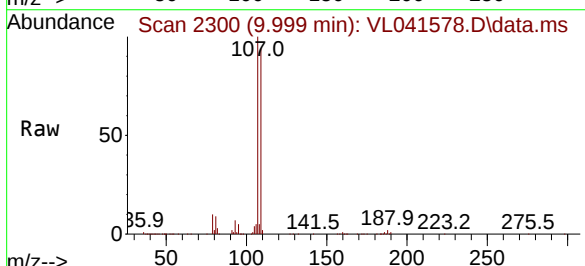
Tgt Ion: 91 Resp: 2051709
Ion Ratio Lower Upper
91 100
92 60.8 48.7 73.1

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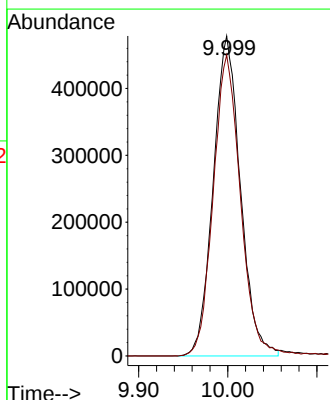
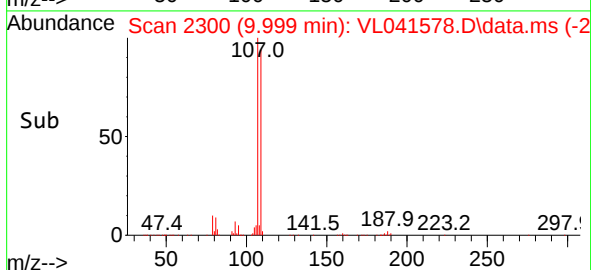
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024

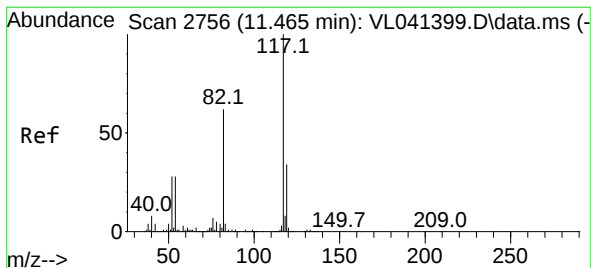


#54
1,2-Dibromoethane
Concen: 9.587 ppbv
RT: 9.999 min Scan# 2300
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12



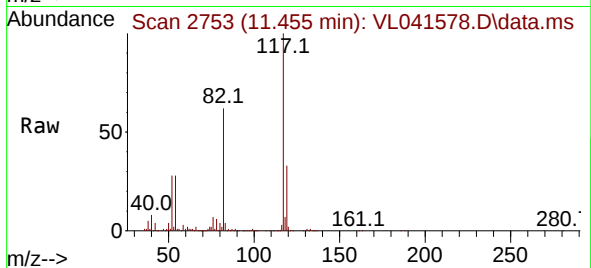
Tgt Ion:107 Resp: 1014769
Ion Ratio Lower Upper
107 100
109 94.1 72.7 109.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.455 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12

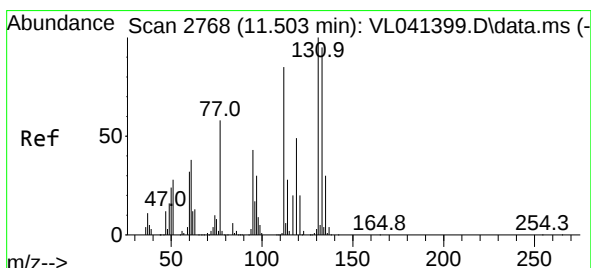
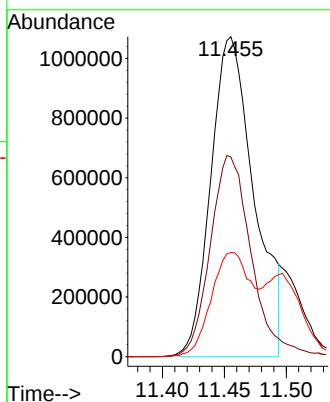
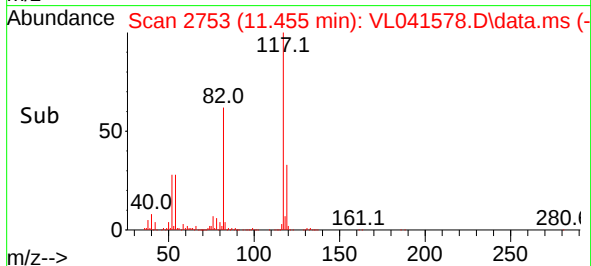
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



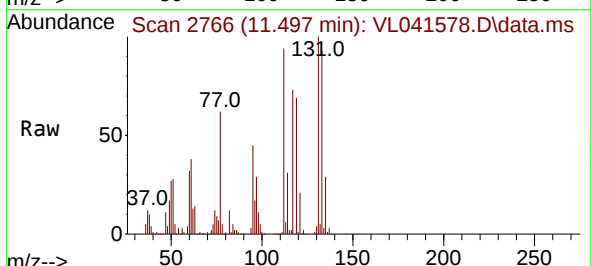
Tgt Ion:117 Resp: 260727
Ion Ratio Lower Upper
117 100
82 60.3 51.0 76.6
119 30.4 45.2 67.8

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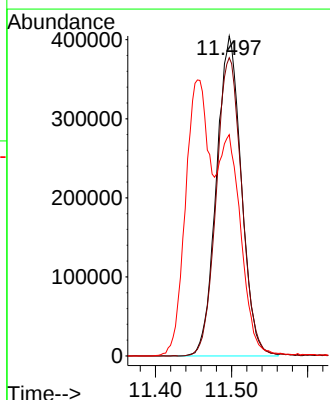
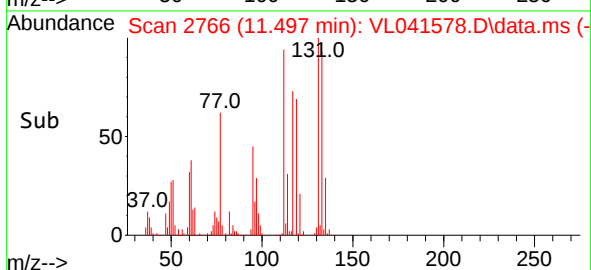
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024

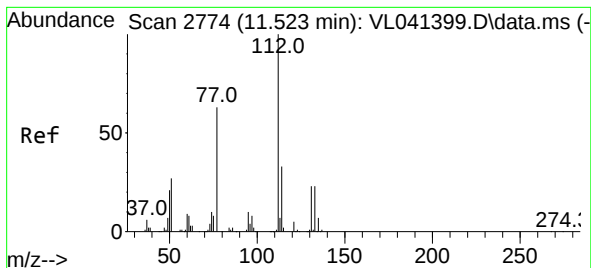


#56
1,1,1,2-Tetrachloroethane
Concen: 9.097 ppbv
RT: 11.497 min Scan# 2766
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12



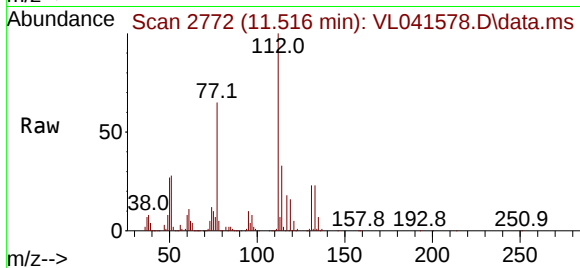
Tgt Ion:131 Resp: 919797
Ion Ratio Lower Upper
131 100
133 95.9 77.0 115.4
119 60.0 121.5 182.3





#57
Chlorobenzene
Concen: 8.966 ppbv
RT: 11.516 min Scan# 211
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12

