

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042524\
 Data File : VL041176.D
 Acq On : 25 Apr 2024 18:33
 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 04/26/2024
 Supervised By :Mahesh Dadoda 04/26/2024

Quant Time: Apr 26 03:16:07 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL040424AIR.M

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

QLast Update : Fri Apr 26 03:09:28 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.179	49	1154601	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.639	114	2945735	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.446	117	2974725	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.748 95 2382647 9.961 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 99.600%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.732	85	1787728	9.052	ppbv	99
3) Chlorodifluoromethane	2.677	51	1867232	10.500	ppbv	99
4) Chloromethane	2.816	50	708163	10.523	ppbv	98
5) Vinyl Chloride	2.922	62	736282	11.326	ppbv	97
6) Bromomethane	3.118	94	267513	10.932	ppbv	96
7) Chloroethane	3.195	64	253109	10.609	ppbv	97
8) Dichlorotetrafluoroethane	2.861	85	1802273	10.697	ppbv	99
9) Propene	2.697	41	629378	11.125	ppbv	94
10) Heptane	7.561	43	1561160	11.623	ppbv	99
11) Trichlorofluoromethane	3.558	101	1841789	10.284	ppbv	95
12) 1,1,2-Trichlorotrifluo...	4.060	101	1314382	10.140	ppbv	100
13) Ethanol	3.240	45	130256	9.680	ppbv	96
14) Bromoethene	3.362	108	568755	11.140	ppbv	98
15) Acetone	3.465	43	1341881	10.733	ppbv	100
16) 1,3-Butadiene	2.986	39	696179	11.344	ppbv	99
17) tert-Butyl alcohol	3.870	59	1232008	10.881	ppbv	100
18) 1,1-Dichloroethene	3.874	96	590650	10.673	ppbv	95
19) Isopropyl Alcohol	3.571	45	860746	11.333	ppbv	99
20) Methylene Chloride	3.928	84	506534	9.824	ppbv	97
21) Allyl Chloride	3.993	41	829700	10.892	ppbv	98
22) trans-1,2-Dichloroethene	4.436	96	605968	10.444	ppbv	99
23) Vinyl Acetate	4.616	43	1456653	11.406	ppbv	98
24) 1,1-Dichloroethane	4.555	63	1250027	10.757	ppbv	99
25) Ethyl Acetate	5.192	43	2670915	11.376	ppbv	100
26) Hexane	5.201	57	1130245	10.729	ppbv	98
27) Carbon Disulfide	4.118	76	1450878	11.240	ppbv	98
28) Methyl tert-Butyl Ether	4.578	73	845915	10.640	ppbv	100
29) Chloroform	5.263	83	1946707	10.962	ppbv	98
30) Cyclohexane	6.587	84	961981	11.210	ppbv	99
31) cis-1,2-Dichloroethene	5.066	61	1146946	11.502	ppbv	99
32) 1,1,1-Trichloroethane	5.989	97	1909055	11.629	ppbv	100
34) 2-Butanone	4.774	43	1389287	11.145	ppbv	99
35) Carbon Tetrachloride	6.478	117	1978415	11.797	ppbv	96
36) Benzene	6.356	78	2435982	11.261	ppbv	99
37) 1,2-Dichloroethane	5.793	62	1454409	11.198	ppbv	99
38) Trichloroethene	7.275	130	981585	12.560	ppbv	98
39) 1,2-Dichloropropane	7.053	63	963183	11.292	ppbv	97
40) 1,4-Dioxane	7.269	88	376785	12.675	ppbv	77
41) Tetrahydrofuran	5.545	42	980491	11.814	ppbv	100
42) Bromodichloromethane	7.234	83	2140976	11.538	ppbv	98
43) Methyl Methacrylate	7.455	69	1023062	12.416	ppbv	99
44) 2,2,4-Trimethylpentane	7.311	57	4079844	11.392	ppbv	99
45) t-1,3-Dichloropropene	8.693	75	704090	14.500	ppbv	97

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL040424AIR.M

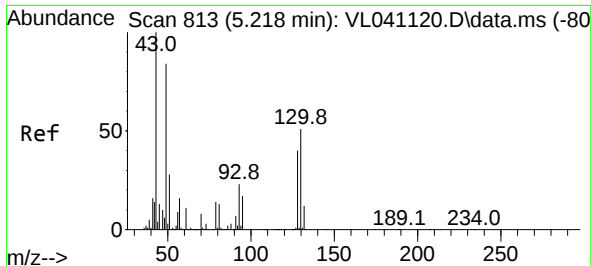
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Fri Apr 26 03:09:28 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.121	75	854543	13.602	ppbv	98
47) 1,1,2-Trichloroethane	8.877	97	1061055	11.510	ppbv	98
48) Dibromochloromethane	9.690	129	1796459	12.276	ppbv	100
49) Bromoform	12.384	173	1465632	12.642	ppbv	99
50) 4-Methyl-2-Pentanone	8.160	43	2637988	12.026	ppbv	99
51) 2-Hexanone	9.529	43	1919352	12.620	ppbv #	99
52) Tetrachloroethene	10.590	164	832996	12.069	ppbv	96
53) Toluene	9.201	91	2802884	12.306	ppbv	100
54) 1,2-Dibromoethane	9.986	107	1442536	12.547	ppbv	97
56) 1,1,1,2-Tetrachloroethane	11.487	131	1316559	10.769	ppbv	100
57) Chlorobenzene	11.507	112	2210294	10.854	ppbv	97
58) Ethyl Benzene	12.066	91	3830364	11.761	ppbv	97
59) m/p-Xylene	12.349	91	6599132m	22.436	ppbv	
60) o-Xylene	13.037	91	3154940	11.321	ppbv	100
61) Styrene	12.873	104	1594174	12.909	ppbv	100
62) Isopropylbenzene	14.005	105	4629038	11.157	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.024	83	2417425	11.040	ppbv	99
64) n-propylbenzene	14.892	120	1213011	11.650	ppbv	97
65) tert-Butylbenzene	16.066	119	4109038	11.344	ppbv	100
66) Benzyl Chloride	16.304	91	288097	12.089	ppbv	99
67) sec-Butylbenzene	16.609	105	5849117	11.177	ppbv	99
69) p-Isopropyltoluene	16.969	119	4723502	11.575	ppbv	100
70) n-Butylbenzene	17.860	91	5171619	11.666	ppbv	100
71) 2-Chlorotoluene	14.777	91	3612589	11.352	ppbv	99
72) 4-Ethyltoluene	15.169	105	3637901	11.687	ppbv	99
73) 1,3,5-Trimethylbenzene	15.326	105	3187793	11.612	ppbv	96
74) 1,2,4-Trimethylbenzene	16.082	105	3564371	11.345	ppbv	98
75) 1,3-Dichlorobenzene	16.304	146	2080912	11.344	ppbv	99
76) 1,4-Dichlorobenzene	16.452	146	1997169	11.193	ppbv	100
77) 1,2-Dichlorobenzene	17.117	146	2010199	11.285	ppbv	100
78) Hexachloro-1,3-Butadiene	22.599	225	1235636	10.434	ppbv	99
79) Naphthalene	21.355	128	3013158	14.949	ppbv	99
80) Naphthalene,2-methyl-	24.355	142	663941	16.910	ppbv	98
81) 1,2,4-Trichlorobenzene	21.114	180	1452433	12.854	ppbv	99

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



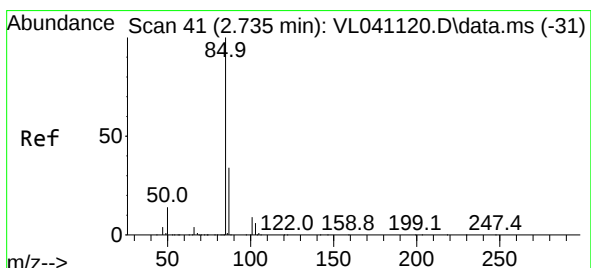
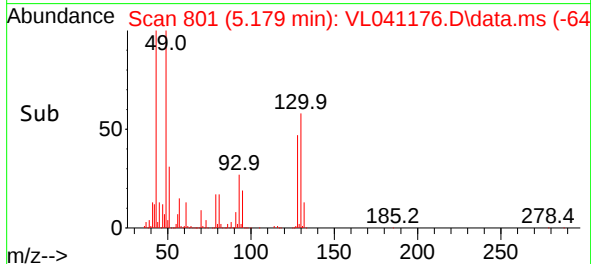
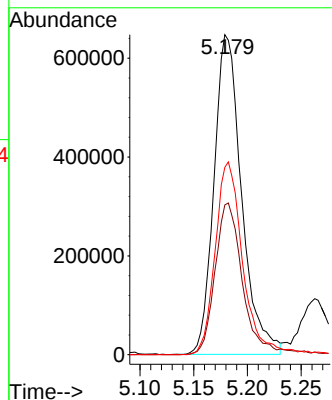
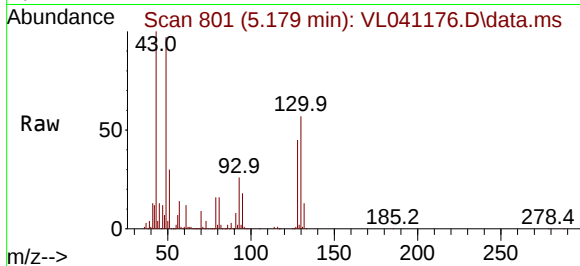
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.179 min Scan# 80
Delta R.T. -0.000 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 49 Resp: 115460
Ion Ratio Lower Upper
49 100
128 48.5 23.6 71.0
130 61.7 30.1 90.5

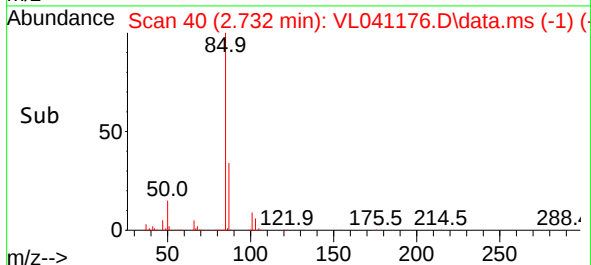
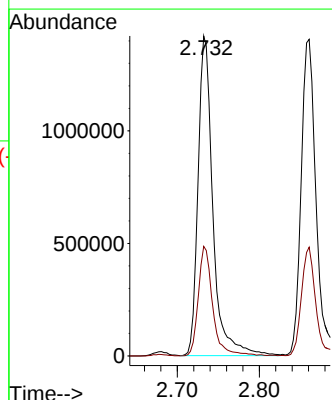
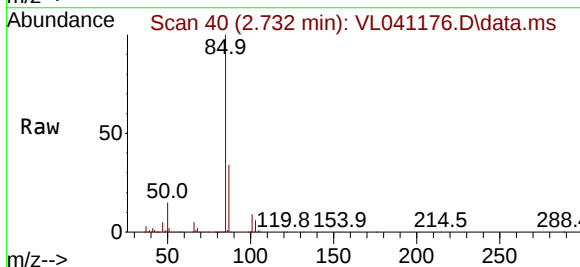
Manual Integrations
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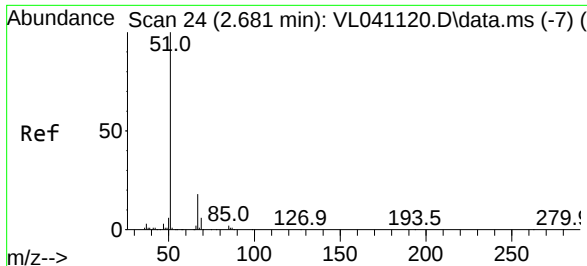
Reviewed By :Semsettin Yesilyurt 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#2
Dichlorodifluoromethane
Concen: 9.052 ppbv
RT: 2.732 min Scan# 40
Delta R.T. 0.003 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33

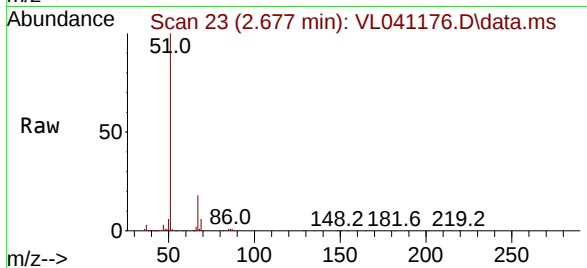
Tgt Ion: 85 Resp: 1787728
Ion Ratio Lower Upper
85 100
87 34.2 27.0 40.6





#3
Chlorodifluoromethane
Concen: 10.500 ppbv
RT: 2.677 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33

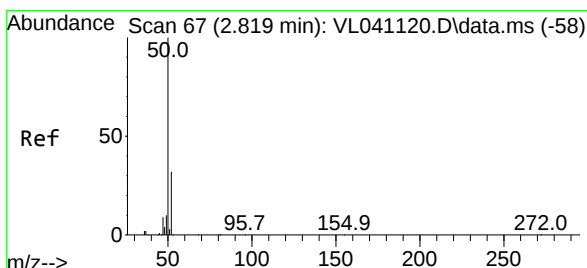
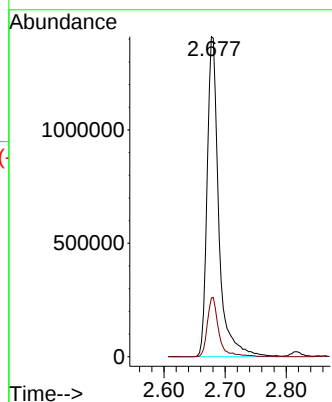
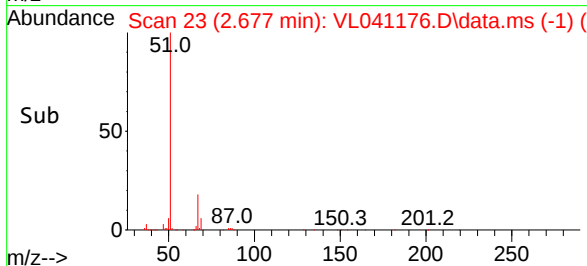
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 51 Resp: 186723
Ion Ratio Lower Upper
51 100
67 18.3 14.9 22.3

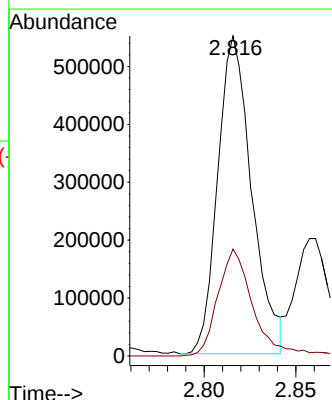
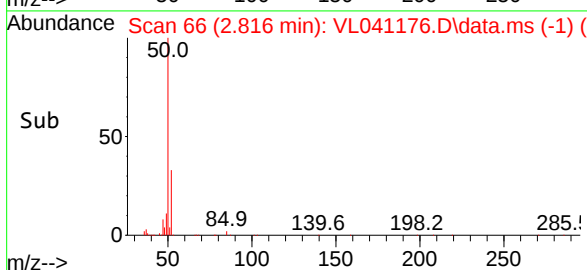
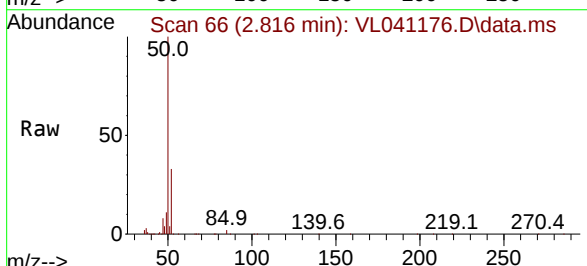
Manual Integrations
APPROVED

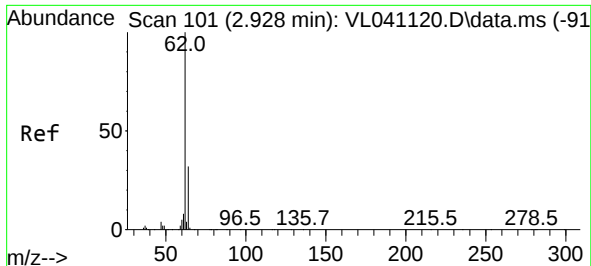
Reviewed By :Semsettin Yesilyurt 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#4
Chloromethane
Concen: 10.523 ppbv
RT: 2.816 min Scan# 66
Delta R.T. 0.007 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33

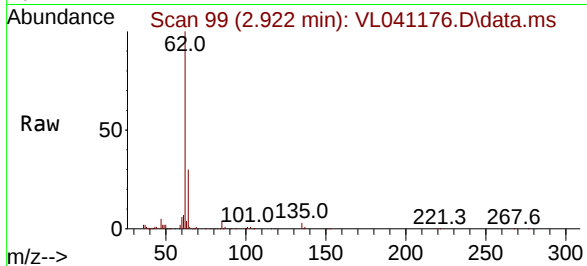
Tgt Ion: 50 Resp: 708163
Ion Ratio Lower Upper
50 100
52 33.6 26.0 39.0





#5
 Vinyl Chloride
 Concen: 11.326 ppbv
 RT: 2.922 min Scan# 99
 Delta R.T. 0.003 min
 Lab File: VL041176.D
 Acq: 25 Apr 2024 18:33

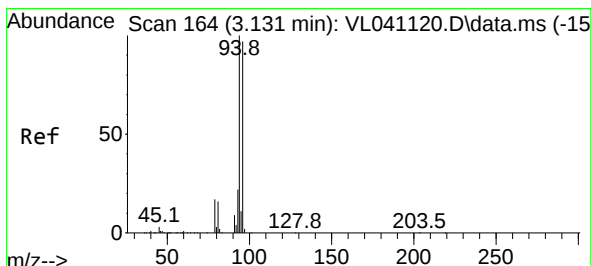
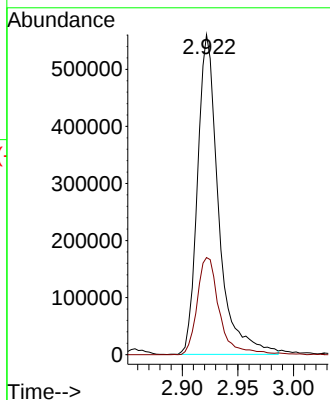
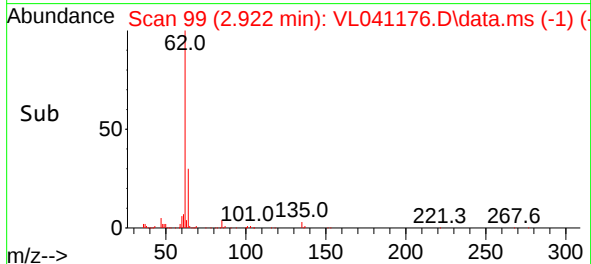
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



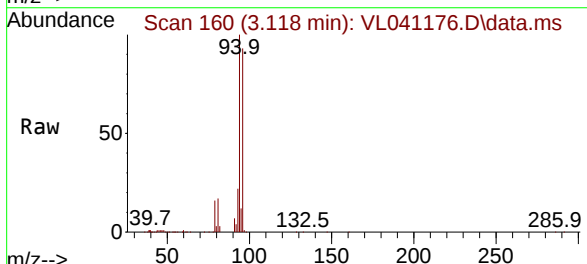
Tgt Ion: 62 Resp: 73628
 Ion Ratio Lower Upper
 62 100
 64 30.4 25.6 38.4

Manual Integrations
 APPROVED

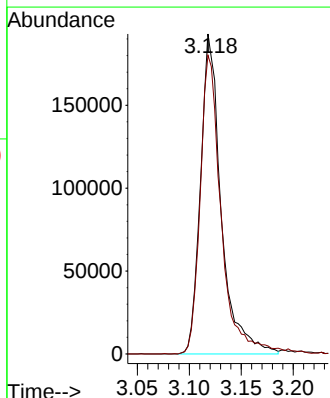
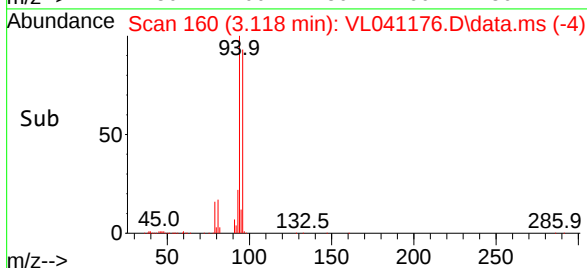
Reviewed By :Semsettin Yesilyurt 04/26/2024
 Supervised By :Mahesh Dadoda 04/26/2024

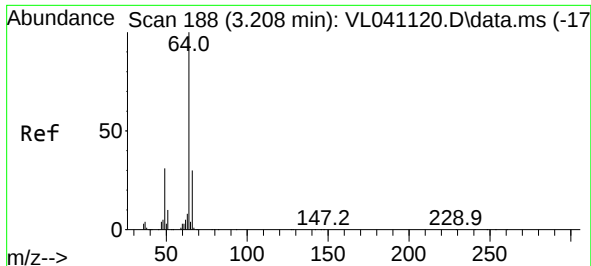


#6
 Bromomethane
 Concen: 10.932 ppbv
 RT: 3.118 min Scan# 160
 Delta R.T. 0.000 min
 Lab File: VL041176.D
 Acq: 25 Apr 2024 18:33