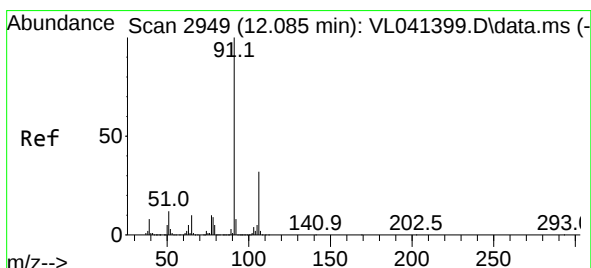
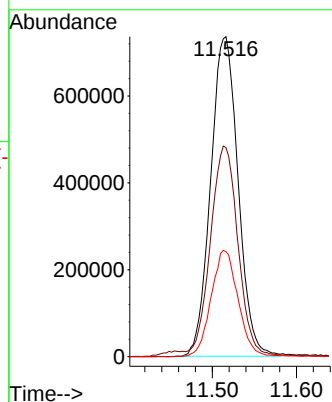
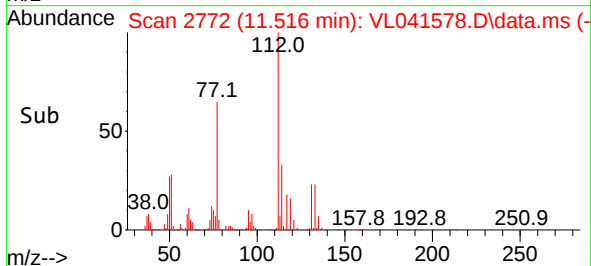
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:112 Resp: 166445
Ion Ratio Lower Upper
112 100
77 64.9 51.1 76.7
114 32.8 29.5 36.1

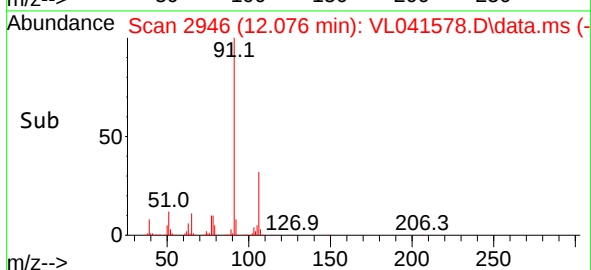
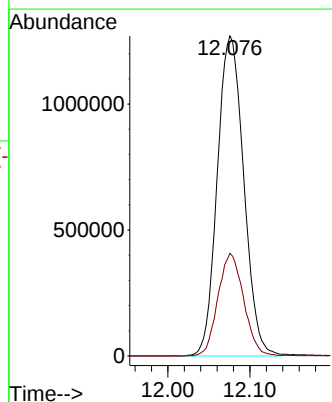
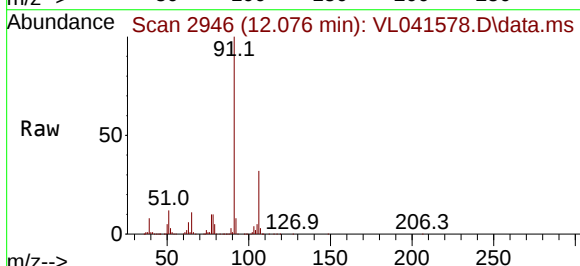
Manual Integrations
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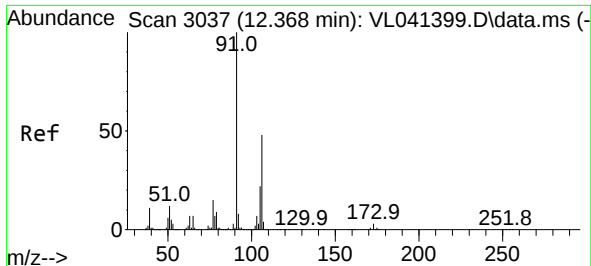
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#58
Ethyl Benzene
Concen: 9.475 ppbv
RT: 12.076 min Scan# 2946
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12

Tgt Ion: 91 Resp: 2847394
Ion Ratio Lower Upper
91 100
106 32.0 25.8 38.8





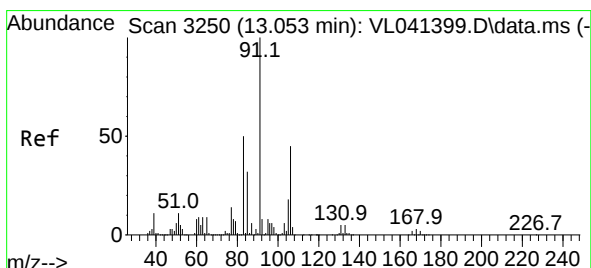
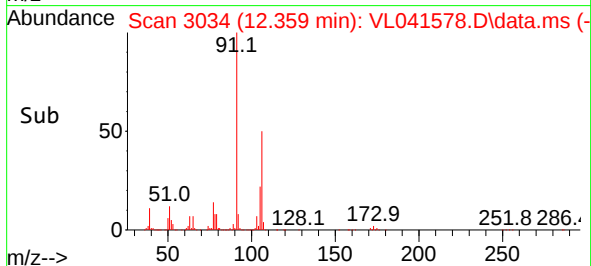
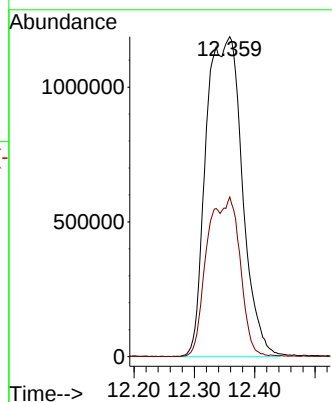
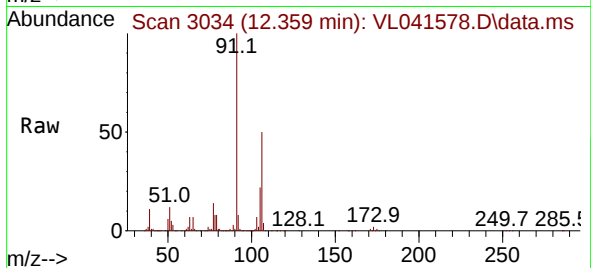
#59
m/p-Xylene
Concen: 19.012 ppbv m
RT: 12.359 min Scan# 3037
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 493205
Ion Ratio Lower Upper
91 100
106 45.5 36.3 54.5

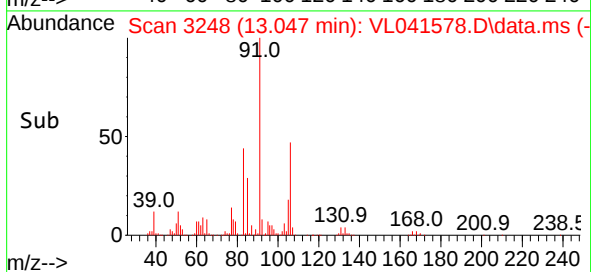
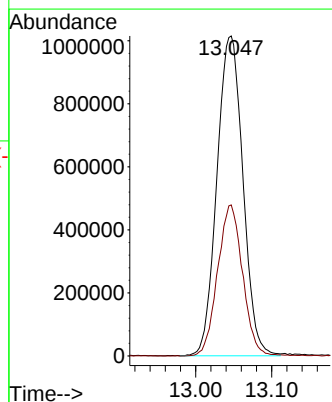
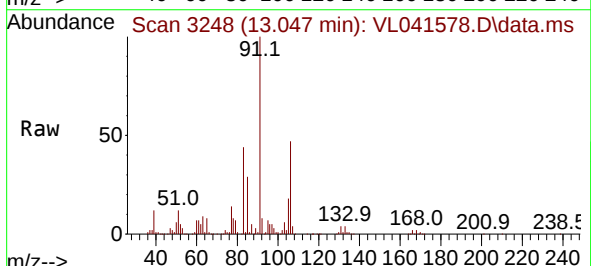
Manual Integrations
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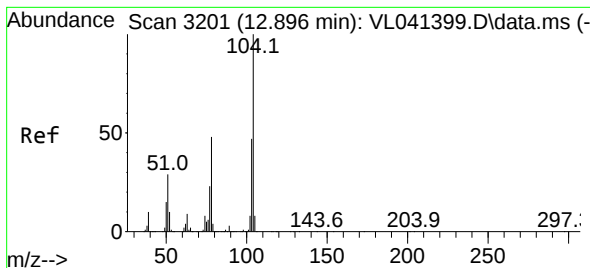
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#60
o-Xylene
Concen: 9.819 ppbv
RT: 13.047 min Scan# 3248
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12

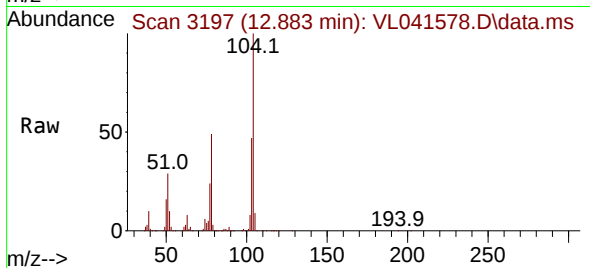
Tgt Ion: 91 Resp: 2409614
Ion Ratio Lower Upper
91 100
106 45.4 23.1 69.3





#61
Styrene
Concen: 10.431 ppbv
RT: 12.883 min Scan# 3117
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12

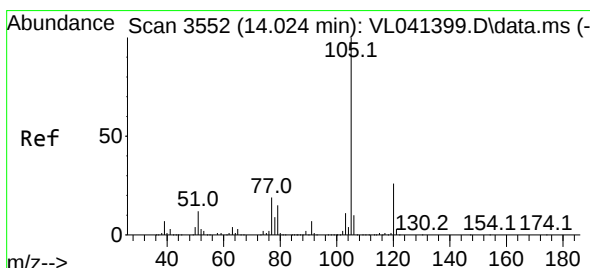
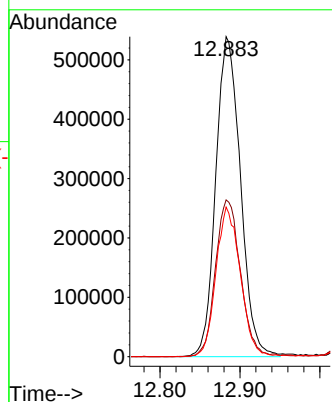
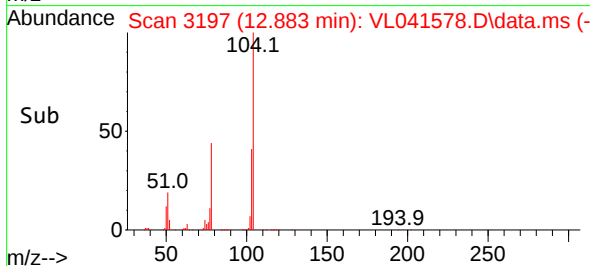
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



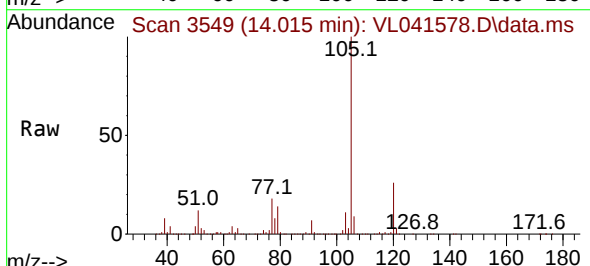
Tgt Ion:104 Resp: 115484
Ion Ratio Lower Upper
104 100
78 50.0 40.8 61.2
103 46.6 38.2 57.4

Manual Integrations
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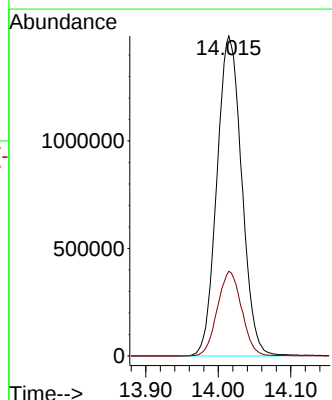
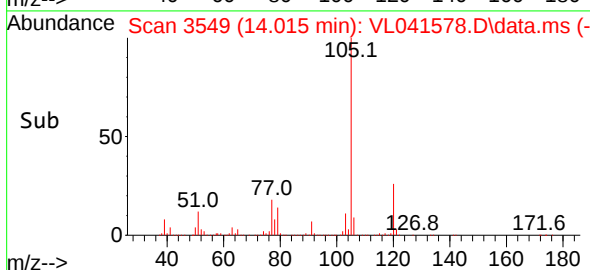
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024

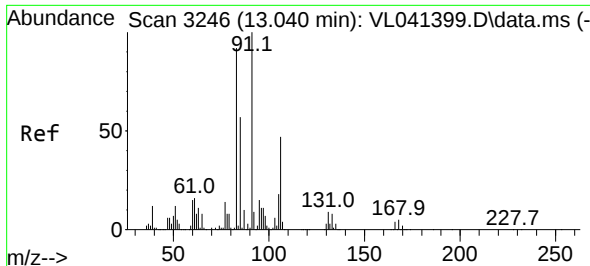


#62
Isopropylbenzene
Concen: 9.464 ppbv
RT: 14.015 min Scan# 3549
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12



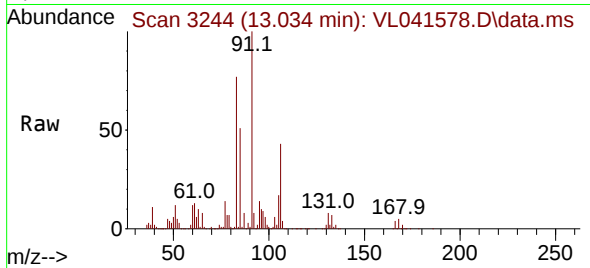
Tgt Ion:105 Resp: 3530699
Ion Ratio Lower Upper
105 100
120 26.1 21.0 31.4





#63
1,1,2,2-Tetrachloroethane
Concen: 9.444 ppbv
RT: 13.034 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12

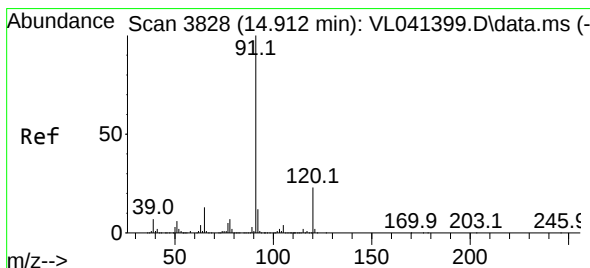
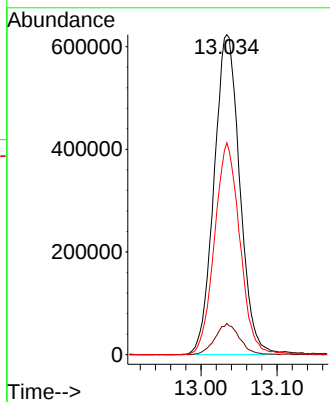
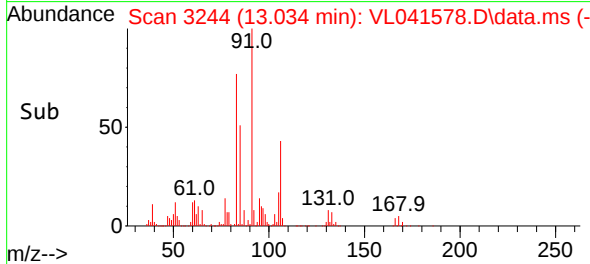
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



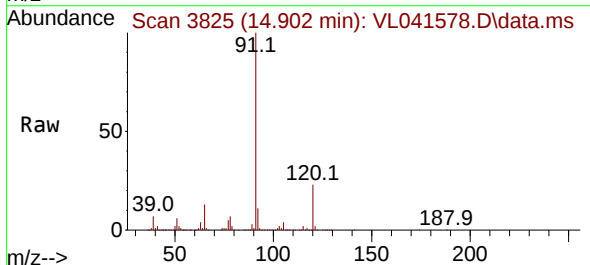
Tgt Ion: 83 Resp: 146344
Ion Ratio Lower Upper
83 100
131 9.4 4.8 14.4
85 65.8 32.6 98.0