Tgt Ion: 94 Resp: 267513
 Ion Ratio Lower Upper
 94 100
 96 93.4 77.9 116.9





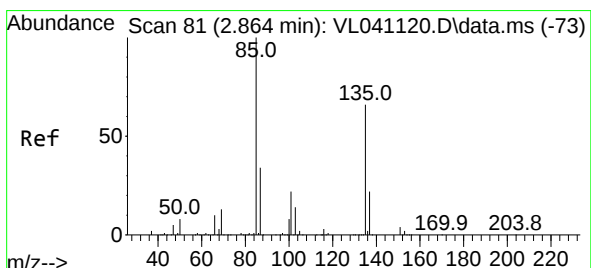
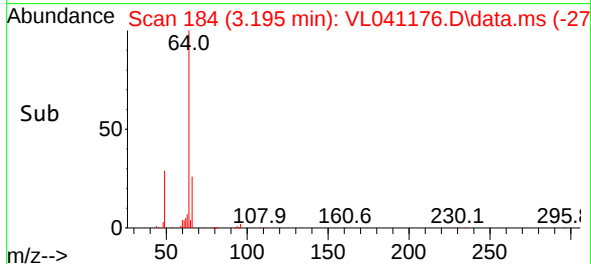
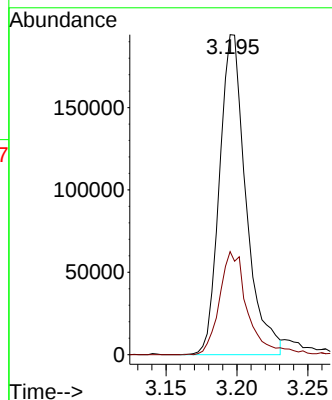
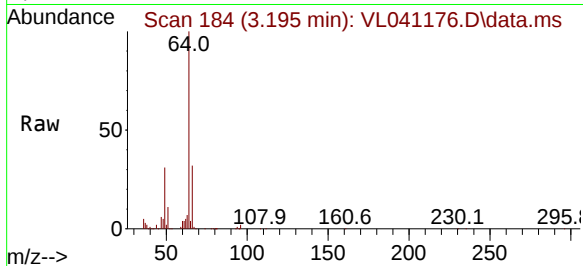
#7
Chloroethane
Concen: 10.609 ppbv
RT: 3.195 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 64 Resp: 253109
Ion Ratio Lower Upper
64 100
66 32.2 24.2 36.4

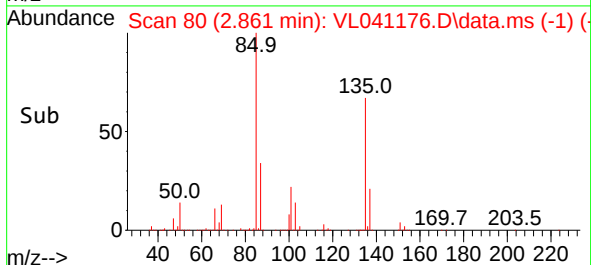
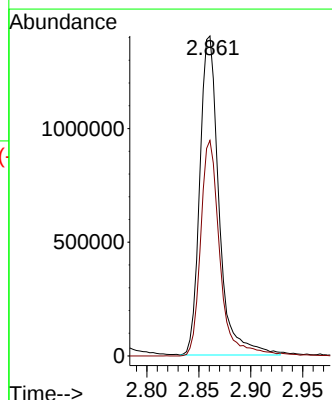
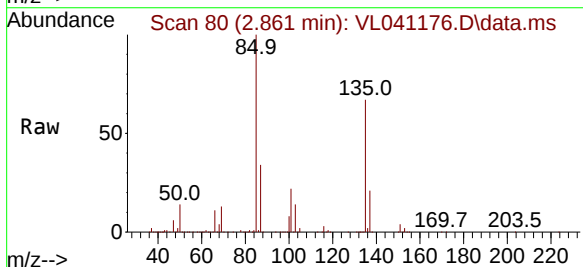
Manual Integrations
APPROVED

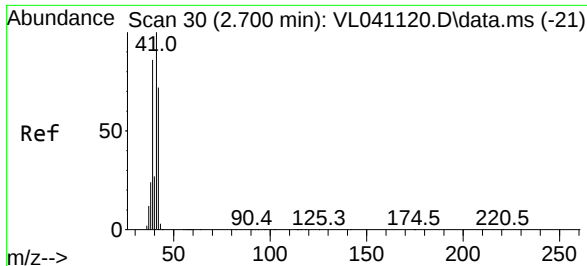
Reviewed By :Semsettin Yesilyurt 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#8
Dichlorotetrafluoroethane
Concen: 10.697 ppbv
RT: 2.861 min Scan# 80
Delta R.T. 0.007 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33

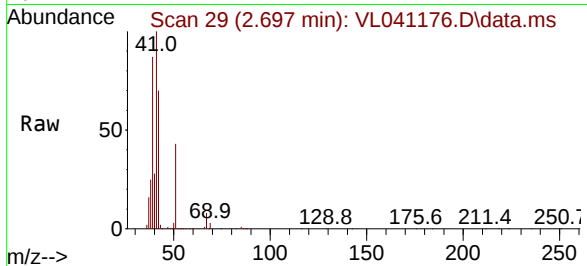
Tgt Ion: 85 Resp: 1802273
Ion Ratio Lower Upper
85 100
135 68.4 54.2 81.2





#9
 Propene
 Concen: 11.125 ppbv
 RT: 2.697 min Scan# 29
 Delta R.T. 0.003 min
 Lab File: VL041176.D
 Acq: 25 Apr 2024 18:33

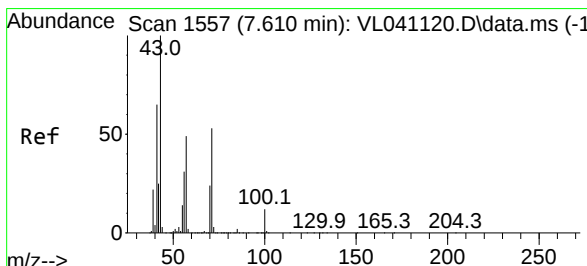
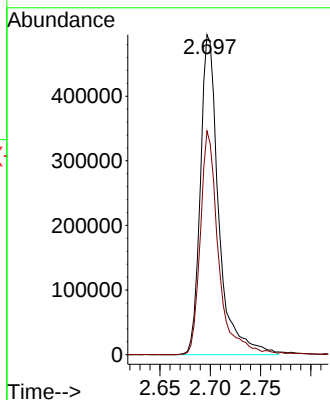
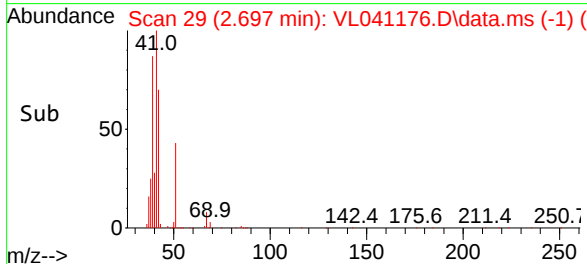
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



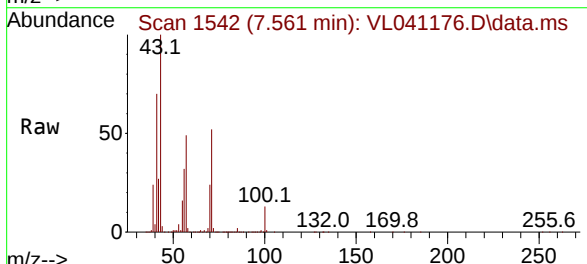
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 Ion Ratio Lower Upper
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 42 70.1 60.1 90.1

Manual Integrations
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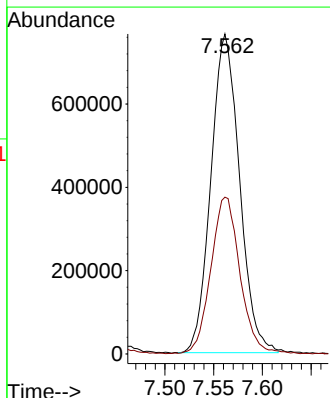
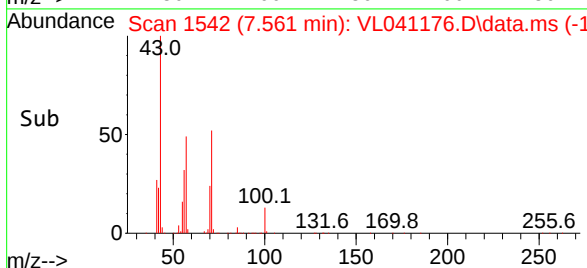
Reviewed By :Semsettin Yesilyurt 04/26/2024
 Supervised By :Mahesh Dadoda 04/26/2024

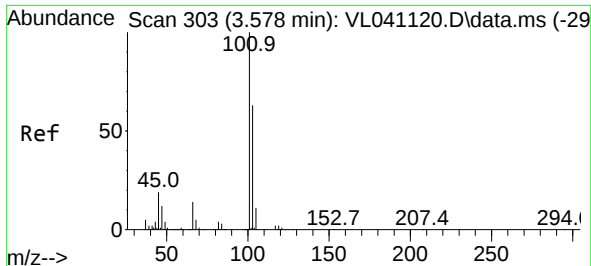


#10
 Heptane
 Concen: 11.623 ppbv
 RT: 7.561 min Scan# 1542
 Delta R.T. 0.003 min
 Lab File: VL041176.D
 Acq: 25 Apr 2024 18:33



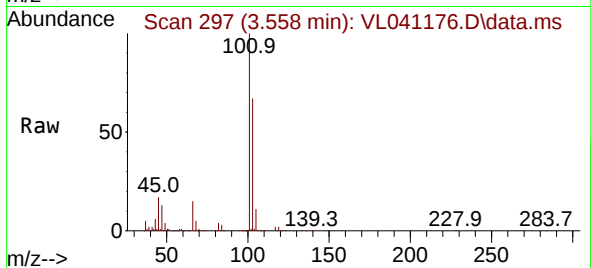
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 Ion Ratio Lower Upper
 43 100
 57 50.5 39.9 59.9





#11
Trichlorofluoromethane
Concen: 10.284 ppbv
RT: 3.558 min Scan# 24
Delta R.T. 0.003 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33

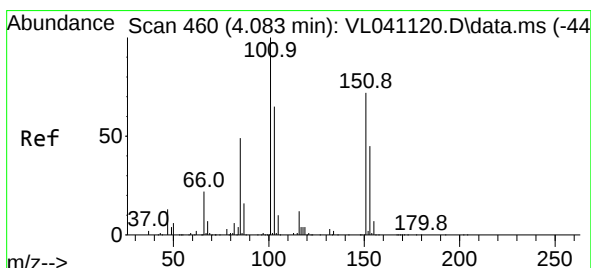
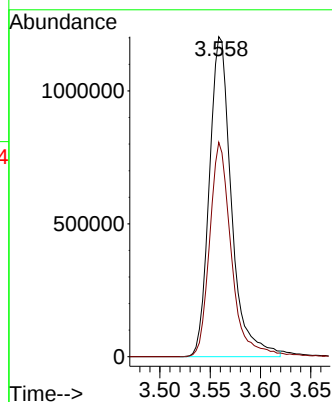
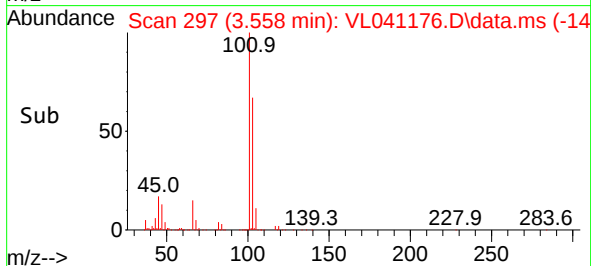
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:101 Resp: 1841789
Ion Ratio Lower Upper
101 100
103 67.0 50.6 75.8

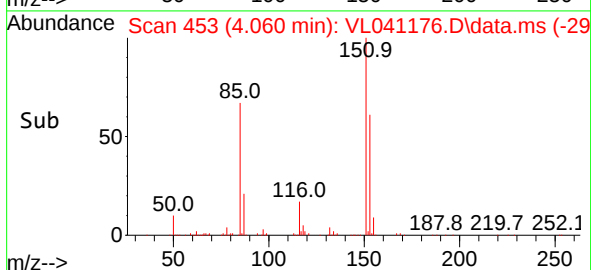
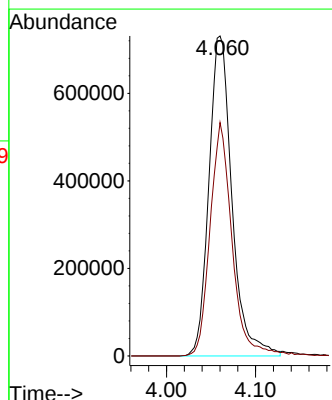
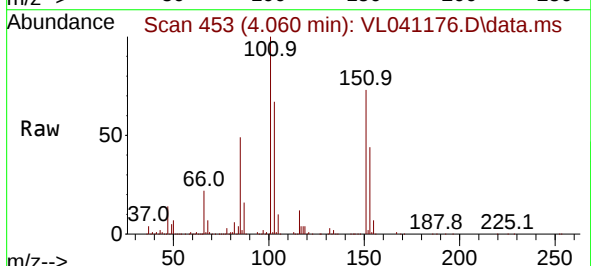
Manual Integrations
APPROVED

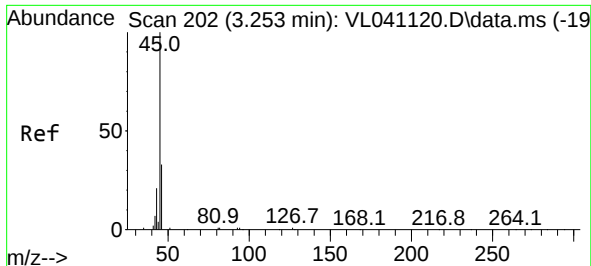
Reviewed By :Semsettin Yesilyurt 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.140 ppbv
RT: 4.060 min Scan# 453
Delta R.T. 0.003 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33

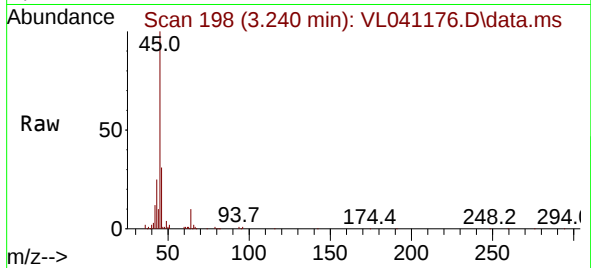
Tgt Ion:101 Resp: 1314382
Ion Ratio Lower Upper
101 100
151 70.0 56.2 84.4





#13
Ethanol
Concen: 9.680 ppbv
RT: 3.240 min Scan# 198
Delta R.T. 0.007 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33

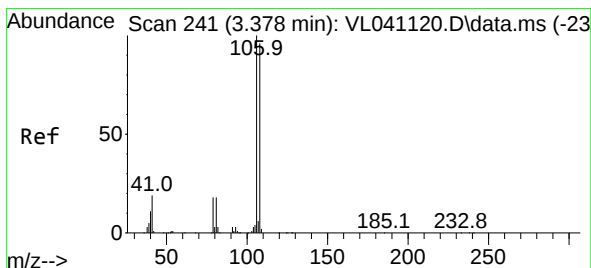
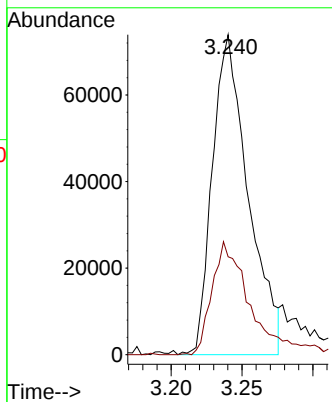
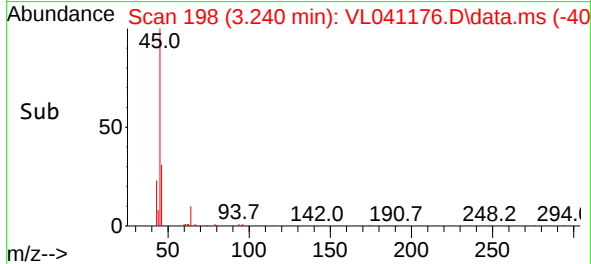
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



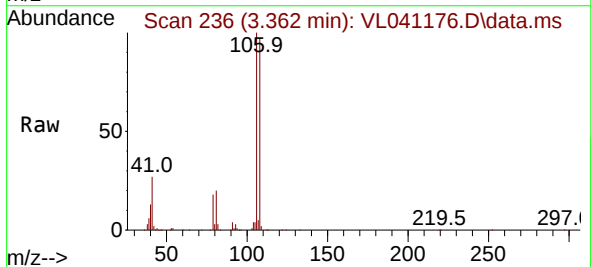
Tgt Ion: 45 Resp: 130250
Ion Ratio Lower Upper
45 100
46 39.6 15.0 59.8

Manual Integrations
APPROVED

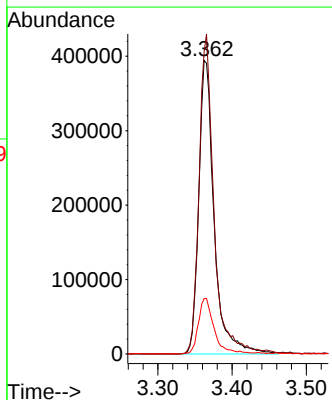
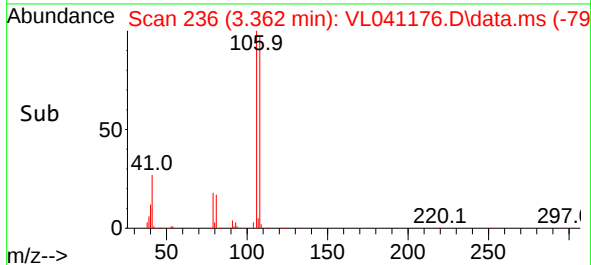
Reviewed By :Semsettin Yesilyurt 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024

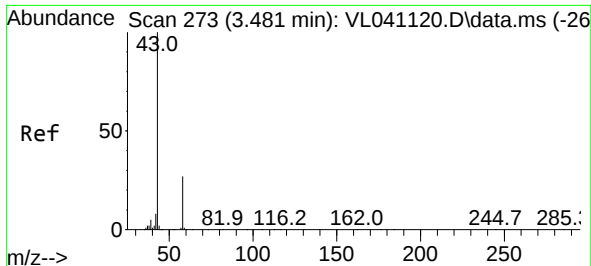


#14
Bromoethene
Concen: 11.140 ppbv
RT: 3.362 min Scan# 236
Delta R.T. 0.003 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33



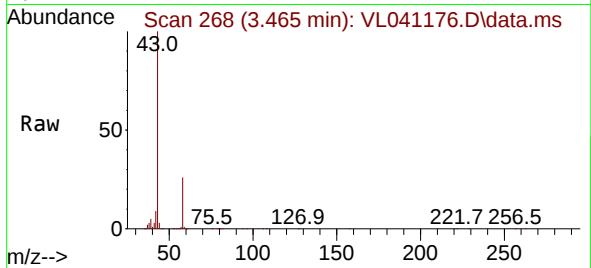
Tgt Ion:108 Resp: 568755
Ion Ratio Lower Upper
108 100
106 105.8 86.0 129.0
79 19.8 15.4 23.2





#15
Acetone
Concen: 10.733 ppbv
RT: 3.465 min Scan# 20
Delta R.T. 0.007 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33

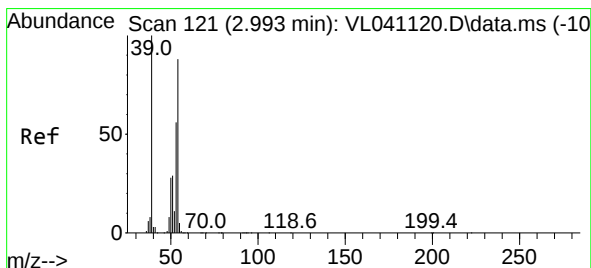
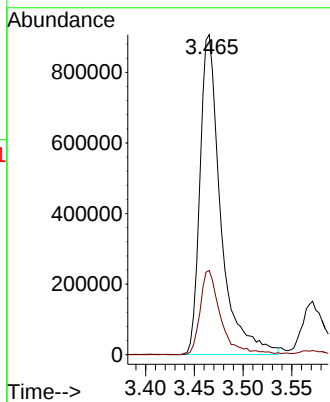
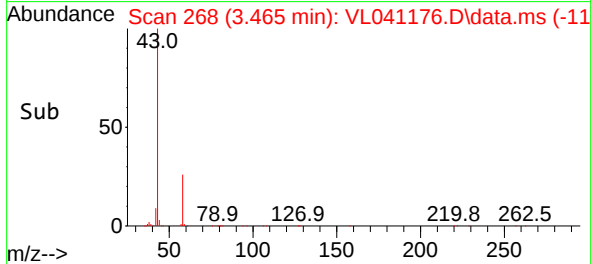
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 43 Resp: 134188
Ion Ratio Lower Upper
43 100
58 26.5 21.1 31.7

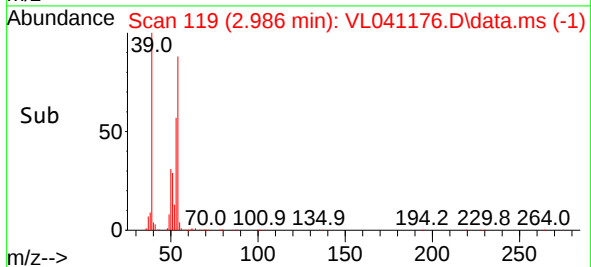
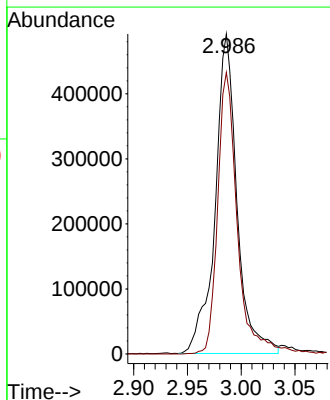
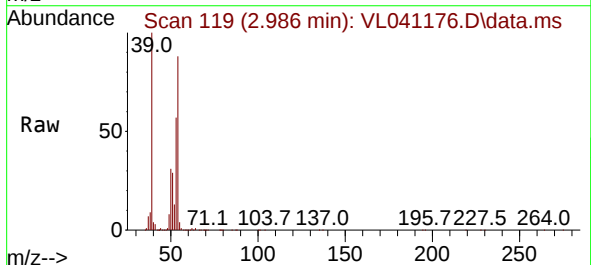
Manual Integrations
APPROVED

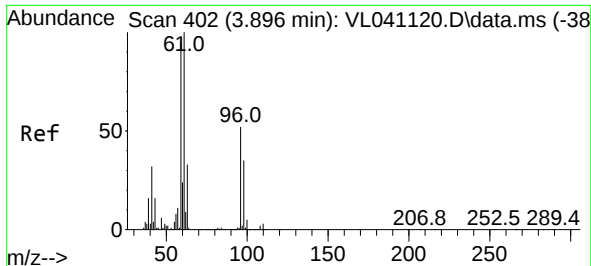
Reviewed By :Semsettin Yesilyurt 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#16
1,3-Butadiene
Concen: 11.344 ppbv
RT: 2.986 min Scan# 119
Delta R.T. 0.003 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33

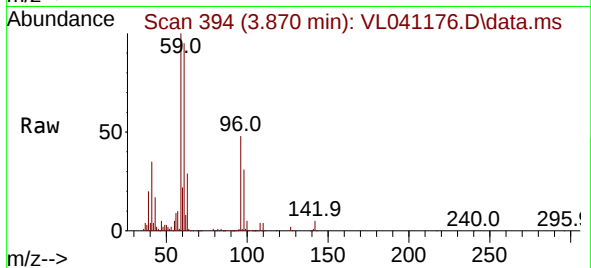
Tgt Ion: 39 Resp: 696179
Ion Ratio Lower Upper
39 100
54 80.1 63.5 95.3





#17
tert-Butyl alcohol
Concen: 10.881 ppbv
RT: 3.870 min Scan# 394
Delta R.T. 0.003 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33

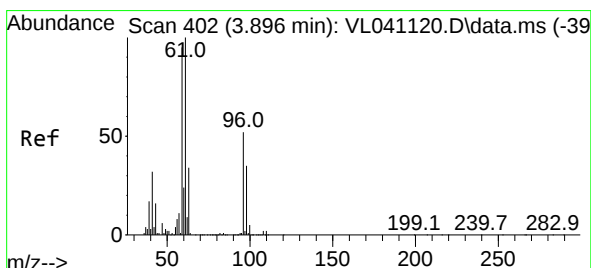
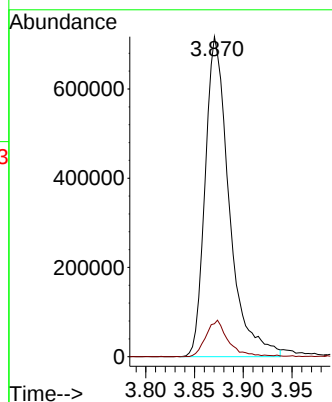
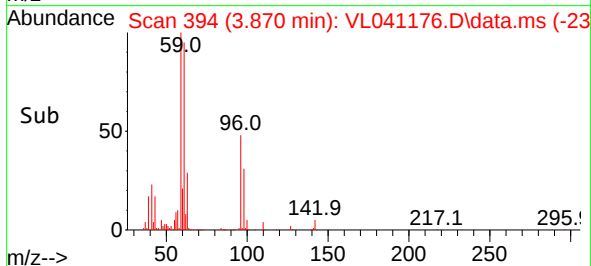
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



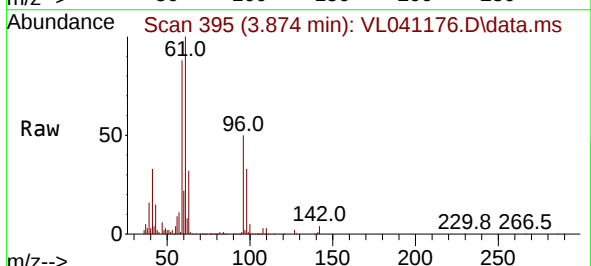
Tgt Ion: 59 Resp: 123200
Ion Ratio Lower Upper
59 100
57 10.9 8.7 13.1

Manual Integrations
APPROVED

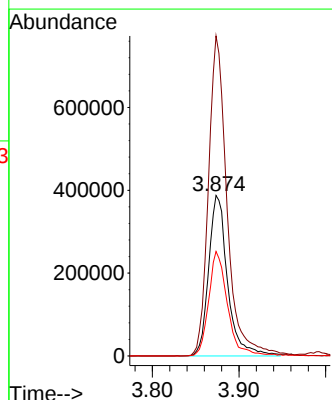
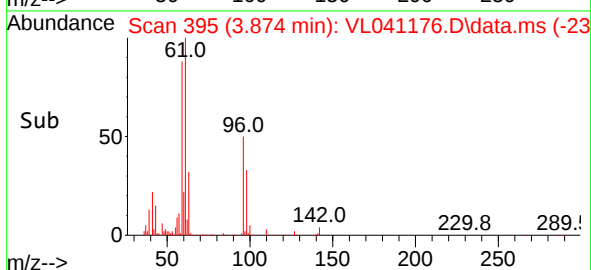
Reviewed By :Semsettin Yesilyurt 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024

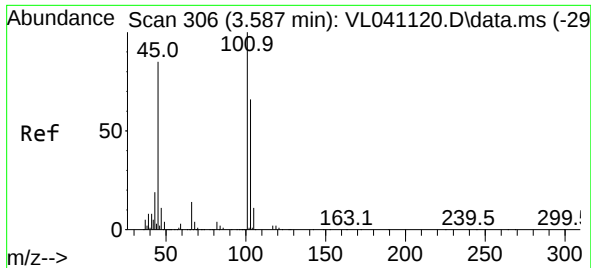


#18
1,1-Dichloroethene
Concen: 10.673 ppbv
RT: 3.874 min Scan# 395
Delta R.T. 0.003 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33



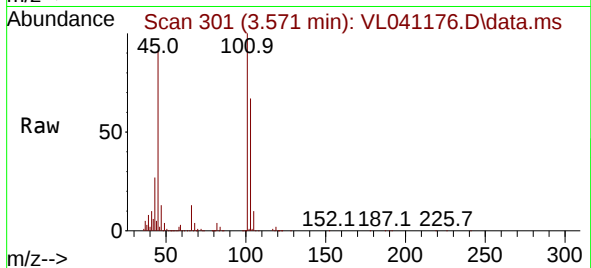
Tgt Ion: 96 Resp: 590650
Ion Ratio Lower Upper
96 100
61 199.4 152.6 228.8
98 65.1 54.0 81.0





#19
Isopropyl Alcohol
Concen: 11.333 ppbv
RT: 3.571 min Scan# 306
Delta R.T. 0.003 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33

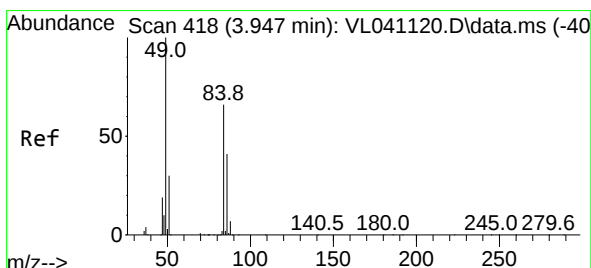
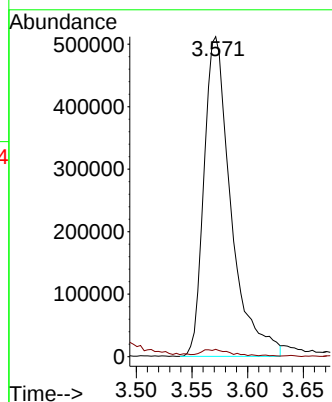
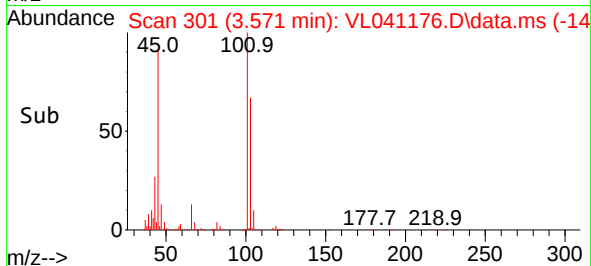
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 45 Resp: 860740
Ion Ratio Lower Upper
45 100
58 3.0 2.8 4.2

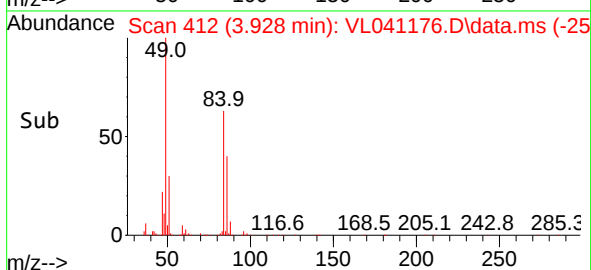
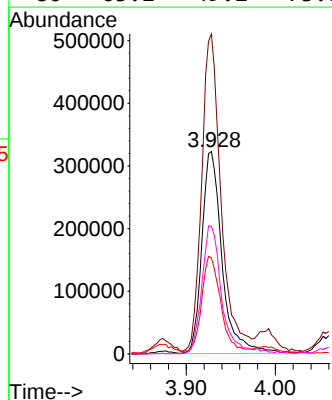
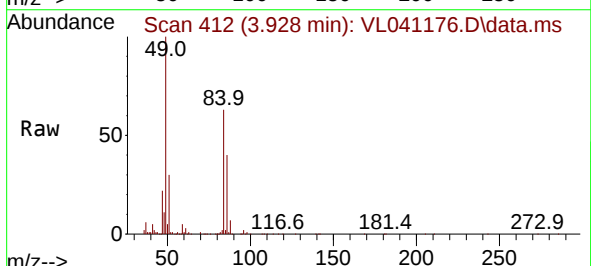
Manual Integrations
APPROVED

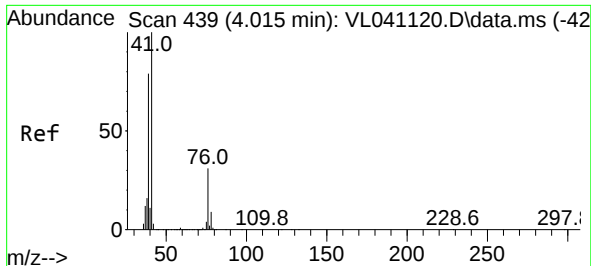
Reviewed By :Semsettin Yesilyurt 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#20
Methylene Chloride
Concen: 9.824 ppbv
RT: 3.928 min Scan# 412
Delta R.T. 0.003 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33

Tgt Ion: 84 Resp: 506534
Ion Ratio Lower Upper
84 100
49 156.9 120.7 181.1
51 46.2 36.6 54.8
86 63.2 49.2 73.8





#21

Allyl Chloride

Concen: 10.892 ppbv

RT: 3.993 min Scan# 41

Delta R.T. 0.007 min

Lab File: VL041176.D

Acq: 25 Apr 2024 18:33

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

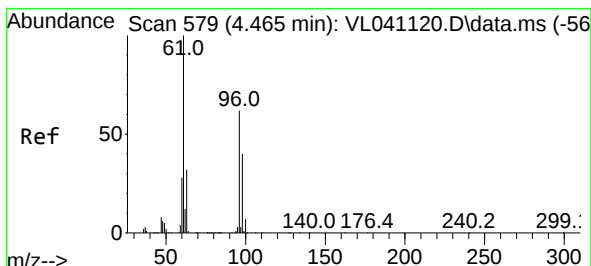
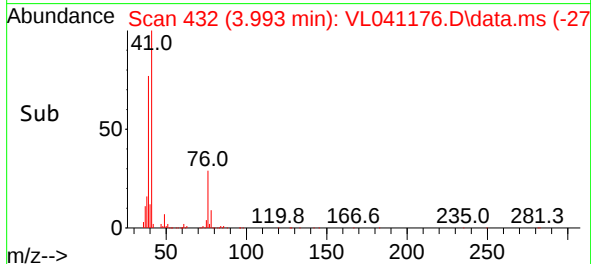
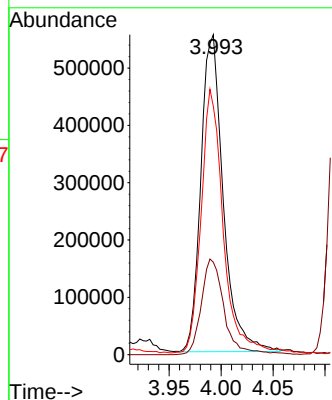
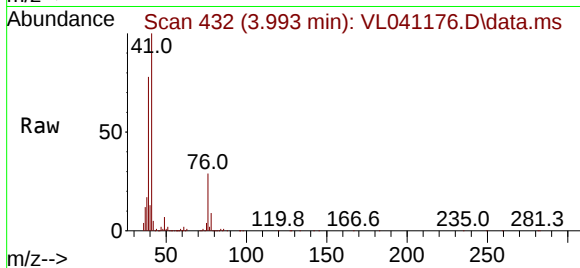
Tgt Ion: 41 Resp: 829700

Ion	Ratio	Lower	Upper
41	100		
76	30.8	25.7	38.5
39	83.5	65.7	98.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#22

trans-1,2-Dichloroethene

Concen: 10.444 ppbv

RT: 4.436 min Scan# 570

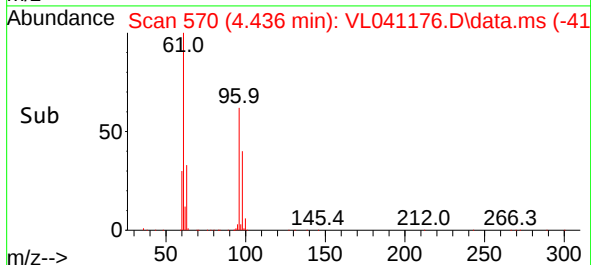
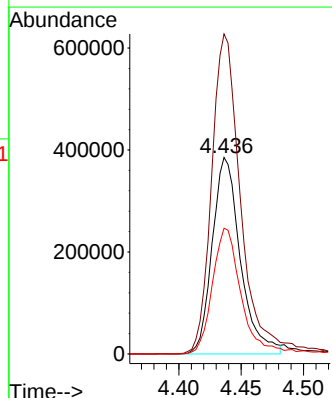
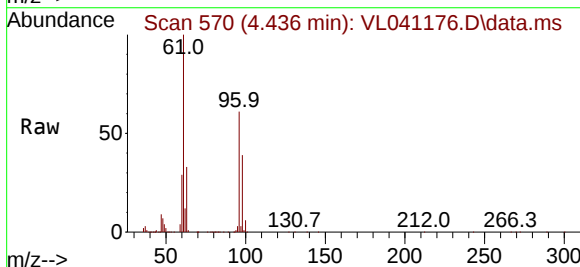
Delta R.T. 0.003 min

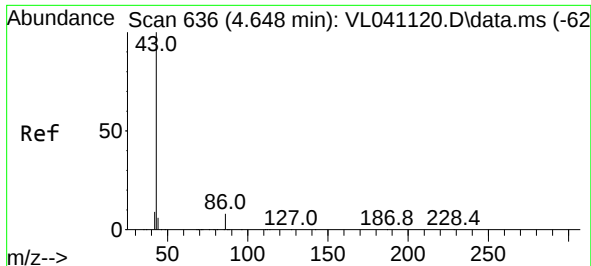
Lab File: VL041176.D

Acq: 25 Apr 2024 18:33

Tgt Ion: 96 Resp: 605968

Ion	Ratio	Lower	Upper
96	100		
61	162.6	128.4	192.6
98	63.9	51.5	77.3





#23
 Vinyl Acetate
 Concen: 11.406 ppbv
 RT: 4.616 min Scan# 616
 Delta R.T. 0.003 min
 Lab File: VL041176.D
 Acq: 25 Apr 2024 18:33

Instrument :

MSVOA_L

ClientSampleId :

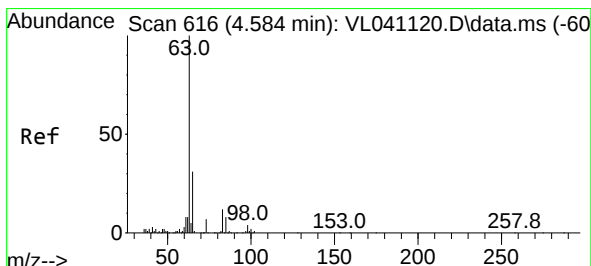
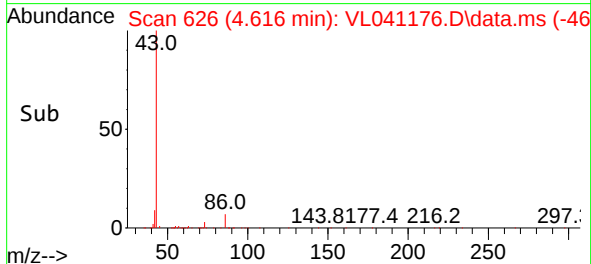
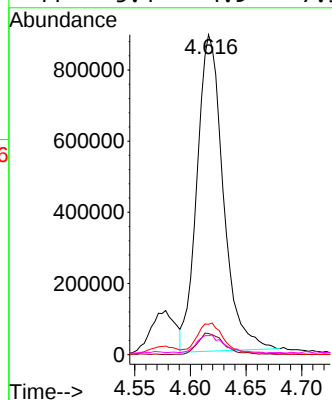
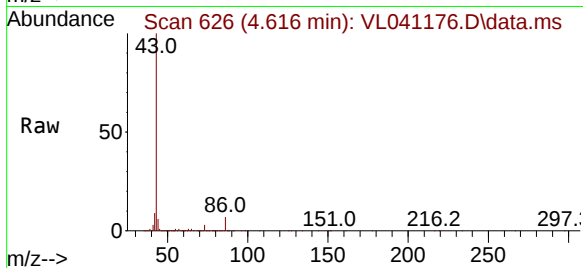
VSTDCCC010EC

Tgt Ion: 43 Resp: 145665
 Ion Ratio Lower Upper
 43 100
 86 6.6 6.2 9.4
 42 9.4 7.7 11.5
 44 5.4 4.9 7.3

Manual Integrations

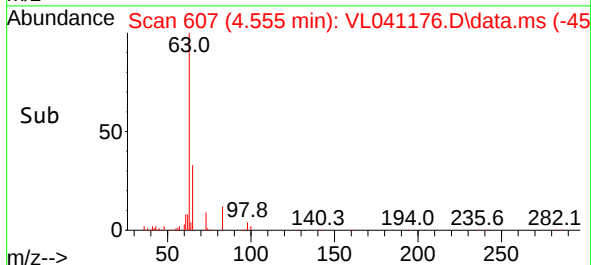
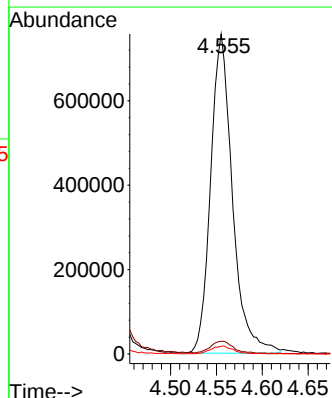
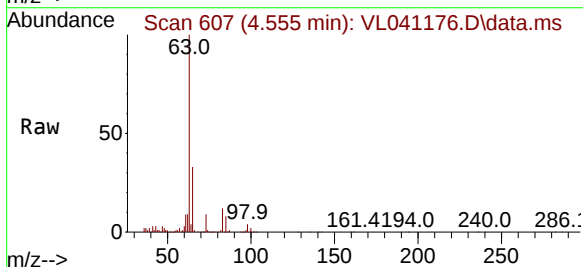
APPROVED

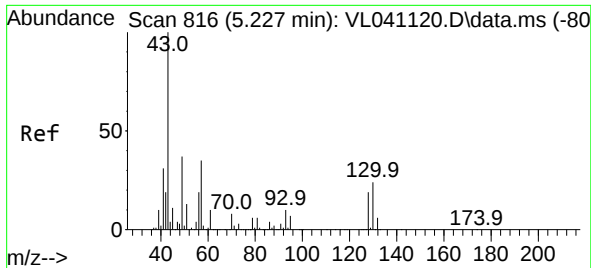
Reviewed By :Semsettin Yesilyurt 04/26/2024
 Supervised By :Mahesh Dadoda 04/26/2024



#24
 1,1-Dichloroethane
 Concen: 10.757 ppbv
 RT: 4.555 min Scan# 607
 Delta R.T. 0.003 min
 Lab File: VL041176.D
 Acq: 25 Apr 2024 18:33

Tgt Ion: 63 Resp: 1250027
 Ion Ratio Lower Upper
 63 100
 98 3.7 2.1 6.3
 100 2.3 1.1 3.3





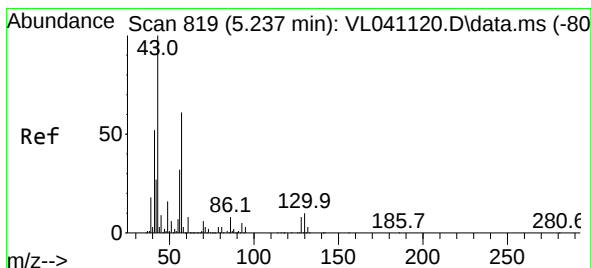
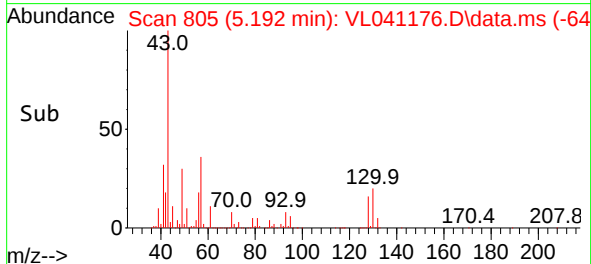
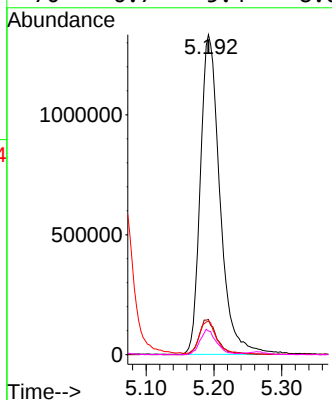
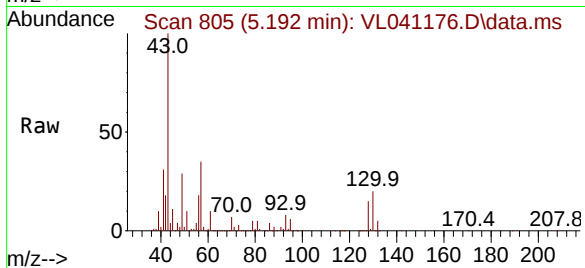
#25
Ethyl Acetate
Concen: 11.376 ppbv
RT: 5.192 min Scan# 805
Delta R.T. 0.003 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 2670915
Ion Ratio Lower Upper
43 100
45 10.2 8.0 12.0
61 9.9 7.8 11.6
70 6.7 5.4 8.0