Manual Integrations
APPROVED

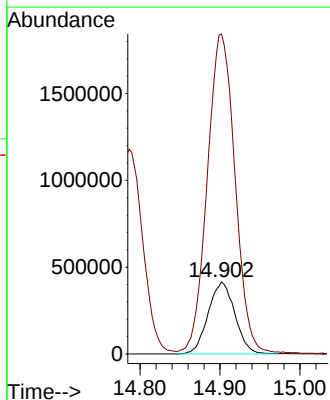
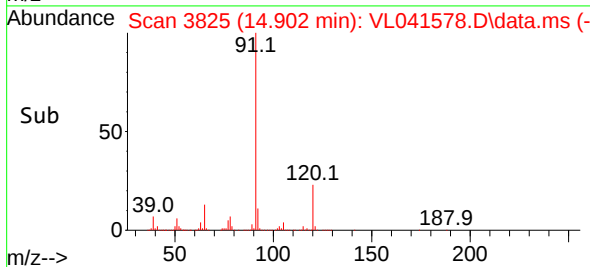
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024

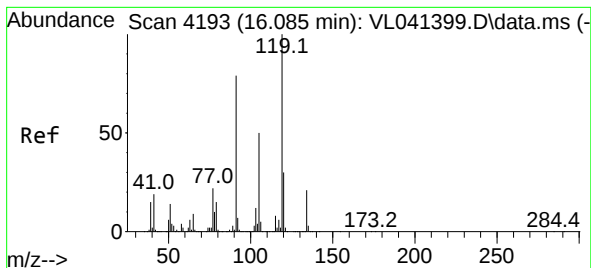


#64
n-propylbenzene
Concen: 9.844 ppbv
RT: 14.902 min Scan# 3825
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12



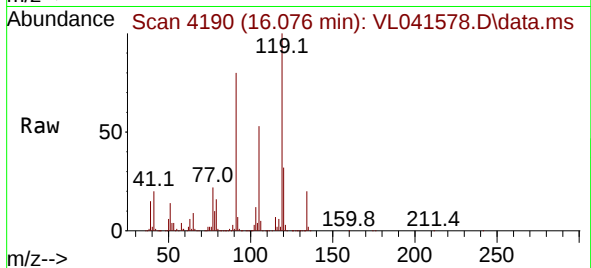
Tgt Ion:120 Resp: 960147
Ion Ratio Lower Upper
120 100
91 465.0 361.4 542.0





#65
tert-Butylbenzene
Concen: 9.915 ppbv
RT: 16.076 min Scan# 4190
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12

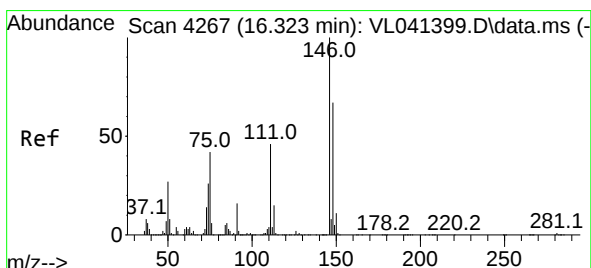
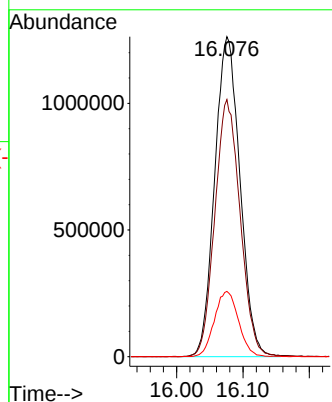
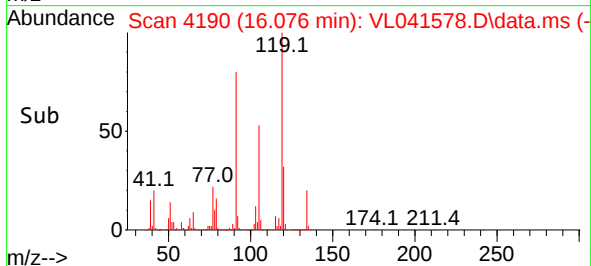
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



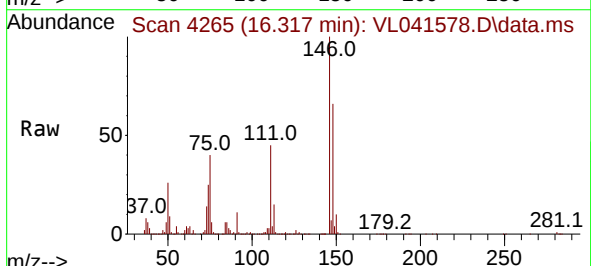
Tgt Ion: 119 Resp: 334119
Ion Ratio Lower Upper
119 100
91 80.6 64.2 96.2
134 19.6 15.7 23.5

Manual Integrations
APPROVED

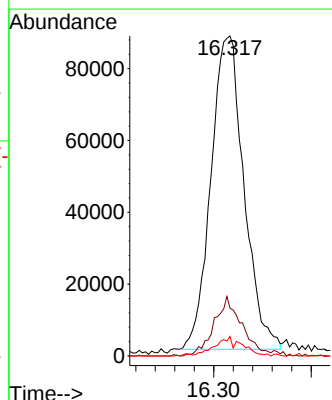
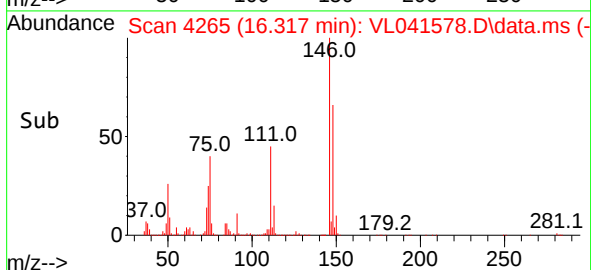
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024

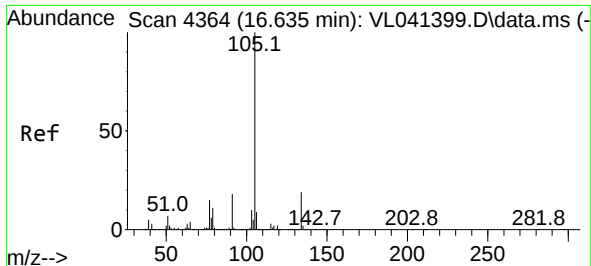


#66
Benzyl Chloride
Concen: 9.505 ppbv
RT: 16.317 min Scan# 4265
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12



Tgt Ion: 91 Resp: 205433
Ion Ratio Lower Upper
91 100
126 16.4 13.8 20.8
128 5.4 4.4 6.6





#67

sec-Butylbenzene

Concen: 10.217 ppbv

RT: 16.622 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041578.D

Acq: 22 Aug 2024 8:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 4743225

Ion Ratio Lower Upper

105 100

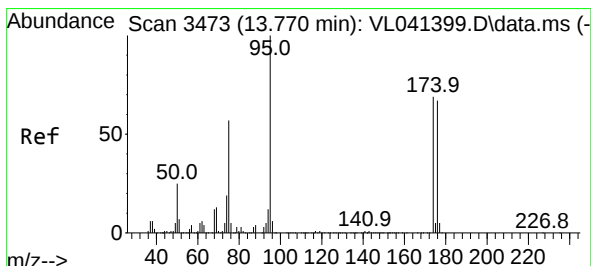
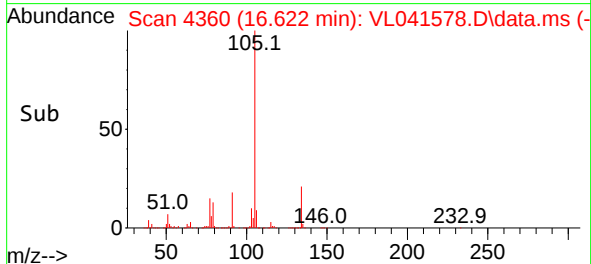
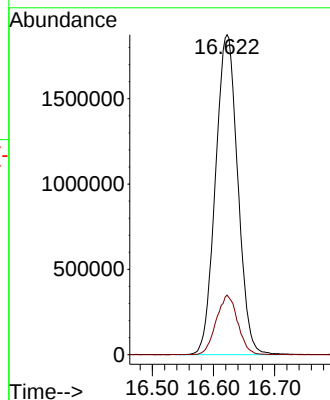
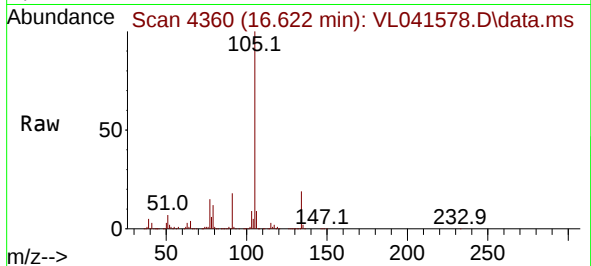
134 18.1 14.5 21.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/23/2024