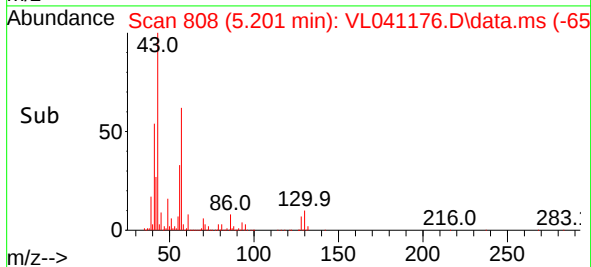
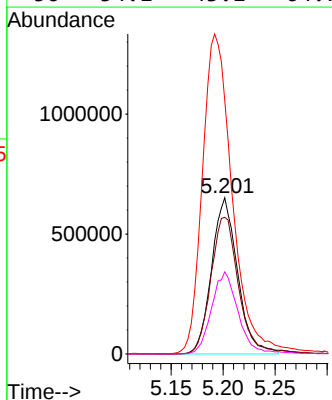
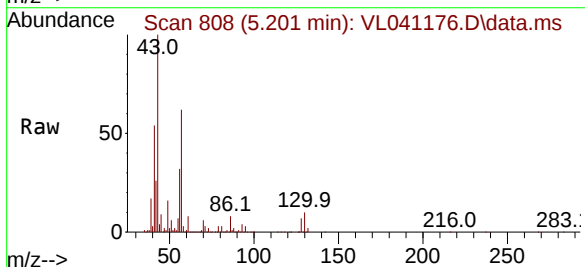
Manual Integrations
APPROVED

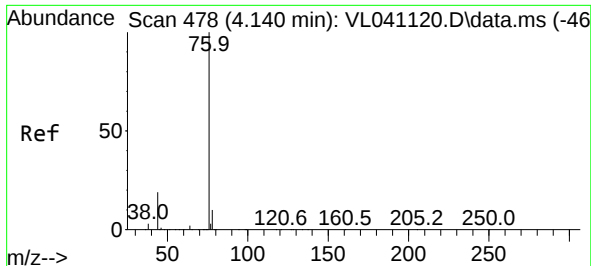
Reviewed By :Semsettin Yesilyurt 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#26
Hexane
Concen: 10.729 ppbv
RT: 5.201 min Scan# 808
Delta R.T. 0.007 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33

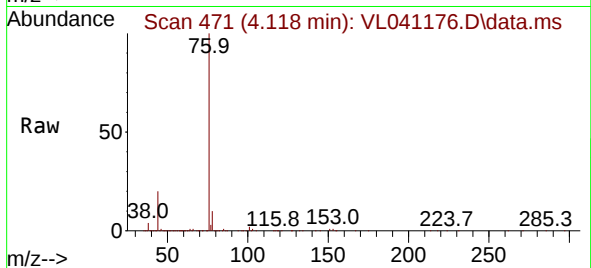
Tgt Ion: 57 Resp: 1130245
Ion Ratio Lower Upper
57 100
41 95.2 73.8 110.8
43 237.3 186.2 279.2
56 54.1 43.1 64.7





#27
Carbon Disulfide
Concen: 11.240 ppbv
RT: 4.118 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33

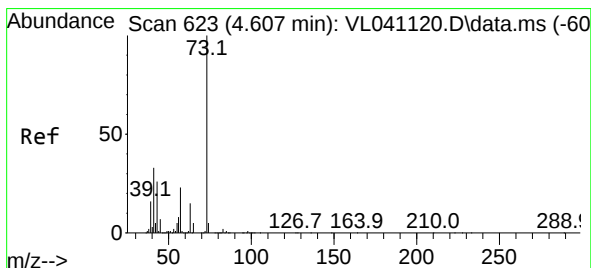
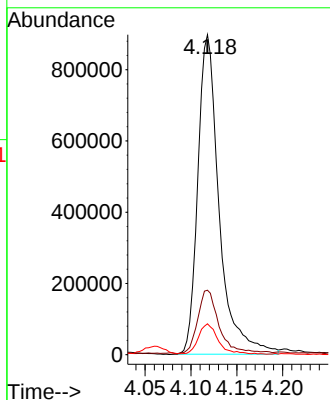
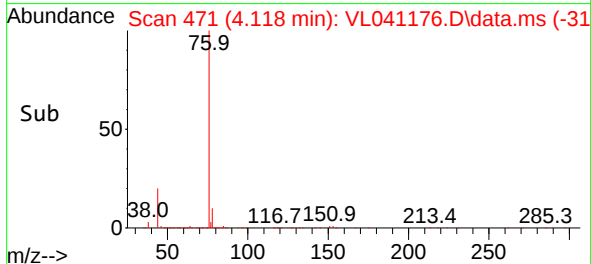
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



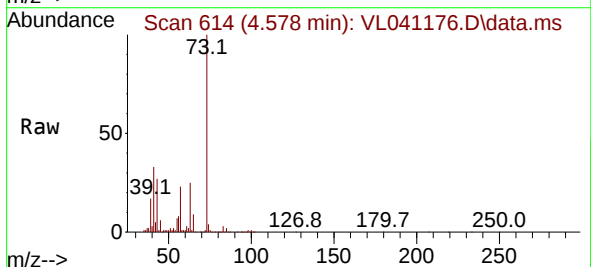
Tgt Ion: 76 Resp: 1450878
Ion Ratio Lower Upper
76 100
44 21.3 16.3 24.5
78 9.3 7.9 11.9

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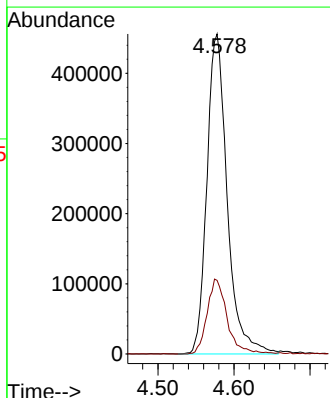
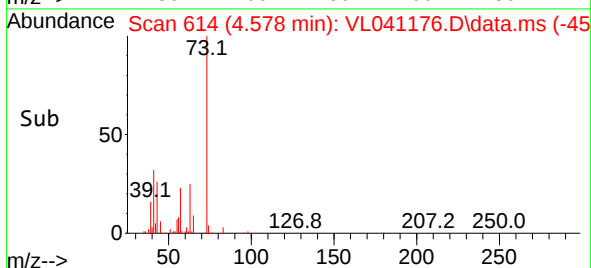
Reviewed By :Semsettin Yesilyurt 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024

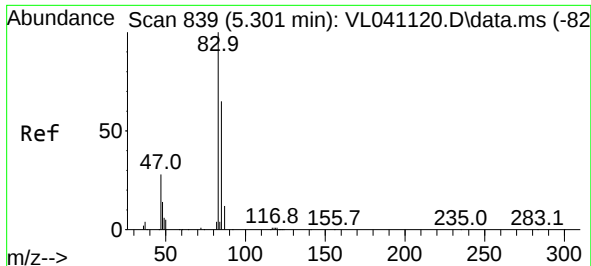


#28
Methyl tert-Butyl Ether
Concen: 10.640 ppbv
RT: 4.578 min Scan# 614
Delta R.T. 0.003 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33



Tgt Ion: 73 Resp: 845915
Ion Ratio Lower Upper
73 100
57 23.3 18.6 27.8





#29

Chloroform

Concen: 10.962 ppbv

RT: 5.263 min Scan# 81

Delta R.T. 0.003 min

Lab File: VL041176.D

Acq: 25 Apr 2024 18:33

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 83 Resp: 194670

Ion Ratio Lower Upper

83 100

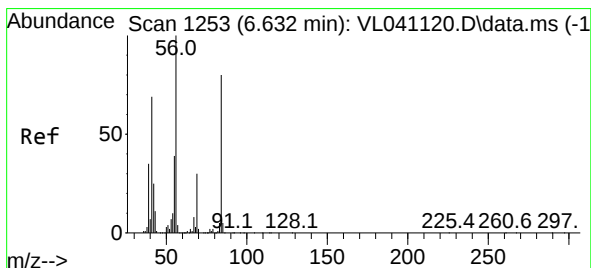
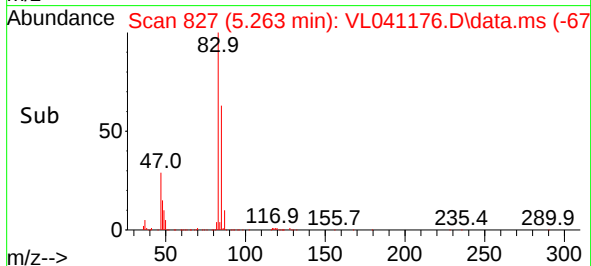
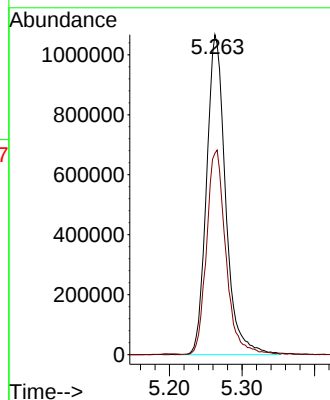
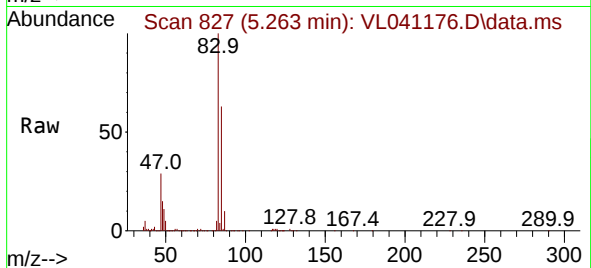
85 62.8 51.5 77.3

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/26/2024

Supervised By :Mahesh Dadoda 04/26/2024



#30

Cyclohexane

Concen: 11.210 ppbv

RT: 6.587 min Scan# 1239

Delta R.T. 0.007 min

Lab File: VL041176.D

Acq: 25 Apr 2024 18:33

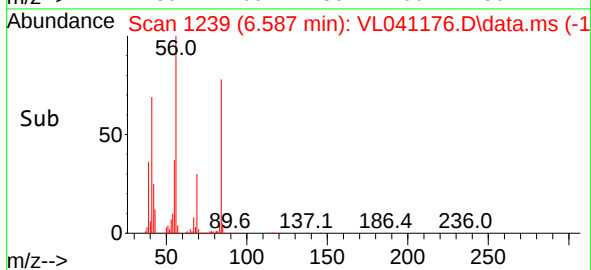
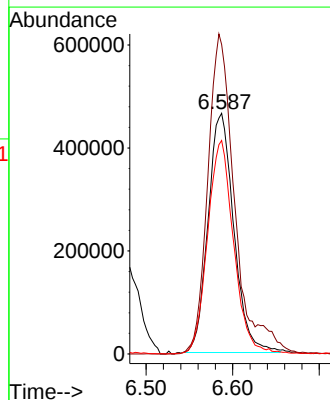
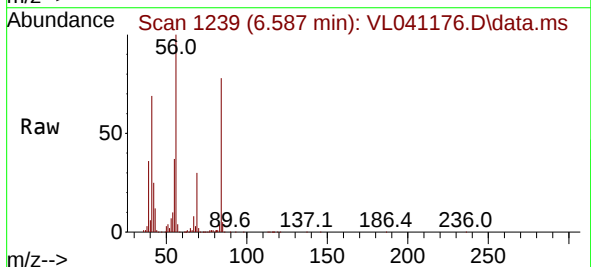
Tgt Ion: 84 Resp: 961981

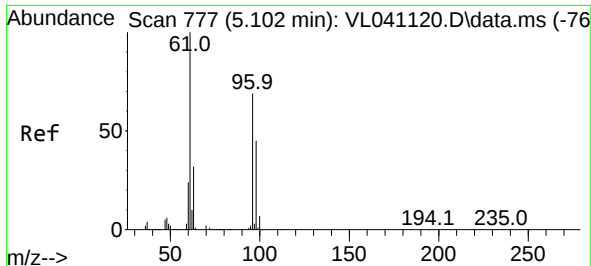
Ion Ratio Lower Upper

84 100

56 140.4 111.9 167.9

41 90.5 71.0 106.6





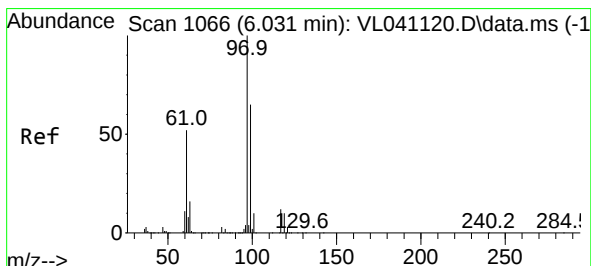
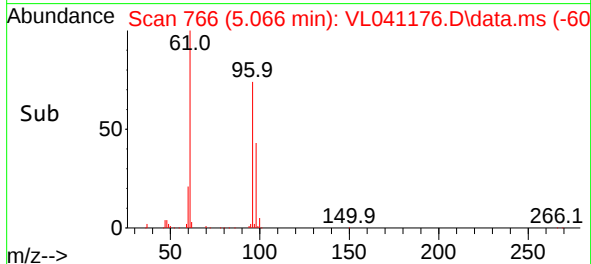
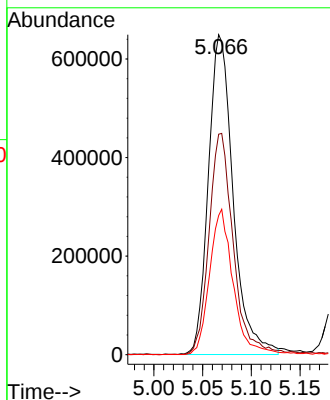
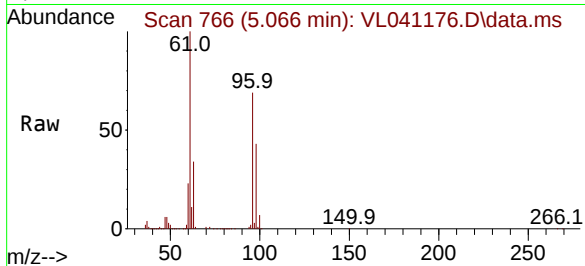
#31
cis-1,2-Dichloroethene
Concen: 11.502 ppbv
RT: 5.066 min Scan# 70
Delta R.T. 0.003 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 61 Resp: 1146940
Ion Ratio Lower Upper
61 100
96 68.8 54.9 82.3
98 43.5 35.9 53.9

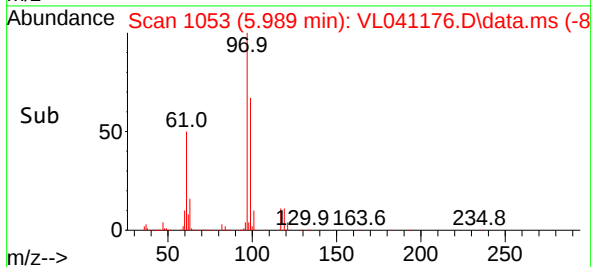
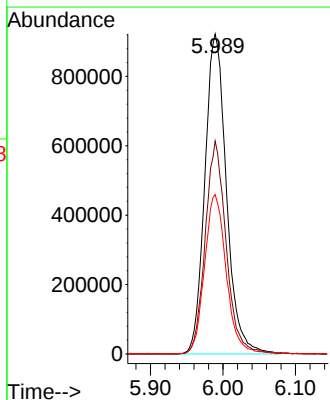
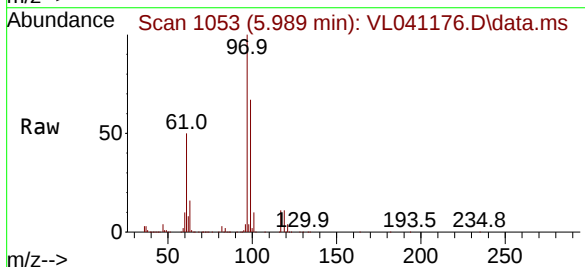
Manual Integrations
APPROVED

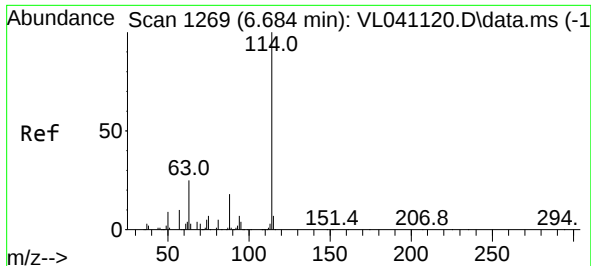
Reviewed By :Semsettin Yesilyurt 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#32
1,1,1-Trichloroethane
Concen: 11.629 ppbv
RT: 5.989 min Scan# 1053
Delta R.T. 0.003 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33

Tgt Ion: 97 Resp: 1909055
Ion Ratio Lower Upper
97 100
99 64.5 52.0 78.0
61 50.4 40.5 60.7





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.639 min Scan# 114

Delta R.T. 0.003 min

Lab File: VL041176.D

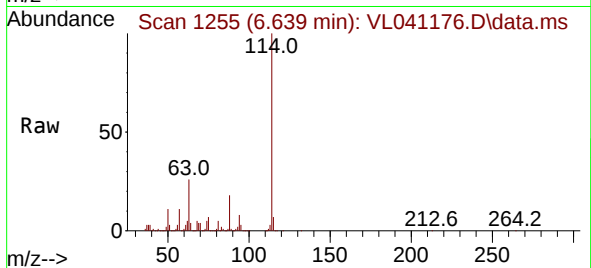
Acq: 25 Apr 2024 18:33

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion:114 Resp: 294573

Ion Ratio Lower Upper

114 100

63 26.1 20.9 31.3

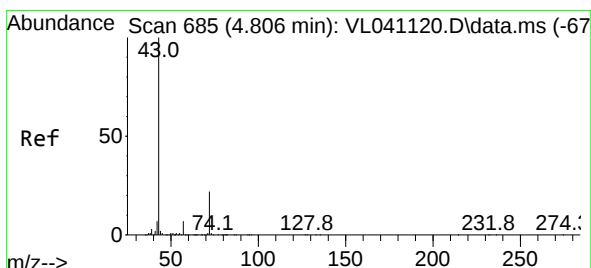
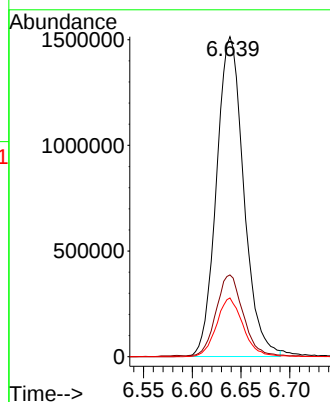
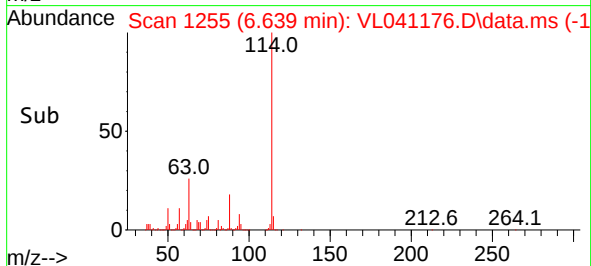
88 18.0 14.5 21.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/26/2024

Supervised By :Mahesh Dadoda 04/26/2024



#34

2-Butanone

Concen: 11.145 ppbv

RT: 4.774 min Scan# 675

Delta R.T. 0.003 min

Lab File: VL041176.D

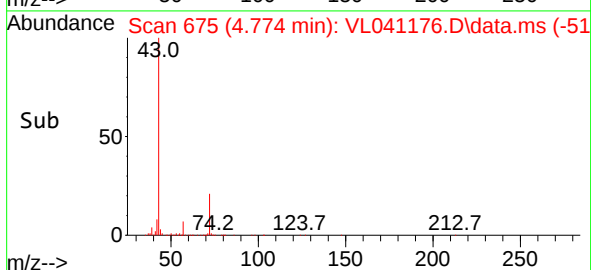
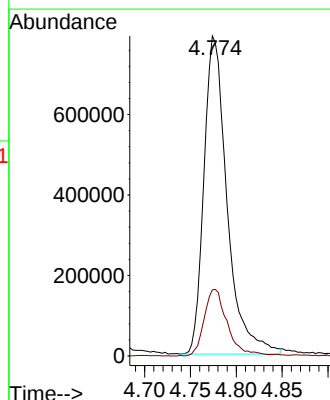
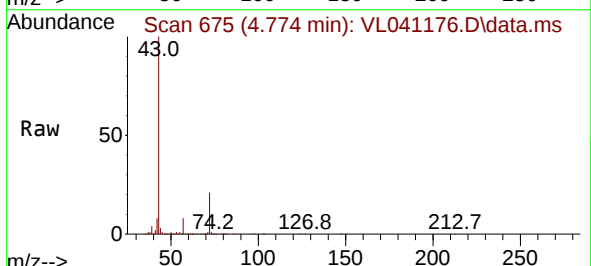
Acq: 25 Apr 2024 18:33