Supervised By :Mahesh Dadoda 08/23/2024



#68

1-Bromo-4-Fluorobenzene

Concen: 9.731 ppbv

RT: 13.764 min Scan# 3471

Delta R.T. 0.000 min

Lab File: VL041578.D

Acq: 22 Aug 2024 8:12

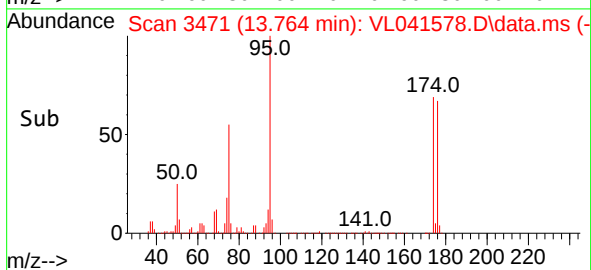
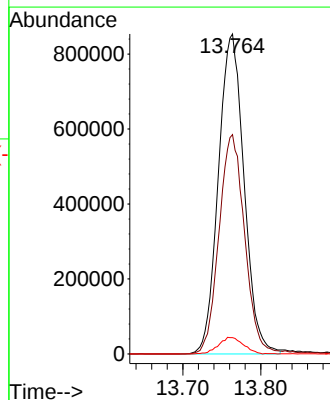
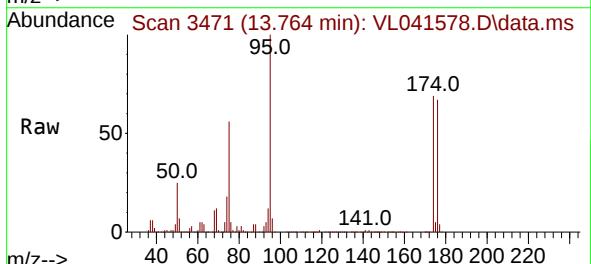
Tgt Ion: 95 Resp: 1952454

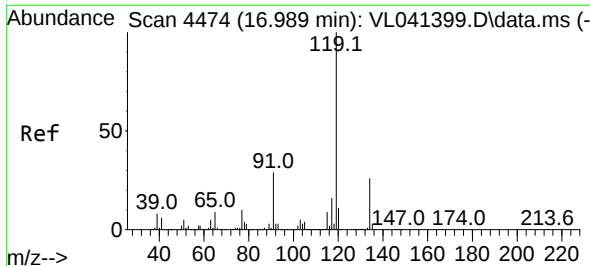
Ion Ratio Lower Upper

95 100

174 69.6 56.3 84.5

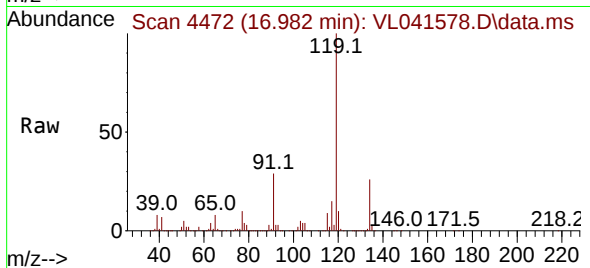
175 5.1 4.0 6.0





#69
p-Isopropyltoluene
Concen: 10.523 ppbv
RT: 16.982 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12

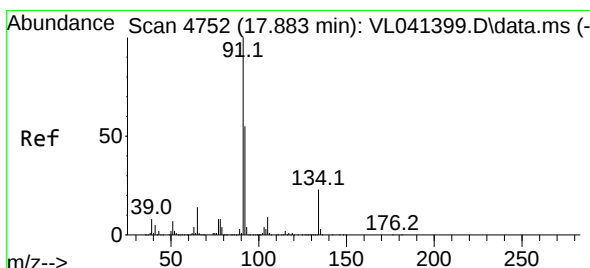
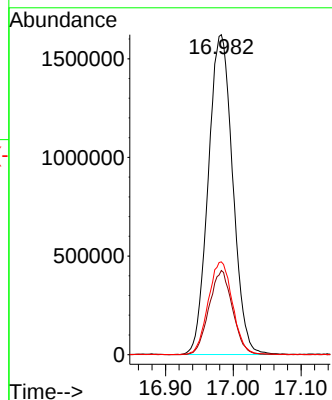
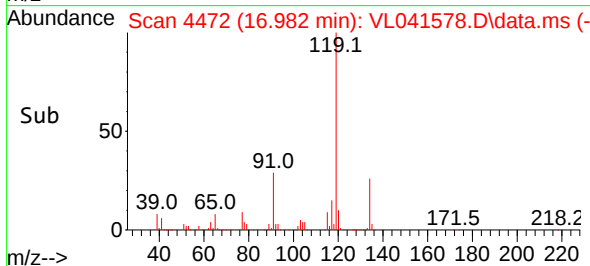
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:119 Resp: 4053997
Ion Ratio Lower Upper
119 100
134 25.4 20.5 30.7
91 29.1 23.2 34.8

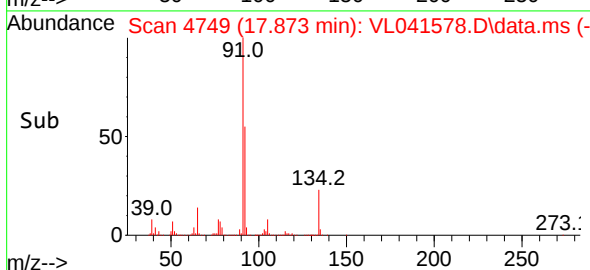
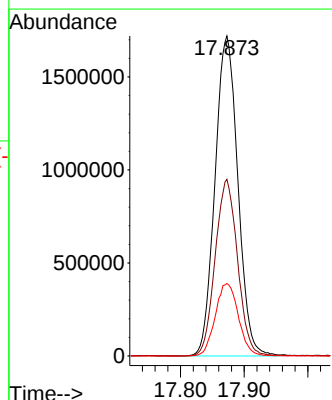
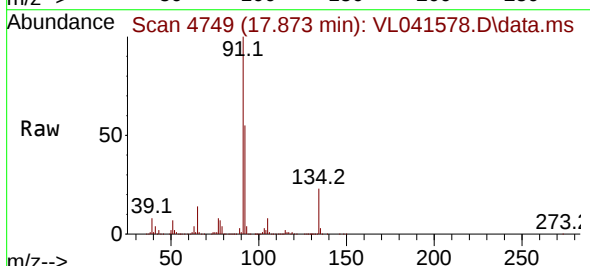
Manual Integrations
APPROVED

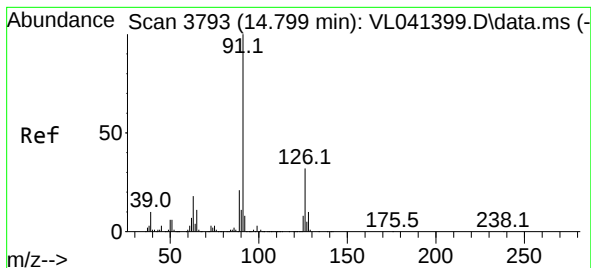
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#70
n-Butylbenzene
Concen: 10.864 ppbv
RT: 17.873 min Scan# 4749
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12

Tgt Ion: 91 Resp: 4290563
Ion Ratio Lower Upper
91 100
92 54.1 43.2 64.8
134 23.0 18.5 27.7