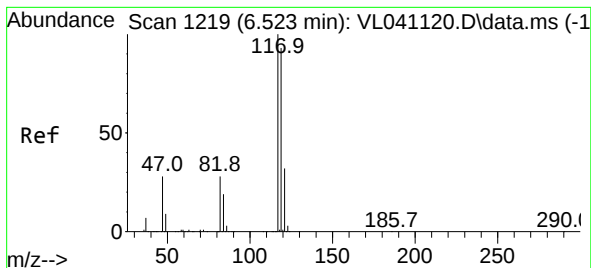
Tgt Ion: 43 Resp: 1389287

Ion Ratio Lower Upper

43 100

72 21.3 17.6 26.4





#35

Carbon Tetrachloride

Concen: 11.797 ppbv

RT: 6.478 min Scan# 1167

Delta R.T. 0.003 min

Lab File: VL041176.D

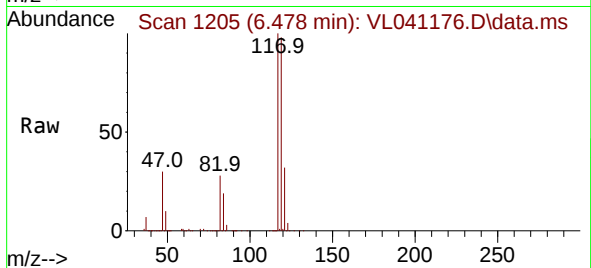
Acq: 25 Apr 2024 18:33

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion: 117 Resp: 197841

Ion Ratio Lower Upper

117 100

119 97.6 74.2 111.4

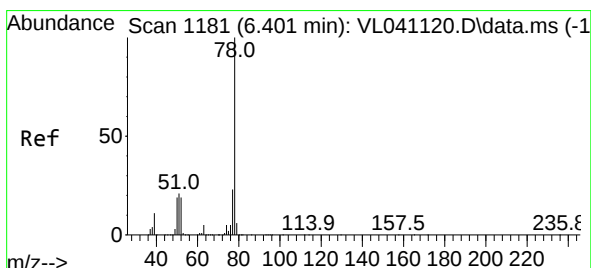
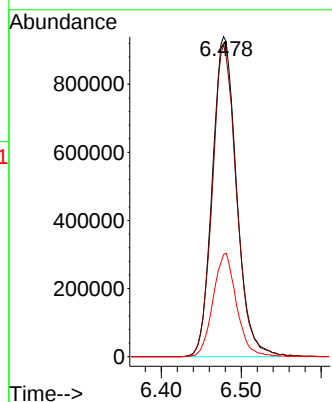
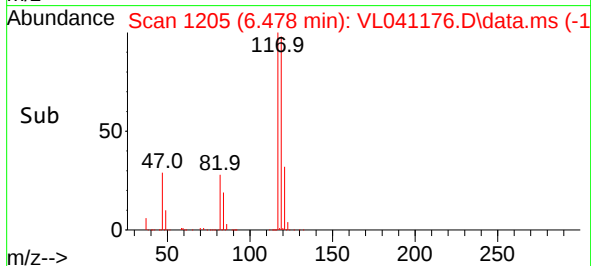
121 31.9 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/26/2024

Supervised By :Mahesh Dadoda 04/26/2024



#36

Benzene

Concen: 11.261 ppbv

RT: 6.356 min Scan# 1167

Delta R.T. 0.003 min

Lab File: VL041176.D

Acq: 25 Apr 2024 18:33

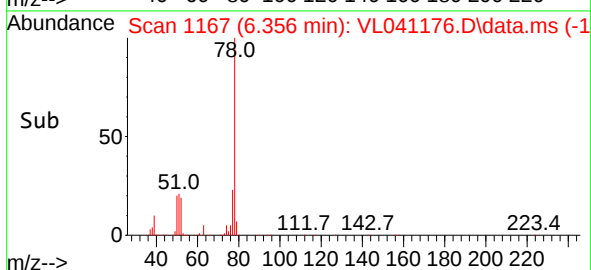
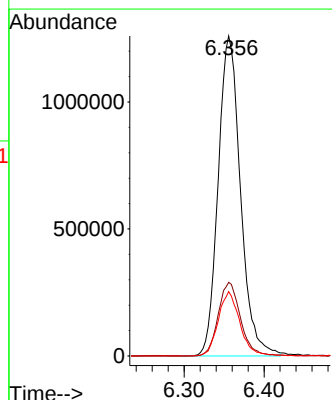
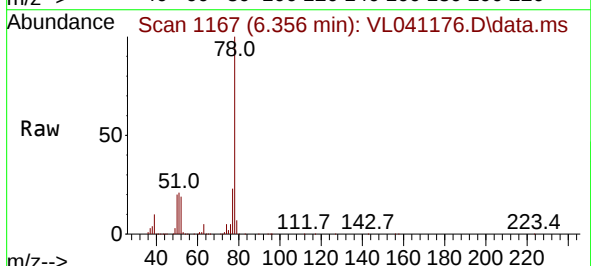
Tgt Ion: 78 Resp: 2435982

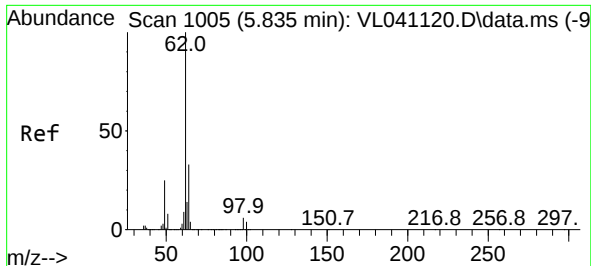
Ion Ratio Lower Upper

78 100

77 23.0 18.2 27.4

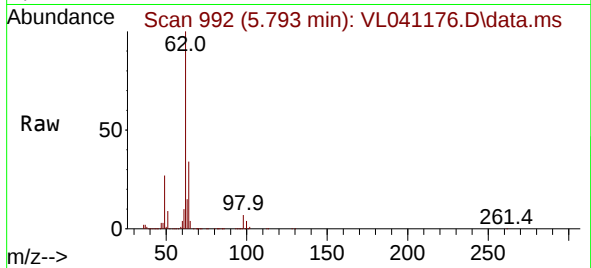
50 20.1 15.4 23.2





#37
1,2-Dichloroethane
Concen: 11.198 ppbv
RT: 5.793 min Scan# 91
Delta R.T. 0.003 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33

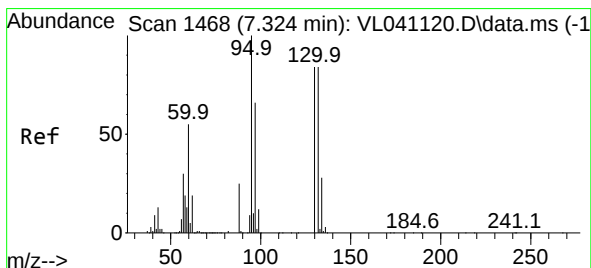
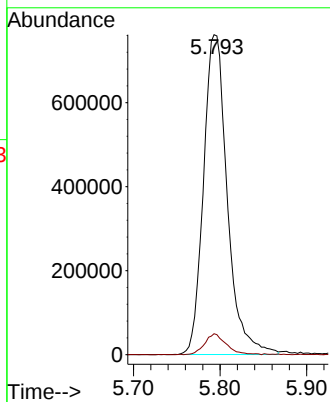
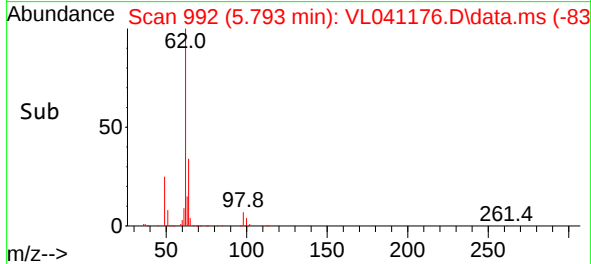
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



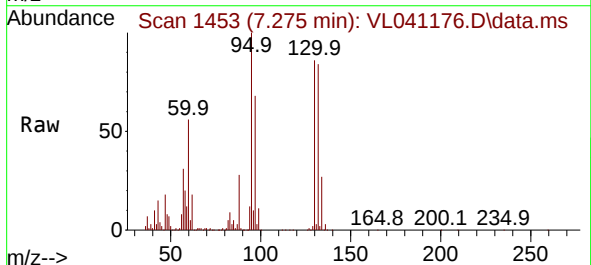
Tgt Ion: 62 Resp: 1454409
Ion Ratio Lower Upper
62 100
98 6.2 4.6 7.0

Manual Integrations
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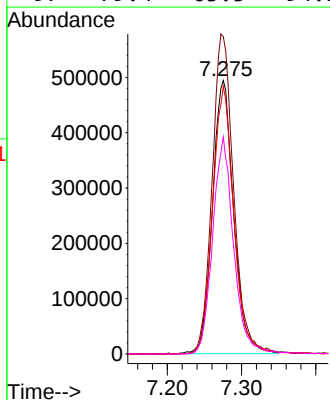
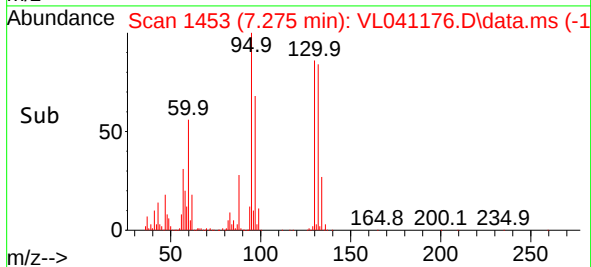
Reviewed By :Semsettin Yesilyurt 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024

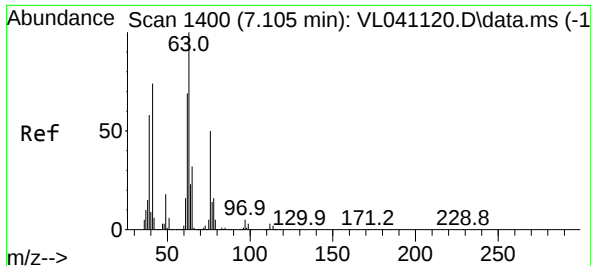


#38
Trichloroethene
Concen: 12.560 ppbv
RT: 7.275 min Scan# 1453
Delta R.T. 0.003 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33



Tgt Ion:130 Resp: 981585
Ion Ratio Lower Upper
130 100
95 116.2 95.4 143.0
132 98.0 80.0 120.0
97 79.4 63.3 94.9





#39

1,2-Dichloropropane

Concen: 11.292 ppbv

RT: 7.053 min Scan# 1400

Delta R.T. -0.003 min

Lab File: VL041176.D

Acq: 25 Apr 2024 18:33

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

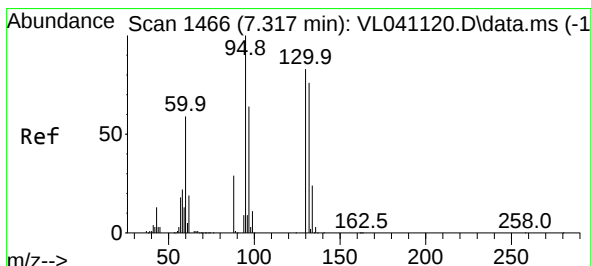
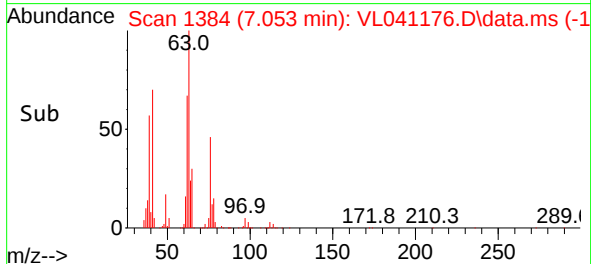
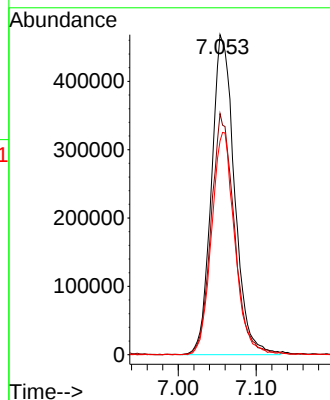
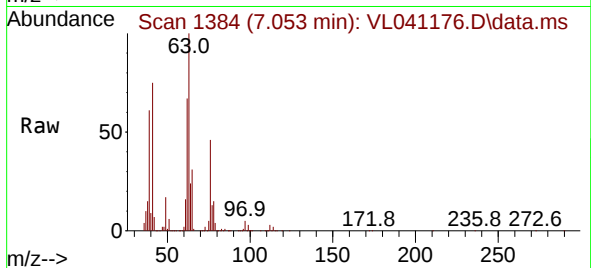
Tgt Ion: 63 Resp: 96318

Ion	Ratio	Lower	Upper
63	100		
41	75.3	58.7	88.1
62	66.7	55.5	83.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#40

1,4-Dioxane

Concen: 12.675 ppbv

RT: 7.269 min Scan# 1451

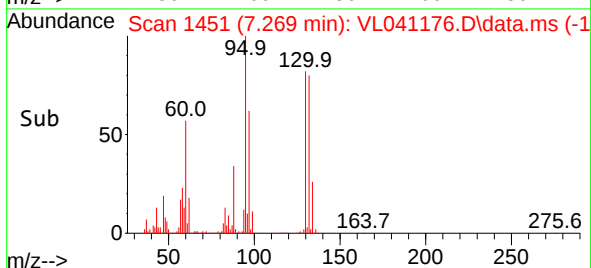
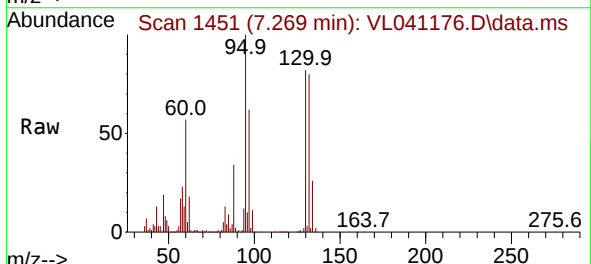
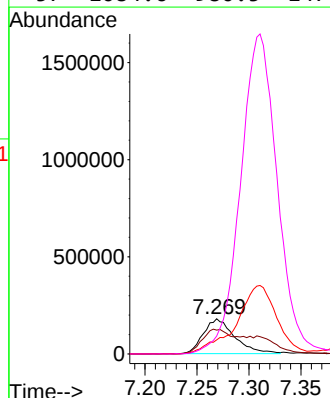
Delta R.T. 0.003 min

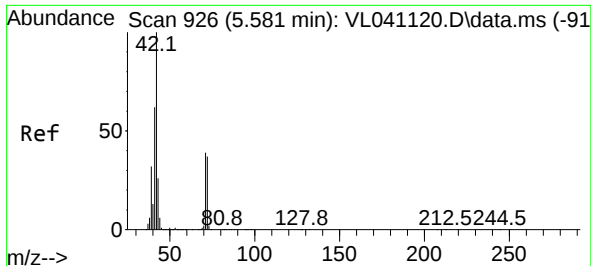
Lab File: VL041176.D

Acq: 25 Apr 2024 18:33

Tgt Ion: 88 Resp: 376785

Ion	Ratio	Lower	Upper
88	100		
58	126.3	107.8	161.6
43	254.0	223.8	335.6
57	1084.6	980.5	1470.7





#41

Tetrahydrofuran

Concen: 11.814 ppbv

RT: 5.545 min Scan# 91

Delta R.T. 0.007 min

Lab File: VL041176.D

Acq: 25 Apr 2024 18:33

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 42 Resp: 98049

Ion Ratio Lower Upper

42 100

72 38.7 31.2 46.8

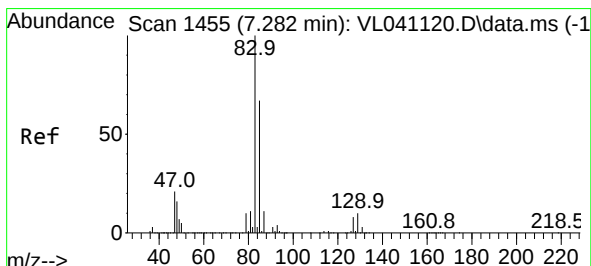
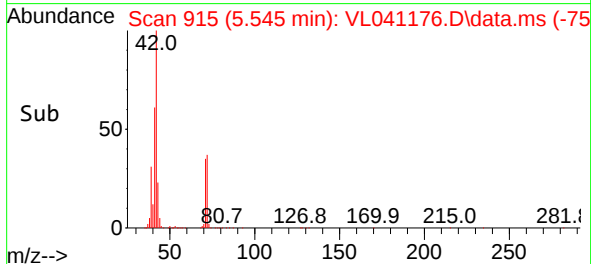
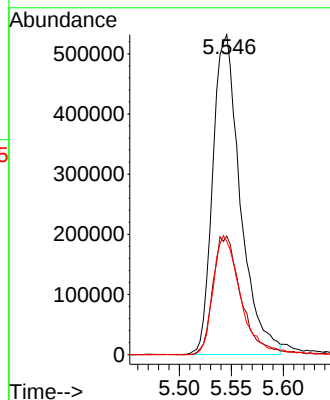
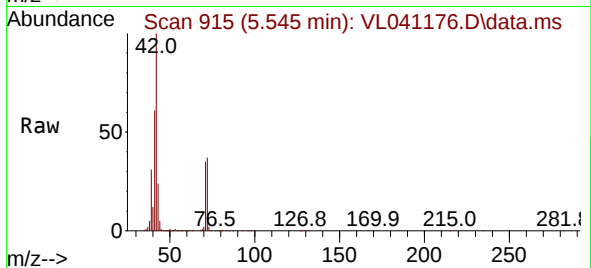
71 37.6 29.9 44.9

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/26/2024

Supervised By :Mahesh Dadoda 04/26/2024



#42

Bromodichloromethane

Concen: 11.538 ppbv

RT: 7.234 min Scan# 1440

Delta R.T. 0.007 min

Lab File: VL041176.D

Acq: 25 Apr 2024 18:33

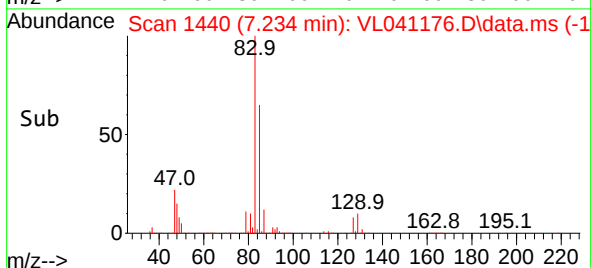
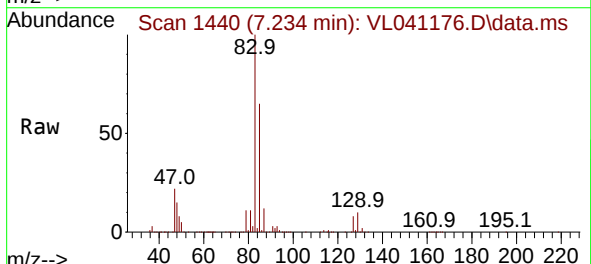
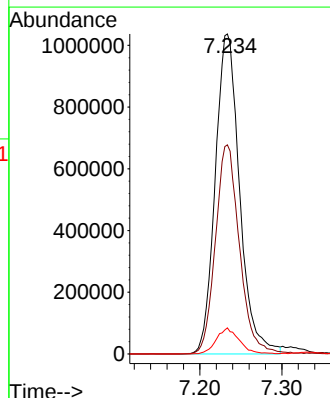
Tgt Ion: 83 Resp: 2140976

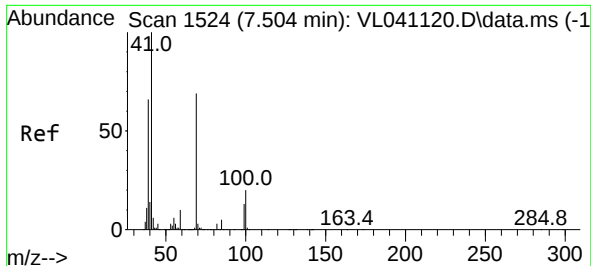
Ion Ratio Lower Upper

83 100

85 65.3 53.5 80.3

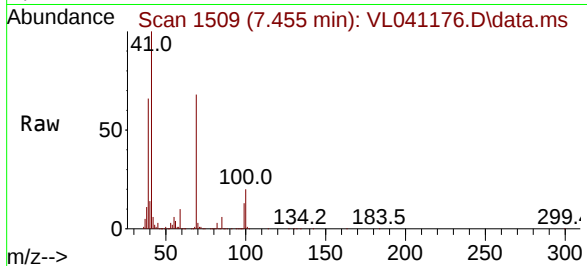
127 8.2 6.2 9.4





#43
Methyl Methacrylate
Concen: 12.416 ppbv
RT: 7.455 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33

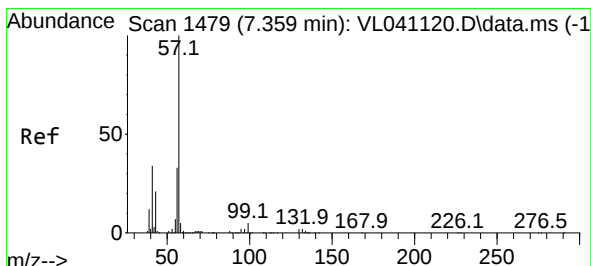
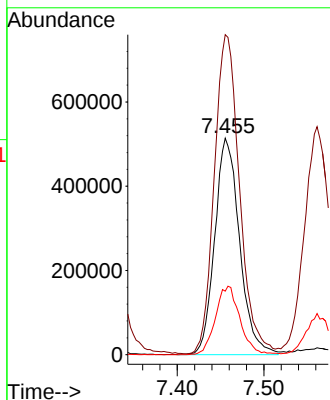
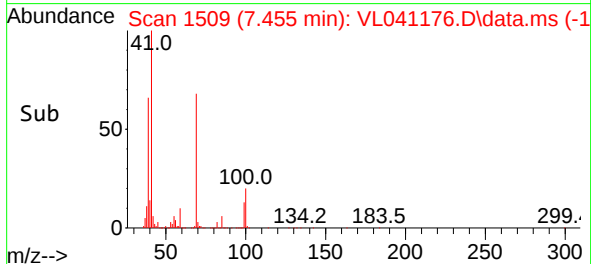
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 69 Resp: 1023062
Ion Ratio Lower Upper
69 100
41 150.6 119.2 178.8
100 31.3 24.6 37.0