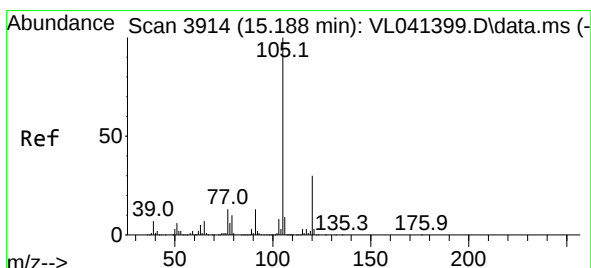
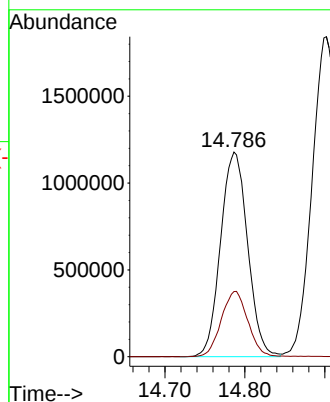
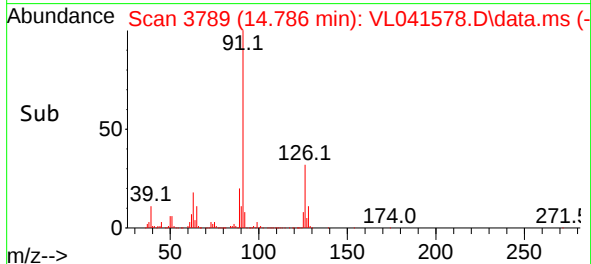
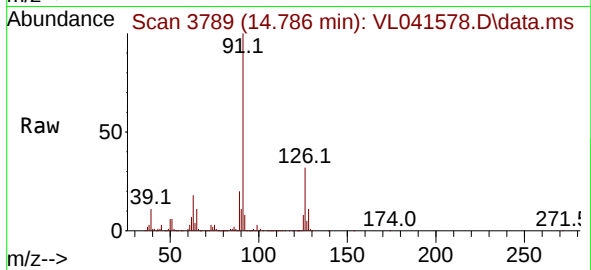
#71
2-Chlorotoluene
Concen: 10.064 ppbv
RT: 14.786 min Scan# 3111
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 276875
Ion Ratio Lower Upper
91 100
126 31.7 12.7 50.9

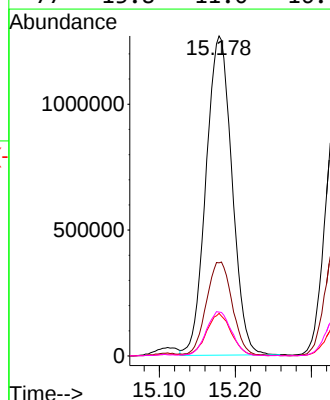
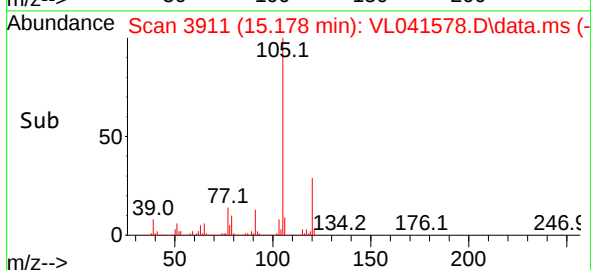
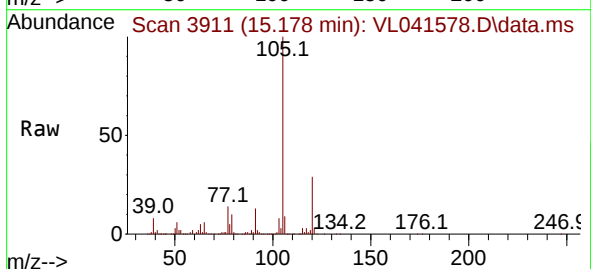
Manual Integrations
APPROVED

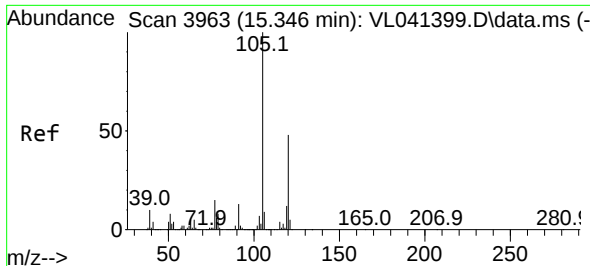
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#72
4-Ethyltoluene
Concen: 10.405 ppbv
RT: 15.178 min Scan# 3911
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12

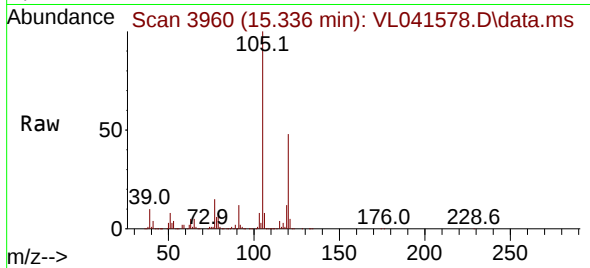
Tgt Ion:105 Resp: 3006316
Ion Ratio Lower Upper
105 100
120 29.7 24.2 36.2
91 12.7 10.4 15.6
77 13.8 11.0 16.4





#73
1,3,5-Trimethylbenzene
Concen: 10.544 ppbv
RT: 15.336 min Scan# 3963
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12

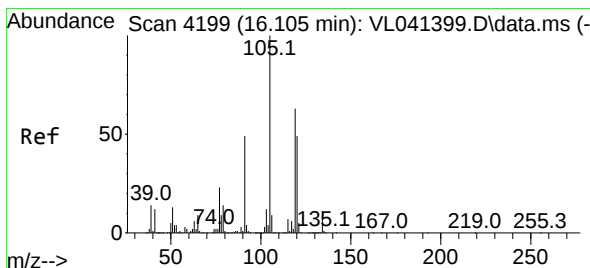
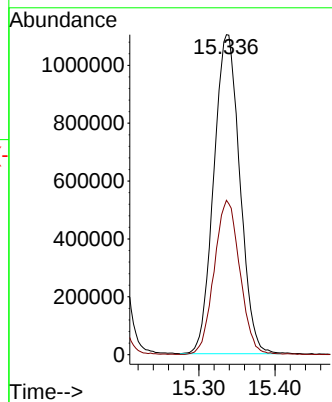
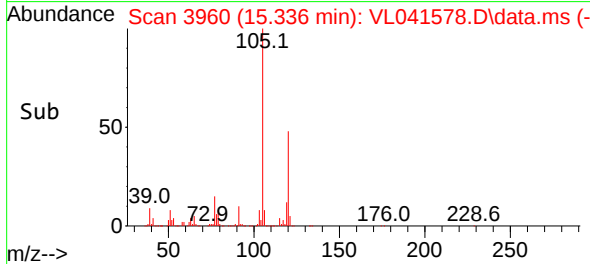
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



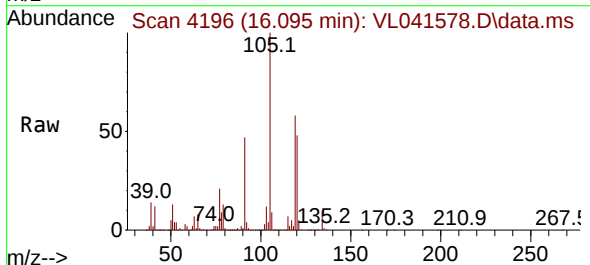
Tgt Ion:105 Resp: 2624350
Ion Ratio Lower Upper
105 100
120 48.3 38.6 57.8

Manual Integrations
APPROVED

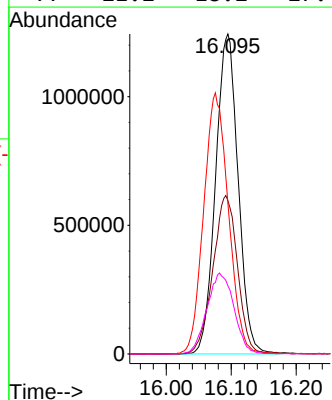
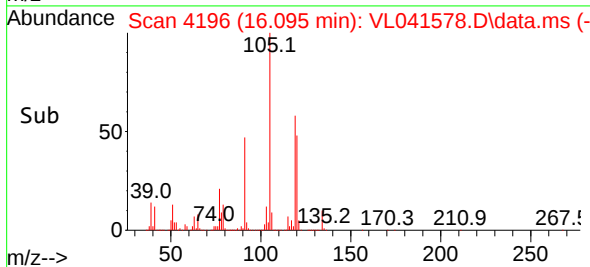
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024