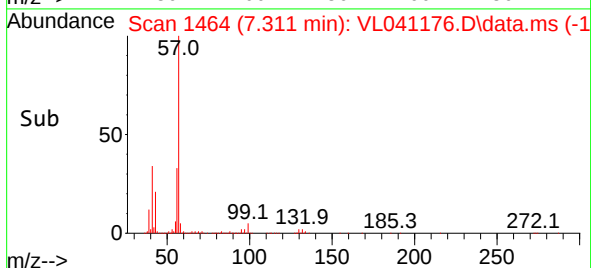
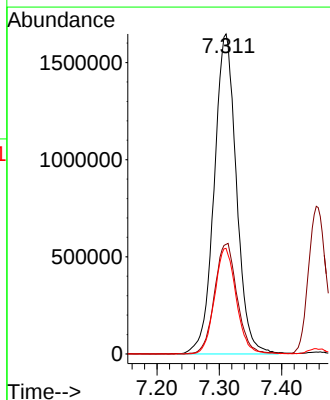
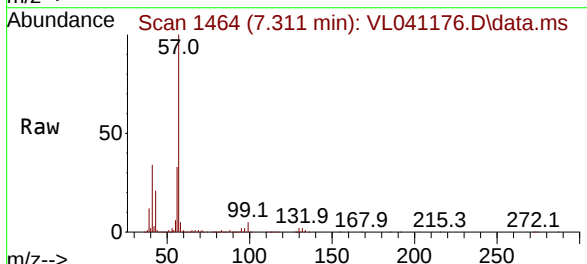
Manual Integrations
APPROVED

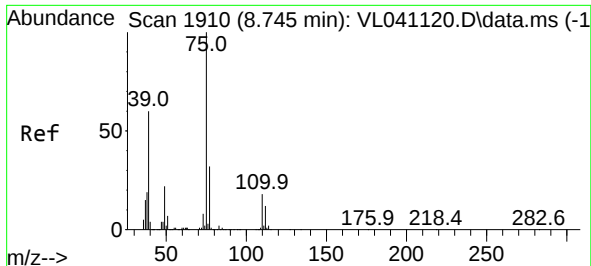
Reviewed By :Semsettin Yesilyurt 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#44
2,2,4-Trimethylpentane
Concen: 11.392 ppbv
RT: 7.311 min Scan# 1464
Delta R.T. 0.007 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33

Tgt Ion: 57 Resp: 4079844
Ion Ratio Lower Upper
57 100
41 35.1 28.2 42.2
56 32.2 25.2 37.8





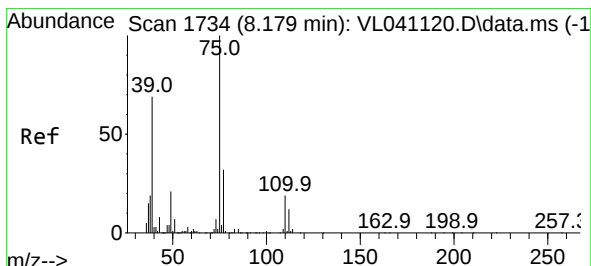
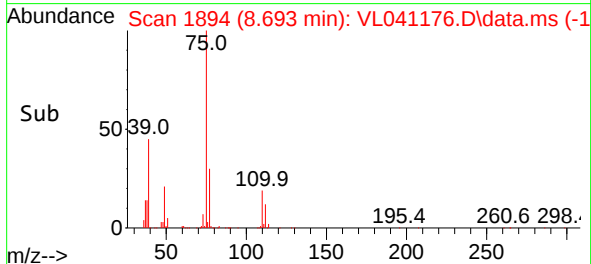
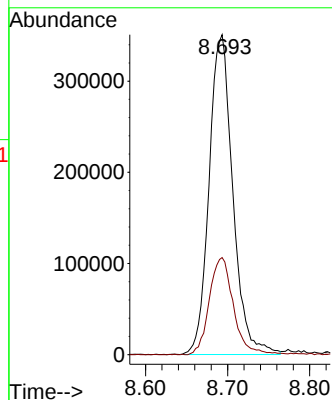
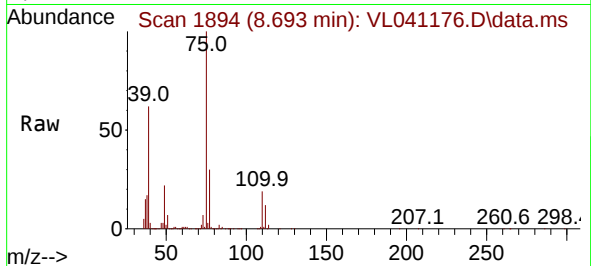
#45
t-1,3-Dichloropropene
Concen: 14.500 ppbv
RT: 8.693 min Scan# 1716
Delta R.T. 0.007 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 75 Resp: 704090
Ion Ratio Lower Upper
75 100
77 30.3 25.4 38.2

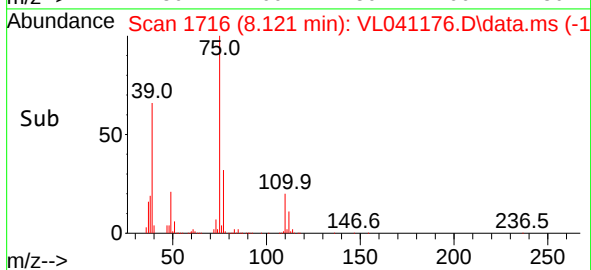
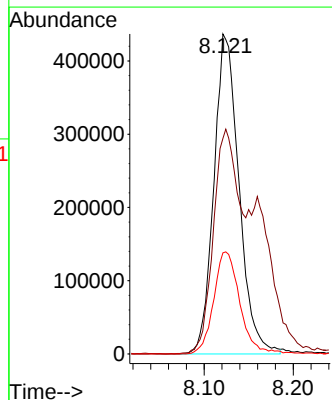
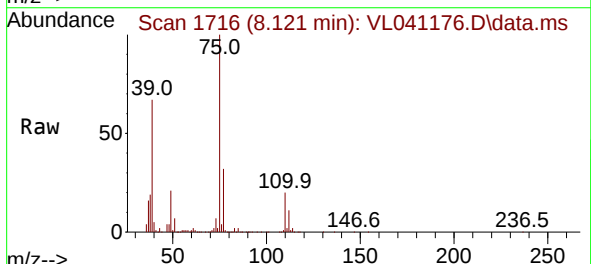
Manual Integrations
APPROVED

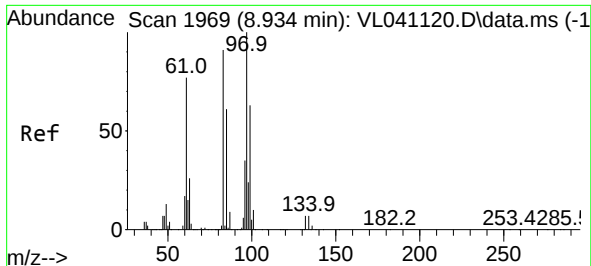
Reviewed By :Semsettin Yesilyurt 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#46
cis-1,3-Dichloropropene
Concen: 13.602 ppbv
RT: 8.121 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33

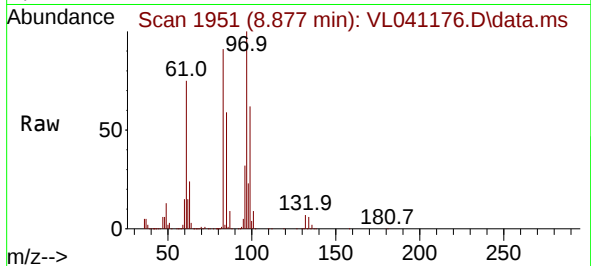
Tgt Ion: 75 Resp: 854543
Ion Ratio Lower Upper
75 100
39 67.2 55.1 82.7
77 31.6 25.2 37.8





#47
1,1,2-Trichloroethane
Concen: 11.510 ppbv
RT: 8.877 min Scan# 1969
Delta R.T. -0.003 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33

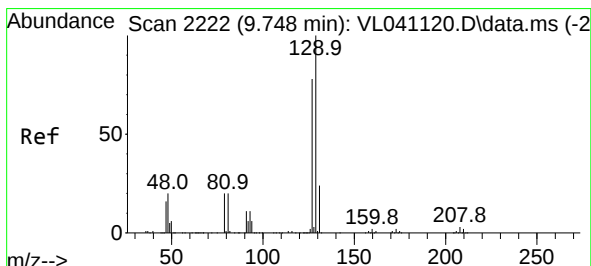
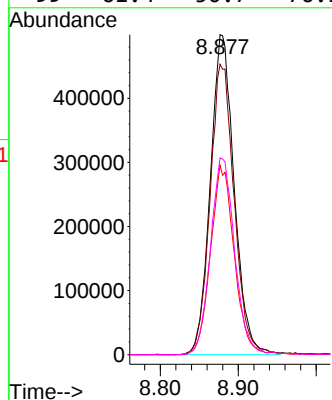
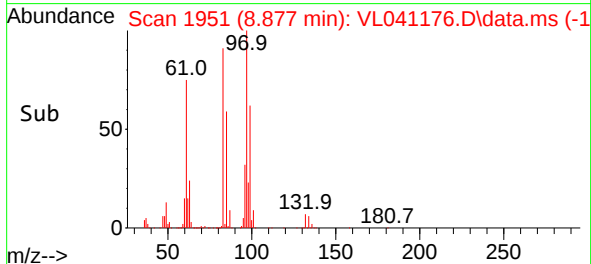
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 97 Resp: 106105
Ion Ratio Lower Upper
97 100
83 90.7 72.9 109.3
85 59.2 49.1 73.7
99 61.4 50.7 76.1

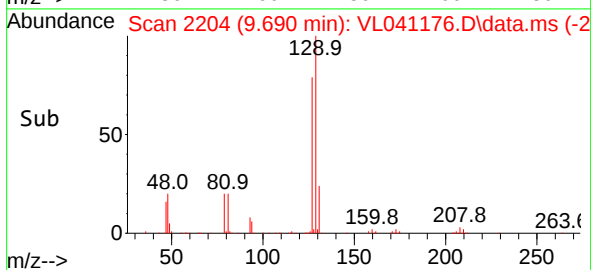
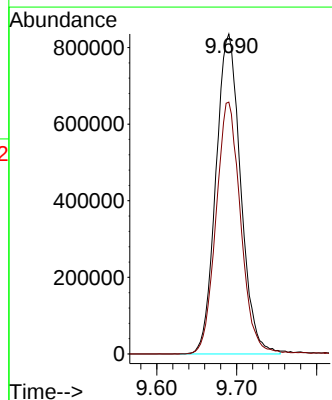
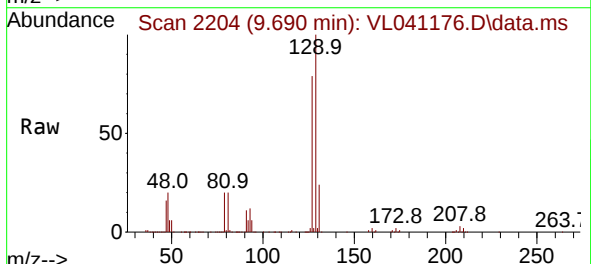
Manual Integrations
APPROVED

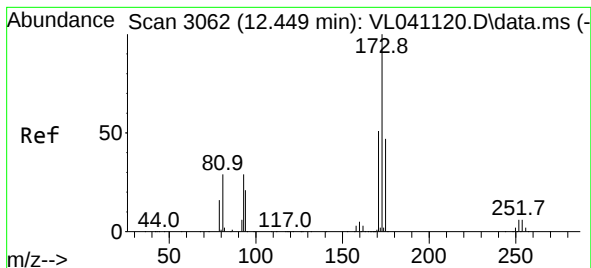
Reviewed By :Semsettin Yesilyurt 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#48
Dibromochloromethane
Concen: 12.276 ppbv
RT: 9.690 min Scan# 2204
Delta R.T. 0.003 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33

Tgt Ion:129 Resp: 1796459
Ion Ratio Lower Upper
129 100
127 78.7 39.3 117.9





#49

Bromoform

Concen: 12.642 ppbv

RT: 12.384 min Scan# 3062

Delta R.T. 0.003 min

Lab File: VL041176.D

Acq: 25 Apr 2024 18:33

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:173 Resp: 146563

Ion Ratio Lower Upper

173 100

175 49.9 39.4 59.0

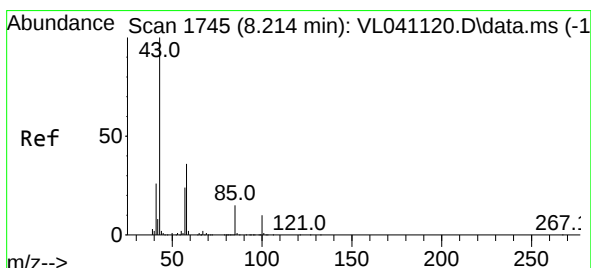
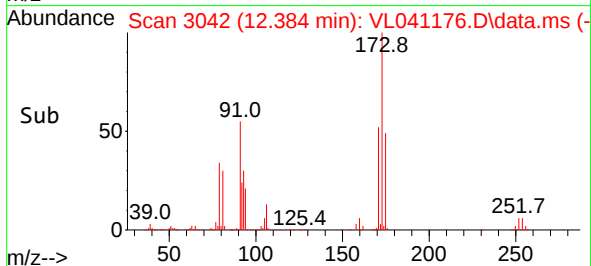
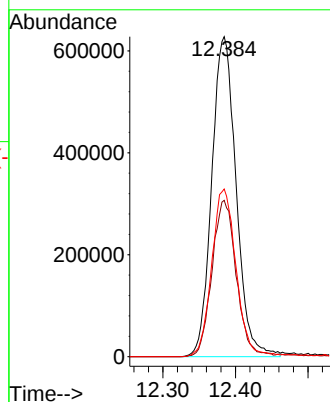
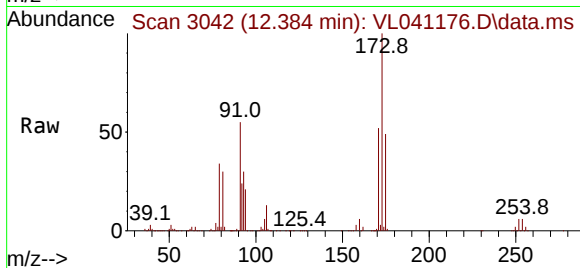
171 53.0 42.9 64.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/26/2024

Supervised By :Mahesh Dadoda 04/26/2024



#50

4-Methyl-2-Pentanone

Concen: 12.026 ppbv

RT: 8.160 min Scan# 1728

Delta R.T. 0.000 min

Lab File: VL041176.D

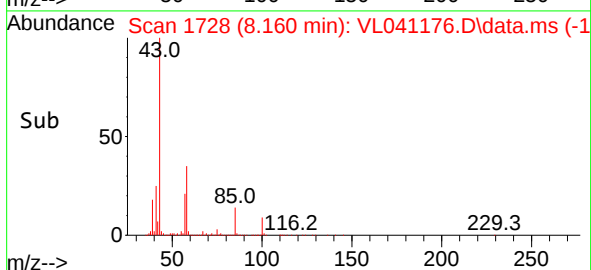
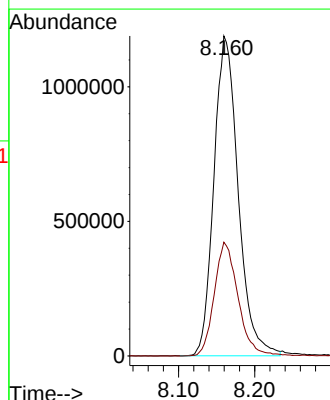
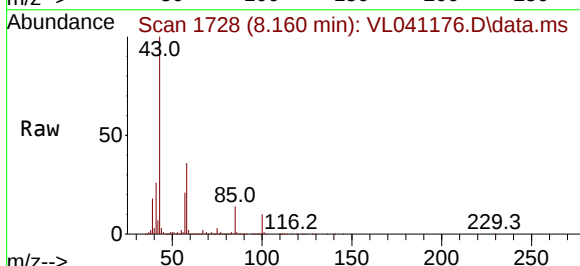
Acq: 25 Apr 2024 18:33

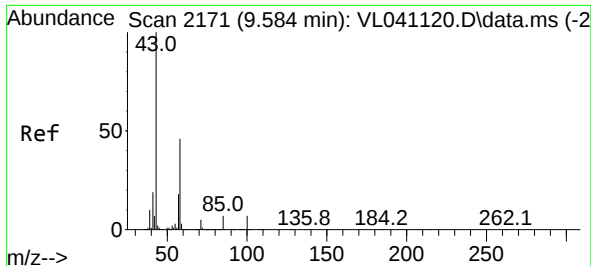
Tgt Ion: 43 Resp: 2637988

Ion Ratio Lower Upper

43 100

58 34.9 27.7 41.5





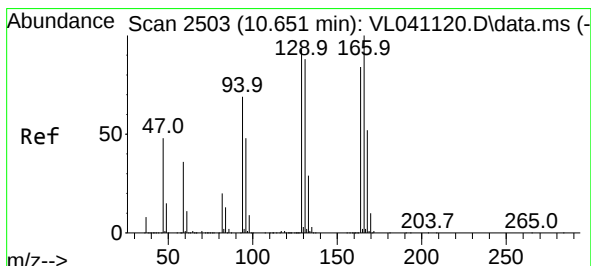
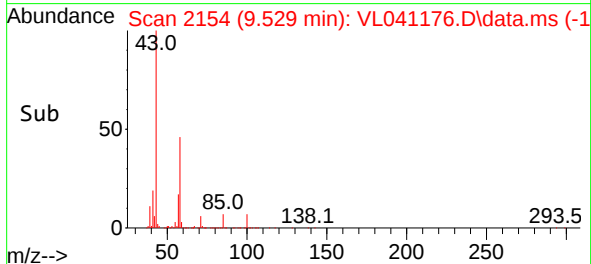
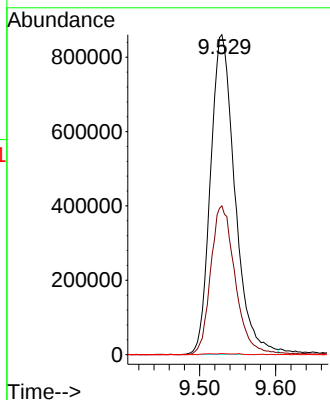
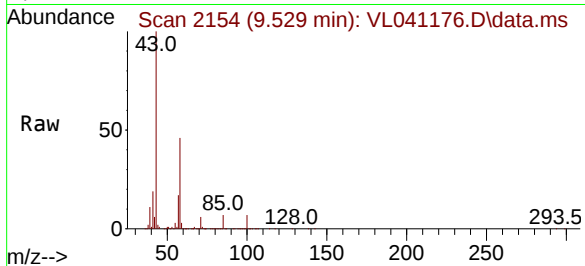
#51
2-Hexanone
Concen: 12.620 ppbv
RT: 9.529 min Scan# 2171
Delta R.T. 0.003 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 1919352
Ion Ratio Lower Upper
43 100
58 47.0 37.3 55.9
98 0.2 0.3 0.5

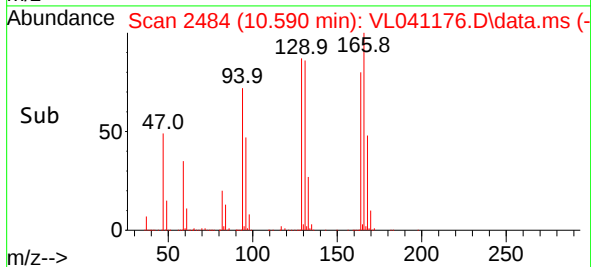
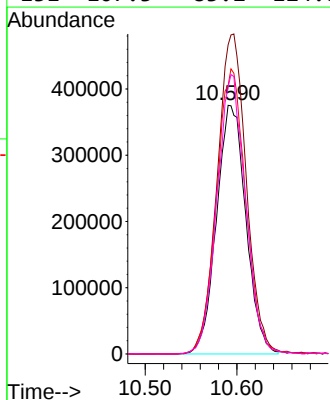
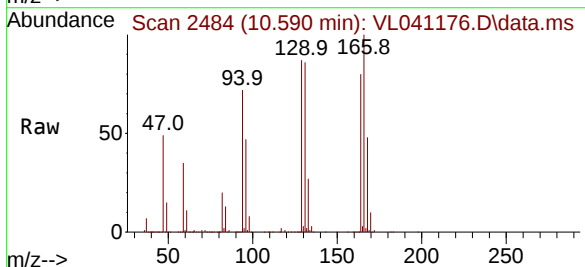
Manual Integrations
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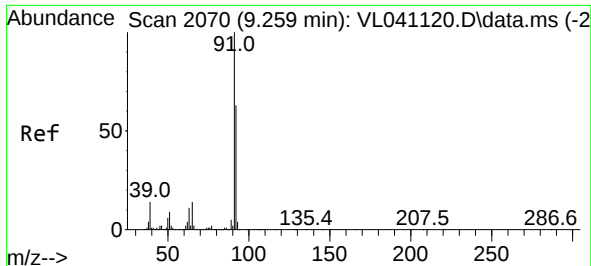
Reviewed By :Semsettin Yesilyurt 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#52
Tetrachloroethene
Concen: 12.069 ppbv
RT: 10.590 min Scan# 2484
Delta R.T. 0.000 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33

Tgt Ion:164 Resp: 832996
Ion Ratio Lower Upper
164 100
166 124.3 95.0 142.6
129 107.9 88.7 133.1
131 107.3 83.2 124.8





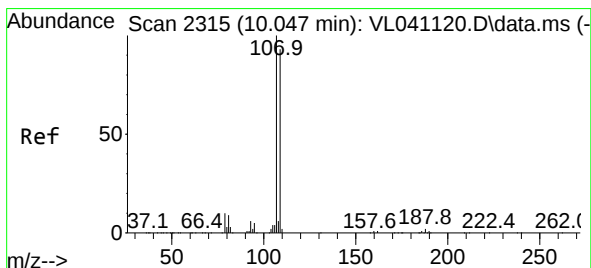
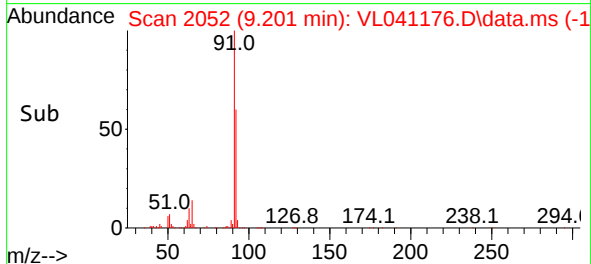
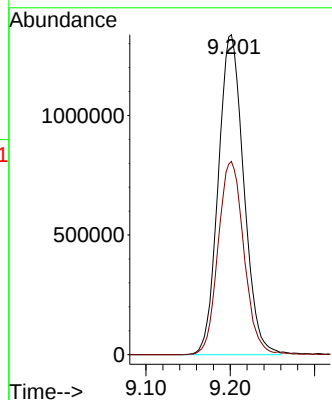
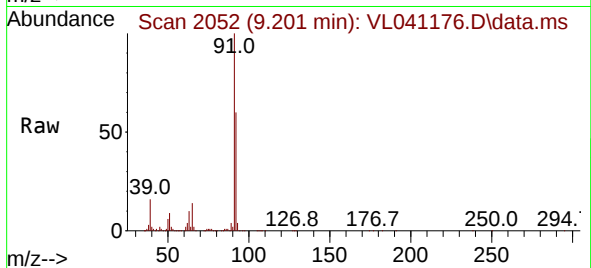
#53
Toluene
Concen: 12.306 ppbv
RT: 9.201 min Scan# 2070
Delta R.T. 0.003 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 2802884
Ion Ratio Lower Upper
91 100
92 61.5 49.0 73.4

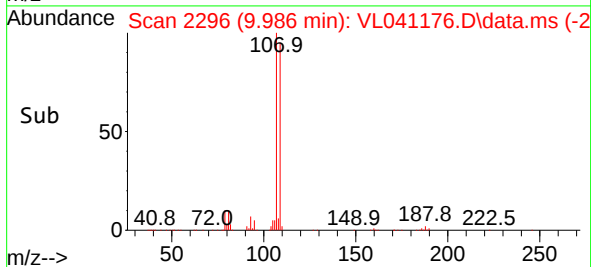
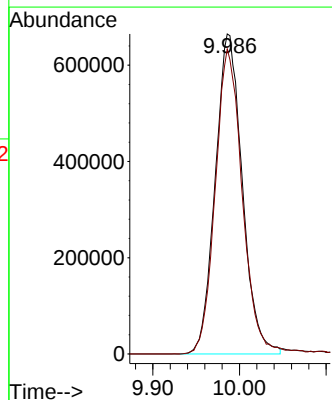
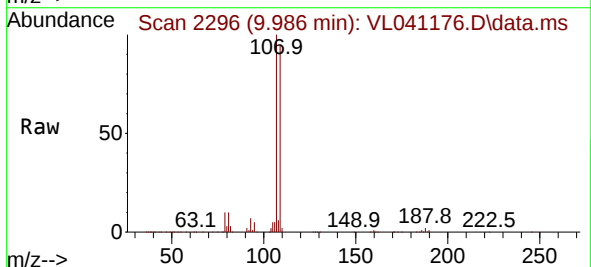
Manual Integrations
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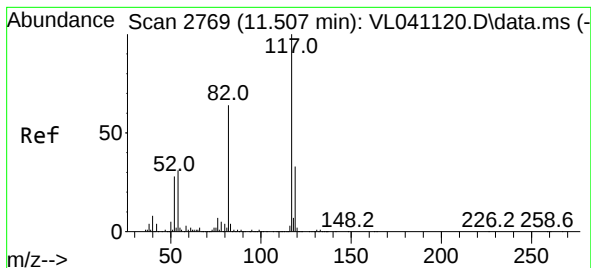
Reviewed By :Semsettin Yesilyurt 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#54
1,2-Dibromoethane
Concen: 12.547 ppbv
RT: 9.986 min Scan# 2296
Delta R.T. 0.000 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33

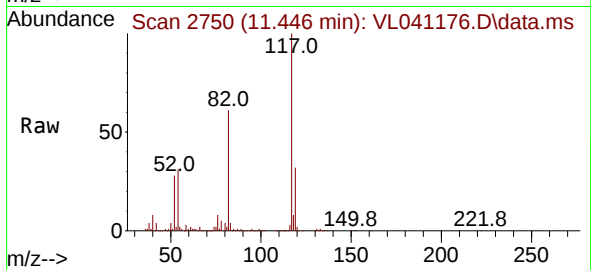
Tgt Ion:107 Resp: 1442536
Ion Ratio Lower Upper
107 100
109 95.3 74.3 111.5





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.446 min Scan# 2769
Delta R.T. 0.003 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33

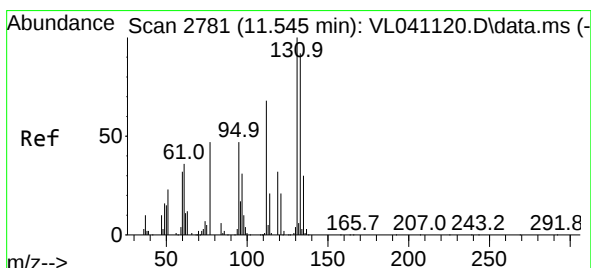
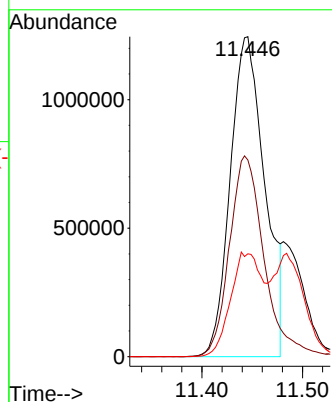
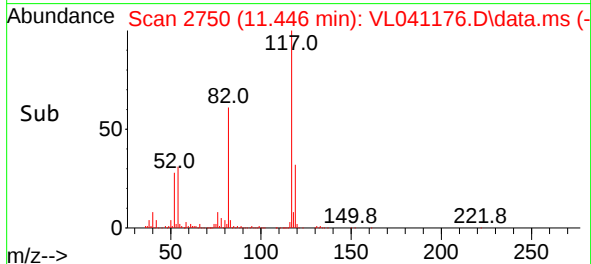
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



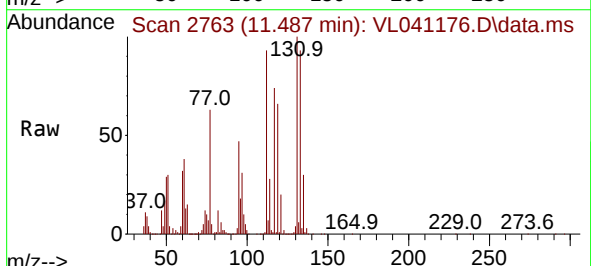
Tgt Ion:117 Resp: 2974729
Ion Ratio Lower Upper
117 100
82 63.8 51.0 76.6
119 32.1 25.2 37.8

Manual Integrations
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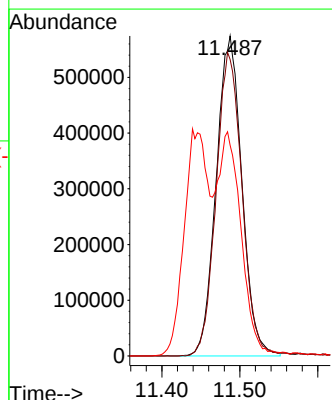
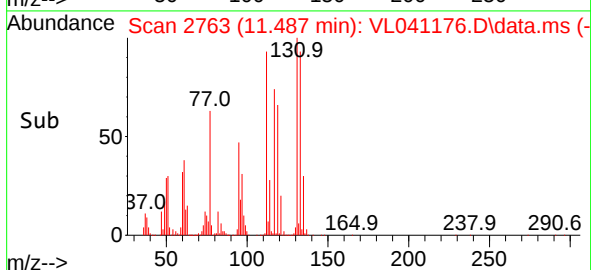
Reviewed By :Semsettin Yesilyurt 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024

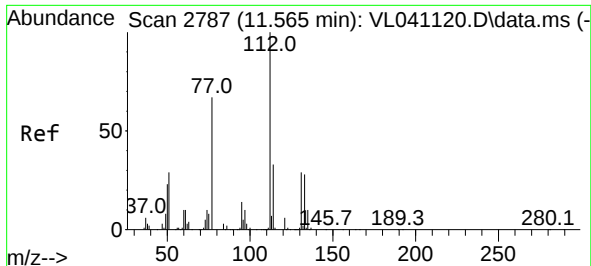


#56
1,1,1,2-Tetrachloroethane
Concen: 10.769 ppbv
RT: 11.487 min Scan# 2763
Delta R.T. 0.003 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33



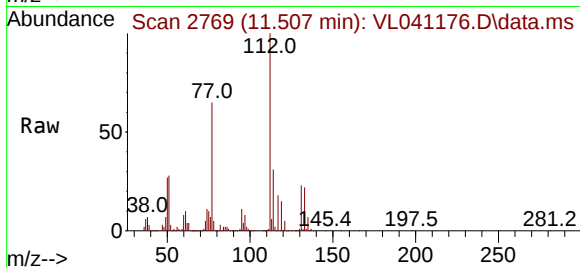
Tgt Ion:131 Resp: 1316559
Ion Ratio Lower Upper
131 100
133 96.4 76.6 115.0
119 62.1 49.9 74.9





#57
Chlorobenzene
Concen: 10.854 ppbv
RT: 11.507 min Scan# 2110
Delta R.T. 0.007 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33

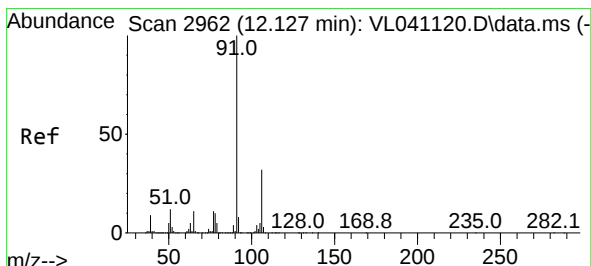
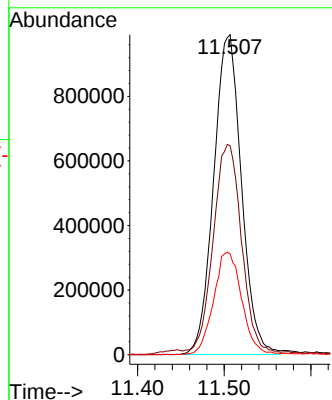
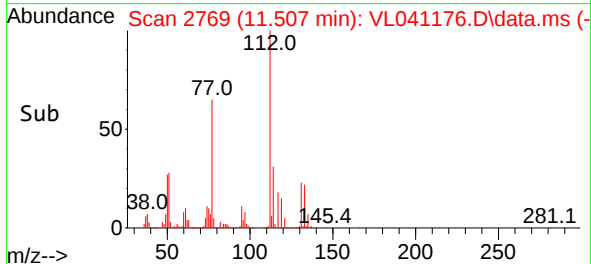
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:112 Resp: 2210294
Ion Ratio Lower Upper
112 100
77 64.6 54.0 81.0
114 31.4 29.3 35.9

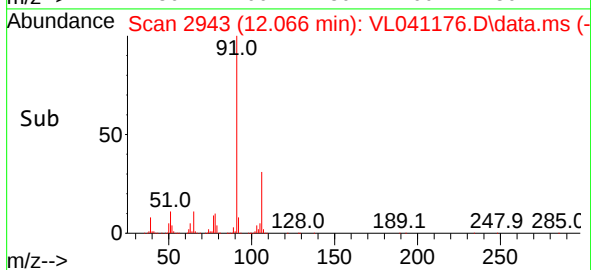
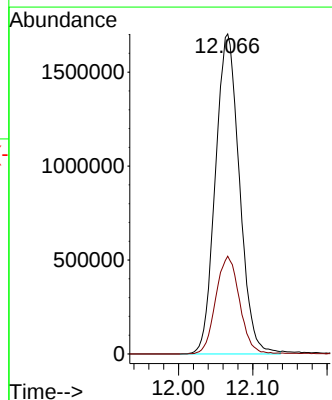
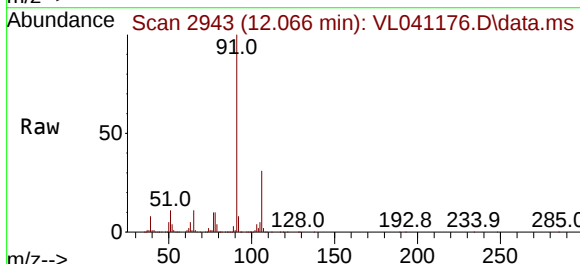
Manual Integrations
APPROVED

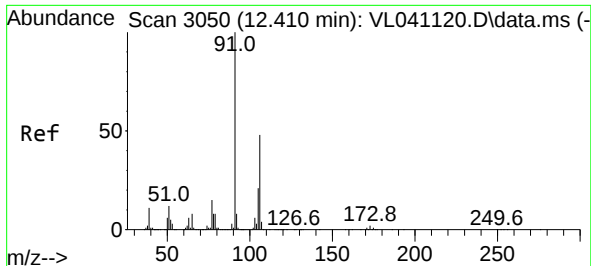
Reviewed By :Semsettin Yesilyurt 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#58
Ethyl Benzene
Concen: 11.761 ppbv
RT: 12.066 min Scan# 2943
Delta R.T. 0.003 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33

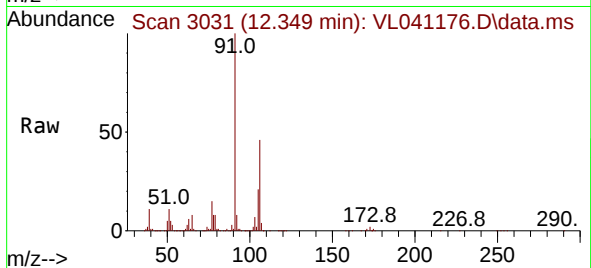
Tgt Ion: 91 Resp: 3830364
Ion Ratio Lower Upper
91 100
106 30.6 25.6 38.4





#59
m/p-Xylene
Concen: 22.436 ppbv m
RT: 12.349 min Scan# 3050
Delta R.T. 0.000 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33

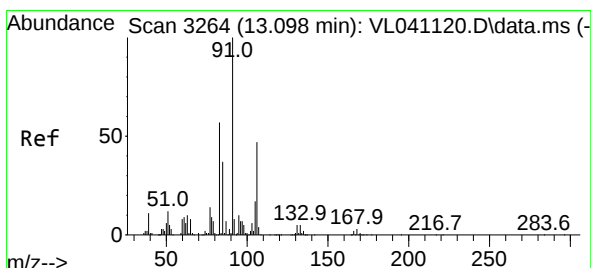
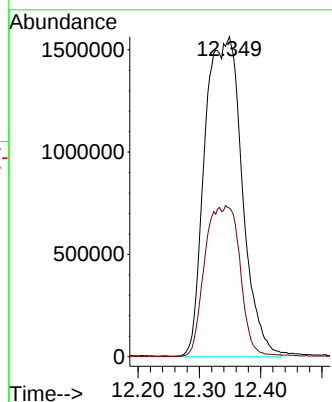
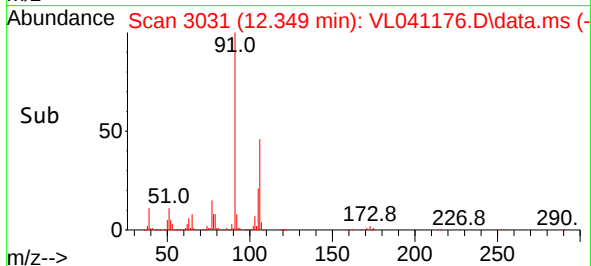
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



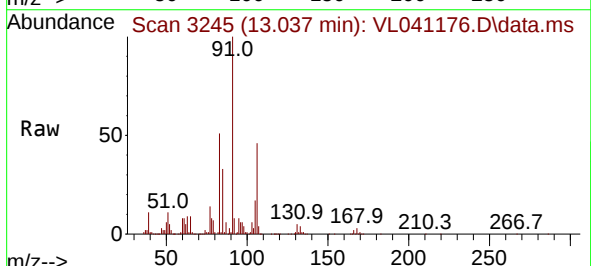
Tgt Ion: 91 Resp: 659913
Ion Ratio Lower Upper
91 100
106 0.0 35.4 53.2

Manual Integrations
APPROVED

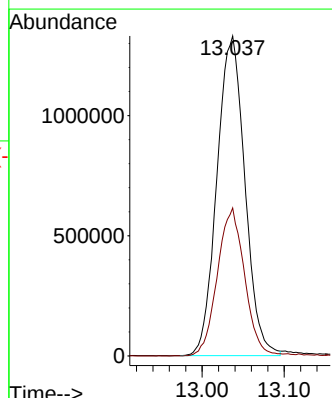
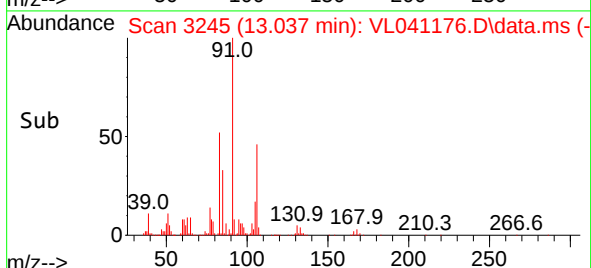
Reviewed By :Semsettin Yesilyurt 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024

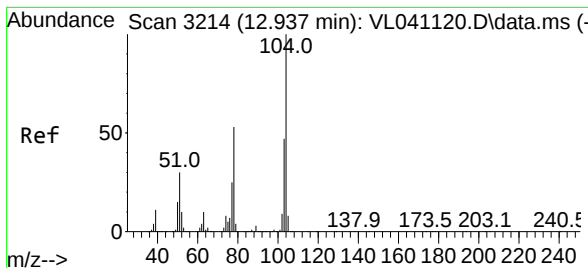


#60
o-Xylene
Concen: 11.321 ppbv
RT: 13.037 min Scan# 3245
Delta R.T. 0.003 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33



Tgt Ion: 91 Resp: 3154940
Ion Ratio Lower Upper
91 100
106 45.6 22.9 68.5





#61

Styrene

Concen: 12.909 ppbv

RT: 12.873 min Scan# 3194

Delta R.T. 0.000 min

Lab File: VL041176.D

Acq: 25 Apr 2024 18:33

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:104 Resp: 1594174

Ion Ratio Lower Upper

104 100

78 53.8 43.3 64.9

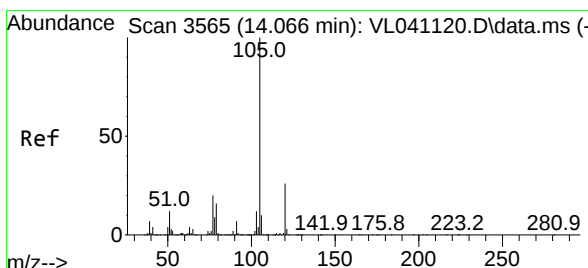
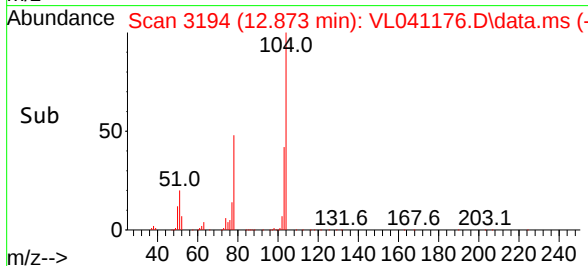
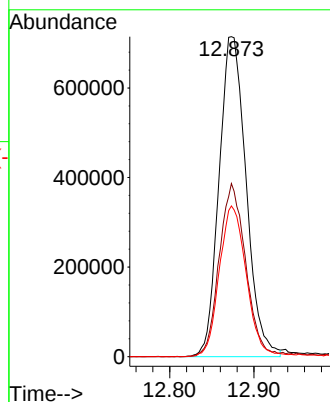
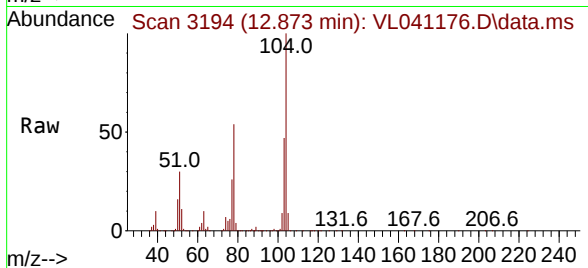
103 47.5 38.2 57.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/26/2024

Supervised By :Mahesh Dadoda 04/26/2024



#62

Isopropylbenzene

Concen: 11.157 ppbv

RT: 14.005 min Scan# 3546

Delta R.T. 0.000 min

Lab File: VL041176.D

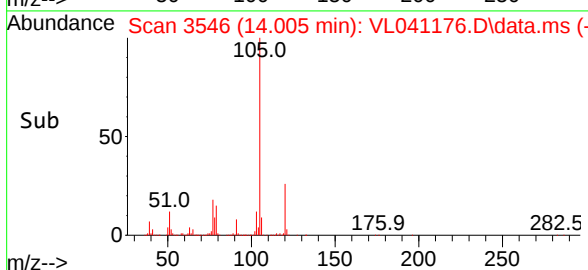
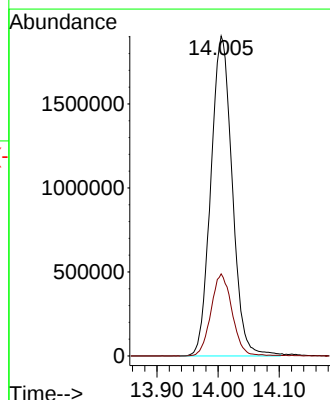
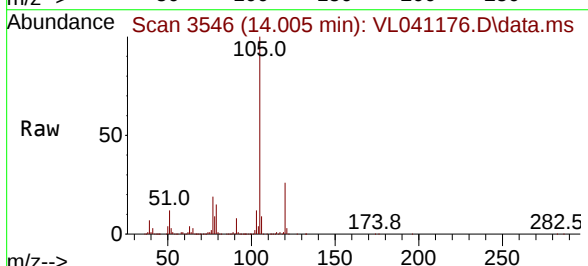
Acq: 25 Apr 2024 18:33