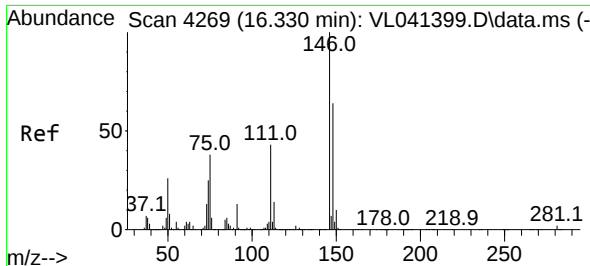


#74
1,2,4-Trimethylbenzene
Concen: 10.345 ppbv
RT: 16.095 min Scan# 4196
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12



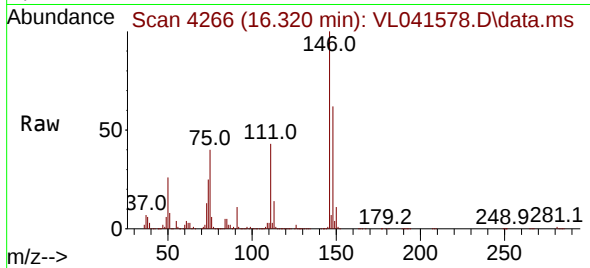
Tgt Ion:105 Resp: 2993401
Ion Ratio Lower Upper
105 100
120 47.9 39.5 59.3
91 47.0 39.8 59.8
77 21.2 18.2 27.4





#75
1,3-Dichlorobenzene
Concen: 10.414 ppbv
RT: 16.320 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12

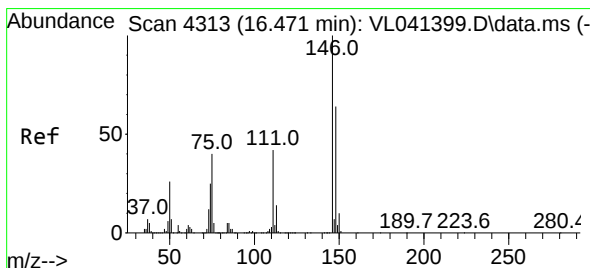
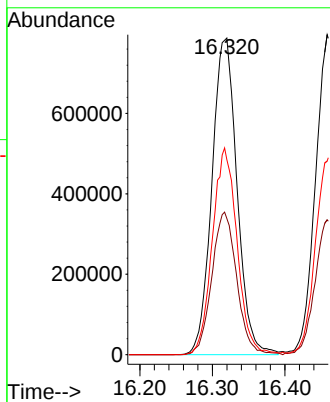
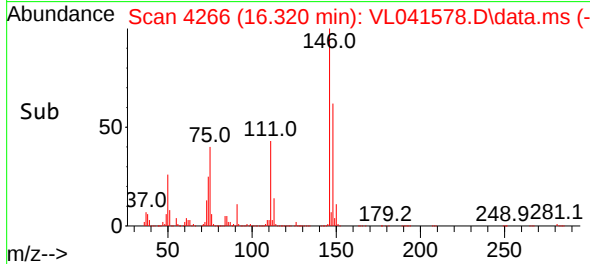
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



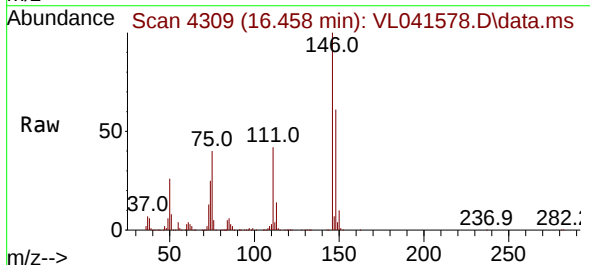
Tgt Ion:146 Resp: 189424
Ion Ratio Lower Upper
146 100
111 44.7 22.6 67.8
148 64.2 32.3 96.8

Manual Integrations
APPROVED

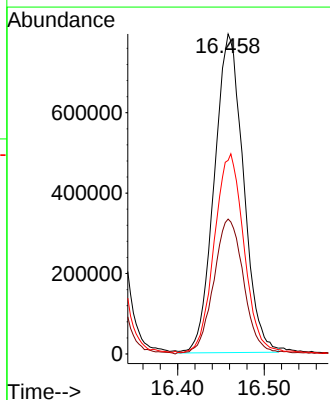
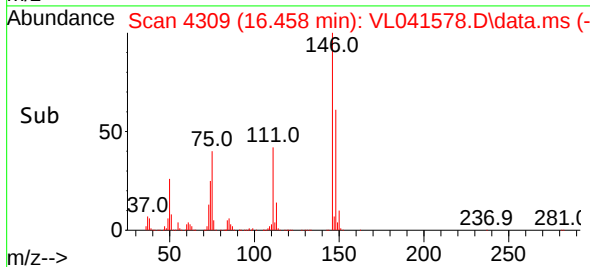
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024

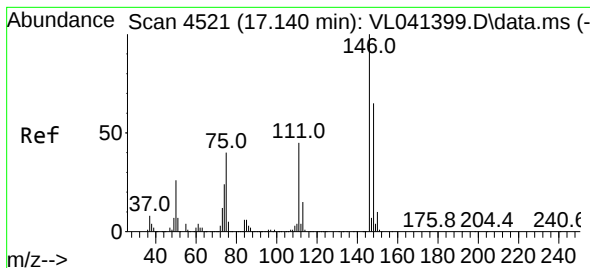


#76
1,4-Dichlorobenzene
Concen: 10.503 ppbv
RT: 16.458 min Scan# 4309
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12



Tgt Ion:146 Resp: 1849892
Ion Ratio Lower Upper
146 100
111 43.8 22.4 67.0
148 64.8 33.1 99.5





#77

1,2-Dichlorobenzene

Concen: 10.490 ppbv

RT: 17.127 min Scan# 4517

Delta R.T. 0.000 min

Lab File: VL041578.D

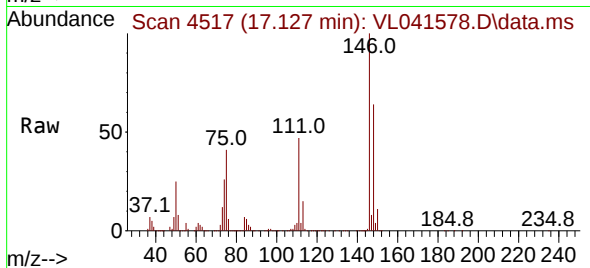
Acq: 22 Aug 2024 8:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:146 Resp: 189167

Ion Ratio Lower Upper

146 100

111 47.2 23.4 70.0

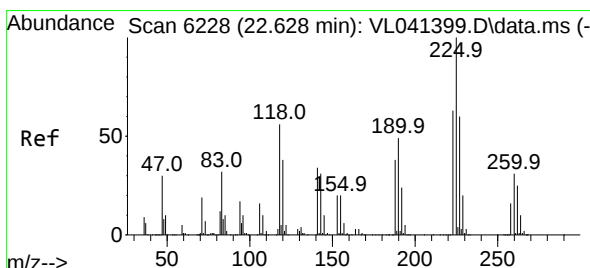
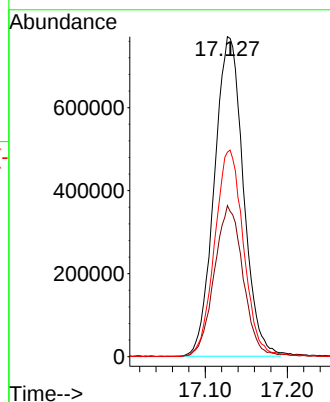
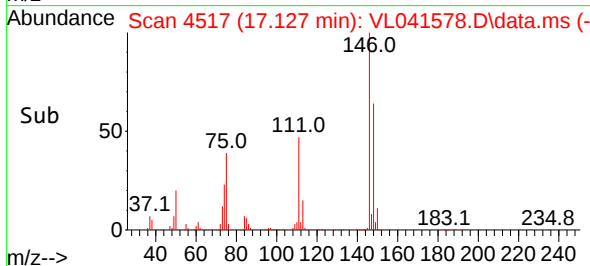
148 64.5 32.2 96.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/23/2024

Supervised By :Mahesh Dadoda 08/23/2024



#78

Hexachloro-1,3-Butadiene

Concen: 9.745 ppbv m

RT: 22.622 min Scan# 6226

Delta R.T. 0.000 min

Lab File: VL041578.D

Acq: 22 Aug 2024 8:12

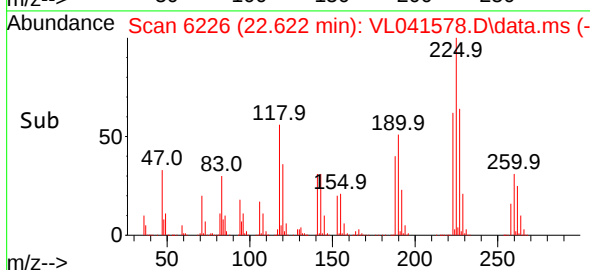
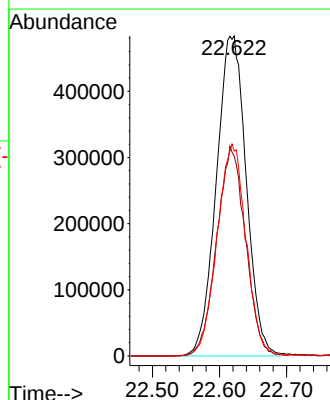
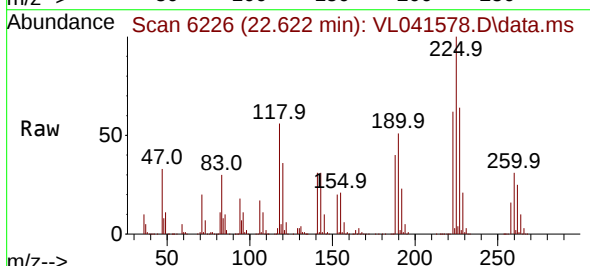
Tgt Ion:225 Resp: 1498523

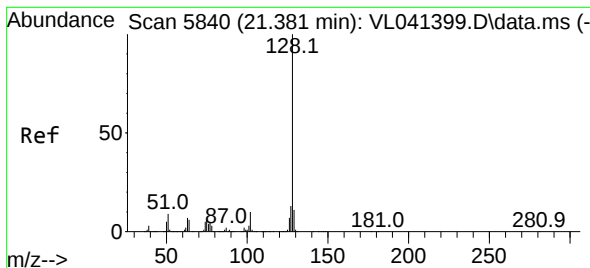
Ion Ratio Lower Upper

225 100

223 0.0 50.6 76.0#

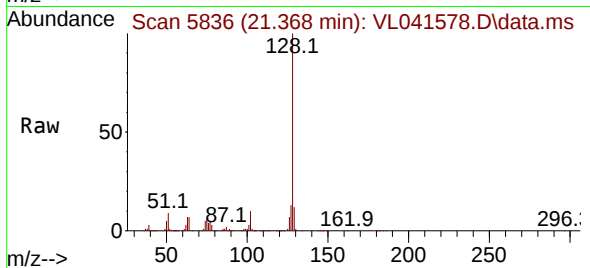
227 64.4 50.8 76.2





#79
Naphthalene
Concen: 12.935 ppbv
RT: 21.368 min Scan# 5836
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12

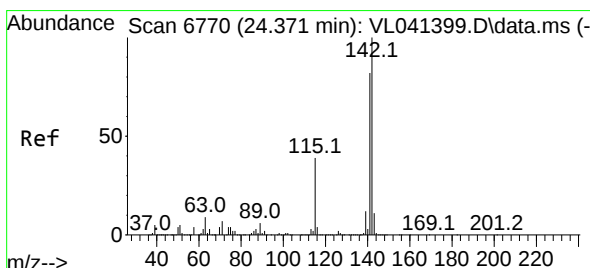
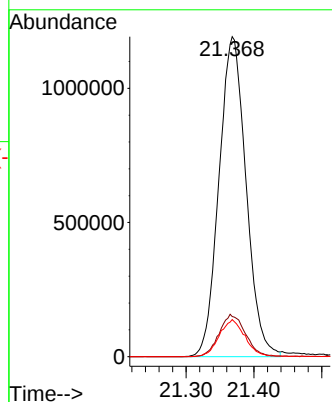
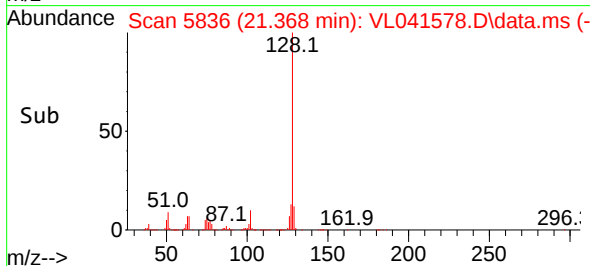
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



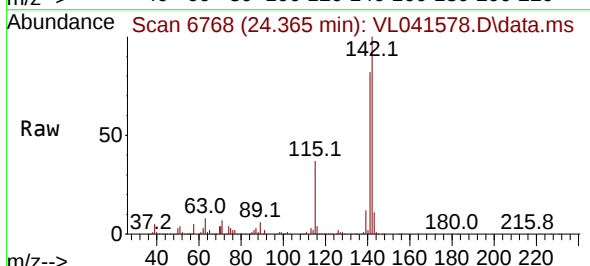
Tgt Ion:128 Resp: 330381
Ion Ratio Lower Upper
128 100
127 12.5 10.3 15.5
129 11.6 9.0 13.4

Manual Integrations
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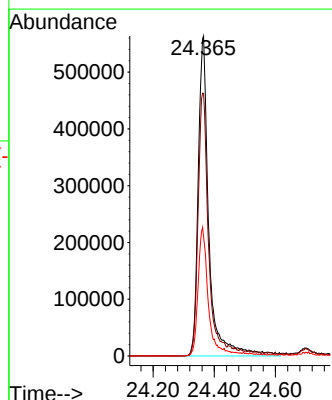
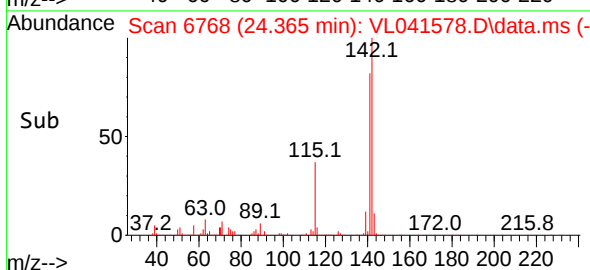
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024

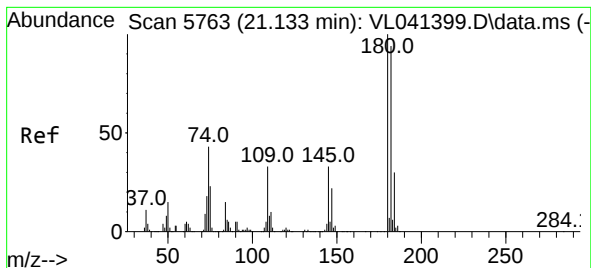


#80
Naphthalene,2-methyl-
Concen: 6.433 ppbv
RT: 24.365 min Scan# 6768
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12



Tgt Ion:142 Resp: 1377262
Ion Ratio Lower Upper
142 100
141 84.1 67.0 100.4
115 40.1 32.2 48.2





#81

1,2,4-Trichlorobenzene

Concen: 11.250 ppbv

RT: 21.124 min Scan# 51

Delta R.T. 0.000 min

Lab File: VL041578.D

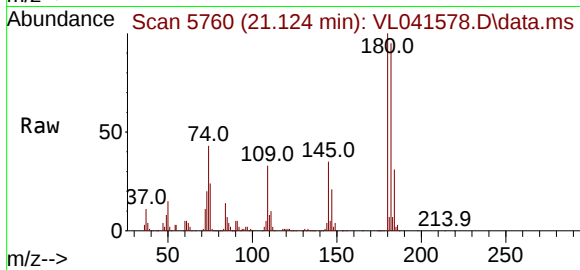
Acq: 22 Aug 2024 8:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:180 Resp: 170993

Ion Ratio Lower Upper

180 100

182 97.9 76.7 115.1

184 30.5 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/23/2024

Supervised By :Mahesh Dadoda 08/23/2024