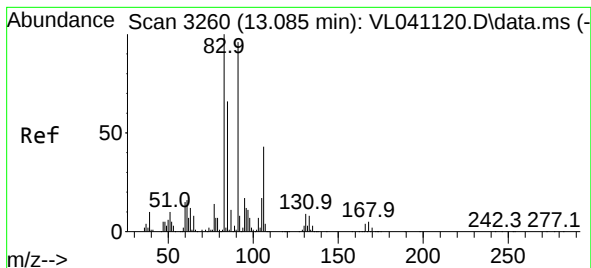
Tgt Ion:105 Resp: 4629038

Ion Ratio Lower Upper

105 100

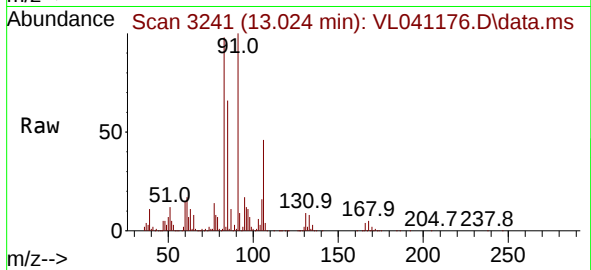
120 25.5 21.0 31.4





#63
1,1,2,2-Tetrachloroethane
Concen: 11.040 ppbv
RT: 13.024 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33

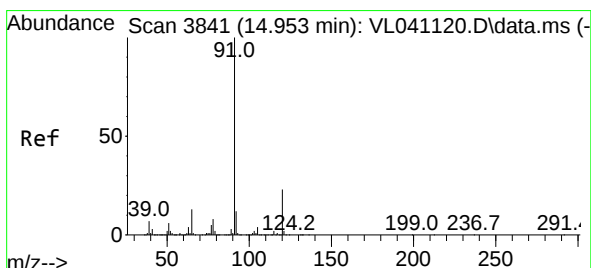
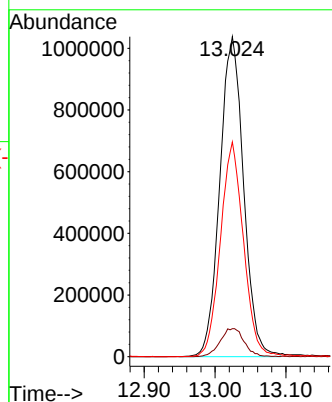
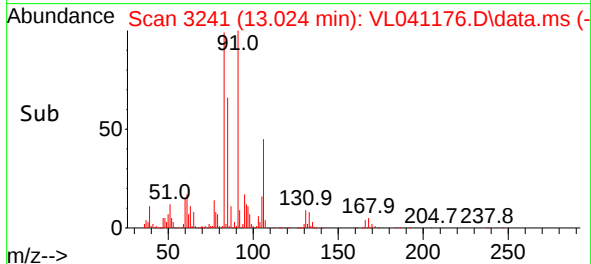
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



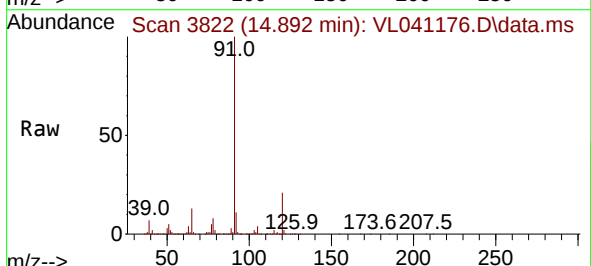
Tgt Ion: 83 Resp: 241742
Ion Ratio Lower Upper
83 100
131 8.9 4.7 14.0
85 65.5 33.1 99.2

Manual Integrations
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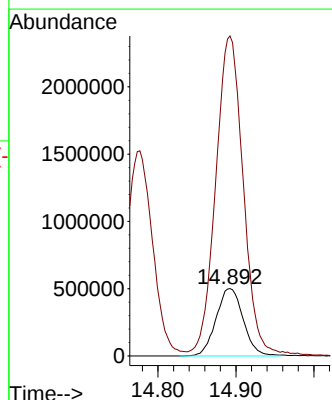
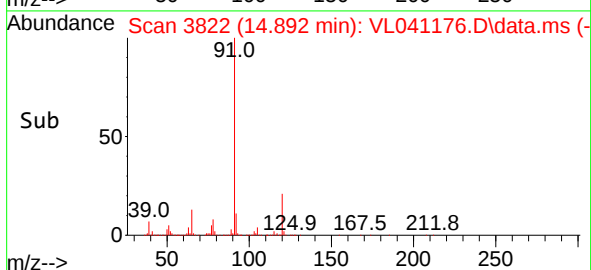
Reviewed By :Semsettin Yesilyurt 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024

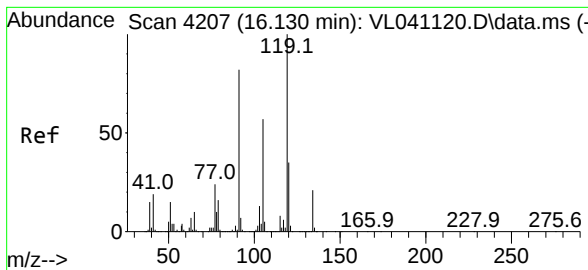


#64
n-propylbenzene
Concen: 11.650 ppbv
RT: 14.892 min Scan# 3822
Delta R.T. 0.007 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33



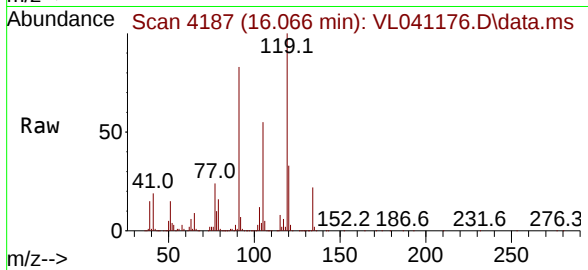
Tgt Ion:120 Resp: 1213011
Ion Ratio Lower Upper
120 100
91 485.1 395.0 592.6





#65
tert-Butylbenzene
Concen: 11.344 ppbv
RT: 16.066 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33

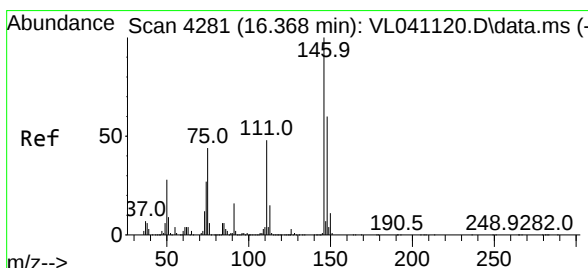
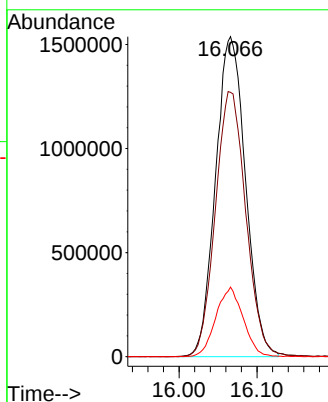
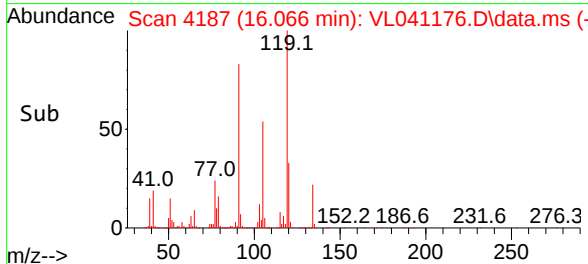
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



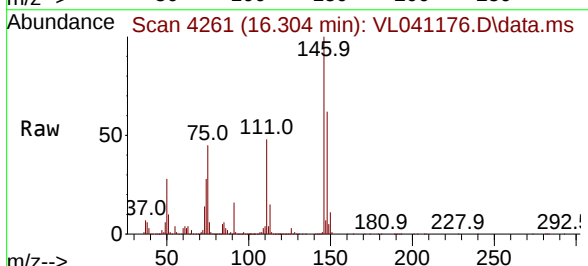
Tgt Ion: 119 Resp: 4109038
Ion Ratio Lower Upper
119 100
91 84.4 67.8 101.8
134 19.8 16.0 24.0

Manual Integrations
APPROVED

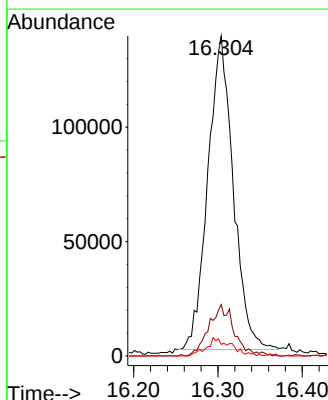
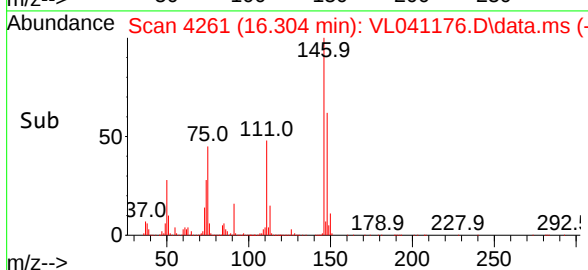
Reviewed By :Semsettin Yesilyurt 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024

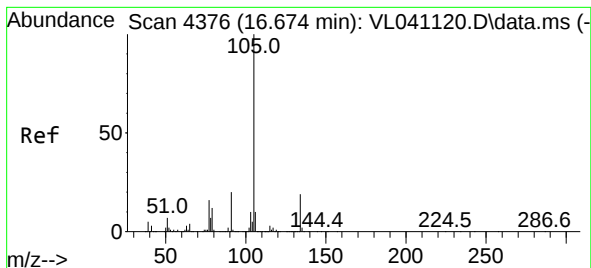


#66
Benzyl Chloride
Concen: 12.089 ppbv
RT: 16.304 min Scan# 4261
Delta R.T. 0.007 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33



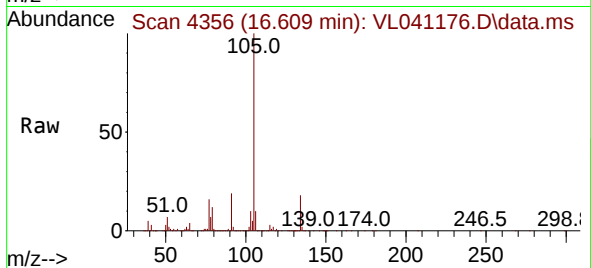
Tgt Ion: 91 Resp: 288097
Ion Ratio Lower Upper
91 100
126 16.4 13.4 20.2
128 5.8 4.3 6.5





#67
 sec-Butylbenzene
 Concen: 11.177 ppbv
 RT: 16.609 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL041176.D
 Acq: 25 Apr 2024 18:33

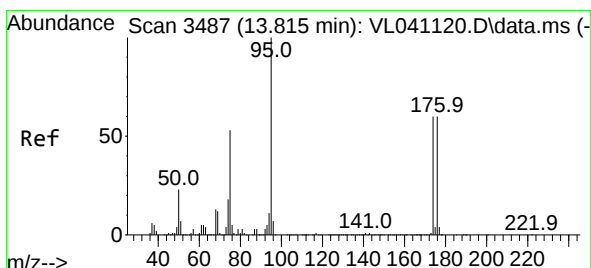
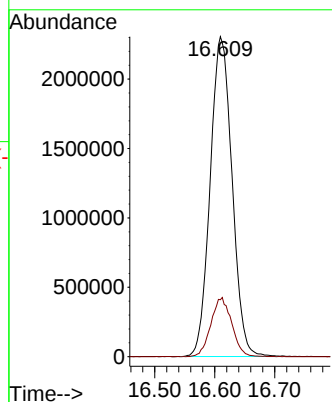
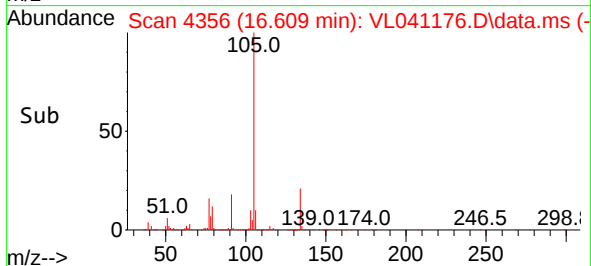
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 105 Resp: 584911
 Ion Ratio Lower Upper
 105 100
 134 17.7 14.3 21.5

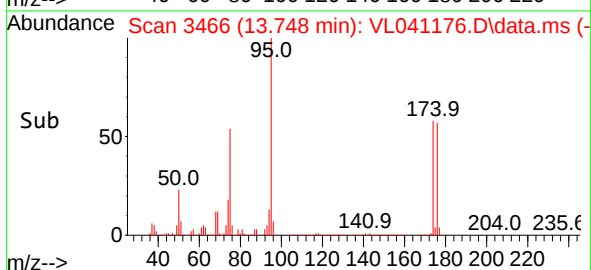
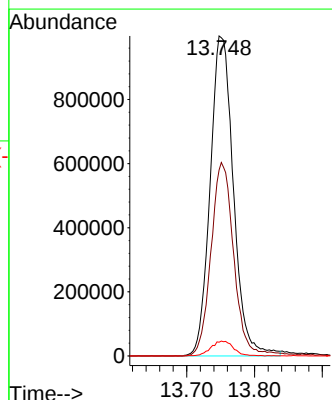
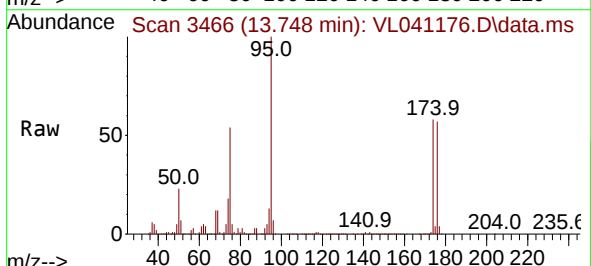
Manual Integrations
 APPROVED

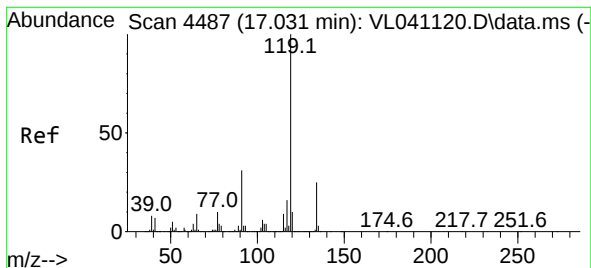
Reviewed By :Semsettin Yesilyurt 04/26/2024
 Supervised By :Mahesh Dadoda 04/26/2024



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.961 ppbv
 RT: 13.748 min Scan# 3466
 Delta R.T. 0.000 min
 Lab File: VL041176.D
 Acq: 25 Apr 2024 18:33

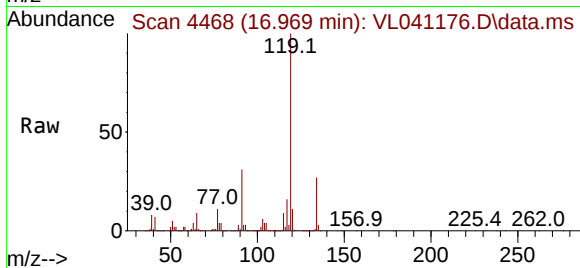
Tgt Ion: 95 Resp: 2382647
 Ion Ratio Lower Upper
 95 100
 174 59.9 49.3 73.9
 175 4.6 3.6 5.4





#69
p-Isopropyltoluene
Concen: 11.575 ppbv
RT: 16.969 min Scan# 4487
Delta R.T. 0.000 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33

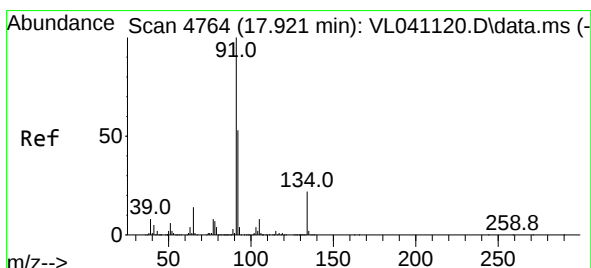
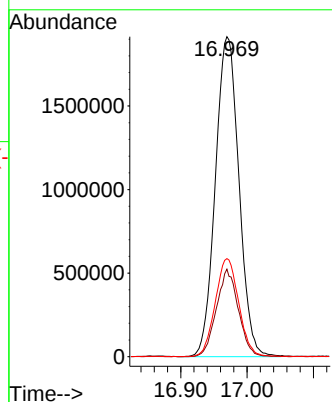
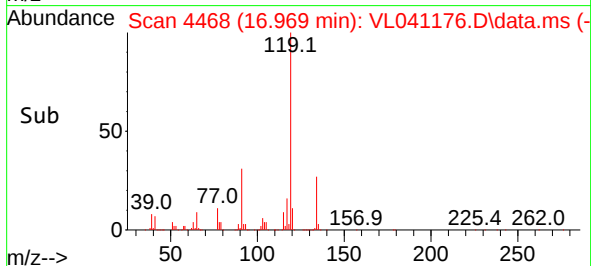
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:119 Resp: 4723502
Ion Ratio Lower Upper
119 100
134 25.5 20.5 30.7
91 30.6 24.8 37.2

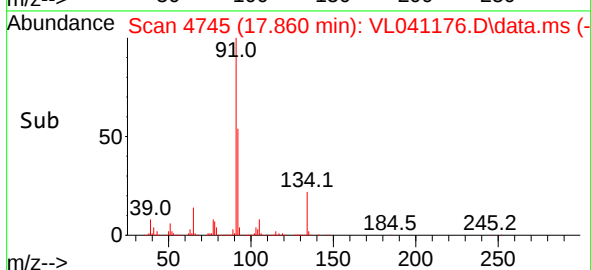
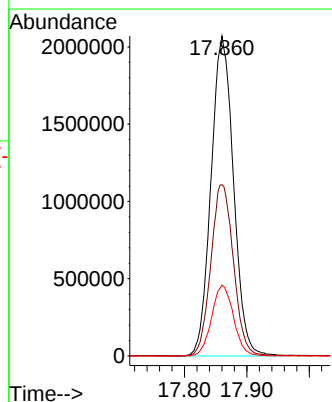
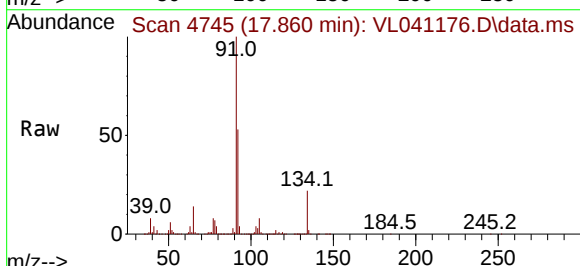
Manual Integrations
APPROVED

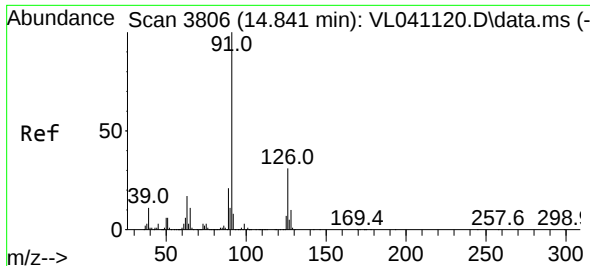
Reviewed By :Semsettin Yesilyurt 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#70
n-Butylbenzene
Concen: 11.666 ppbv
RT: 17.860 min Scan# 4745
Delta R.T. 0.000 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33

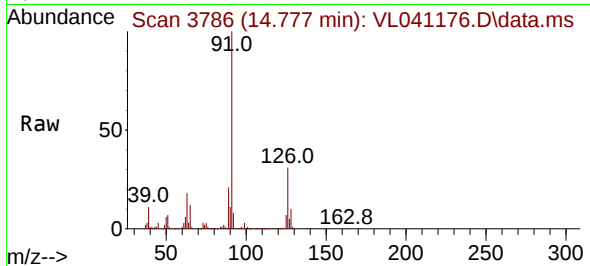
Tgt Ion: 91 Resp: 5171619
Ion Ratio Lower Upper
91 100
92 54.0 43.4 65.0
134 21.6 17.1 25.7





#71
2-Chlorotoluene
Concen: 11.352 ppbv
RT: 14.777 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33

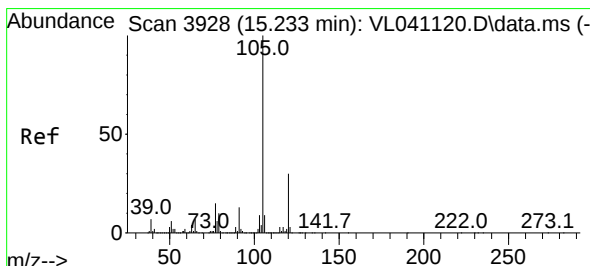
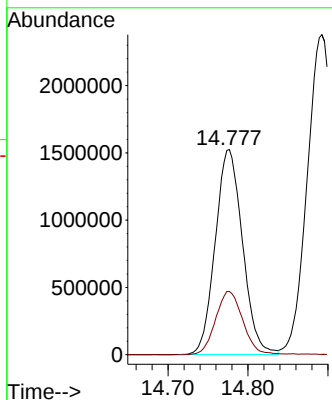
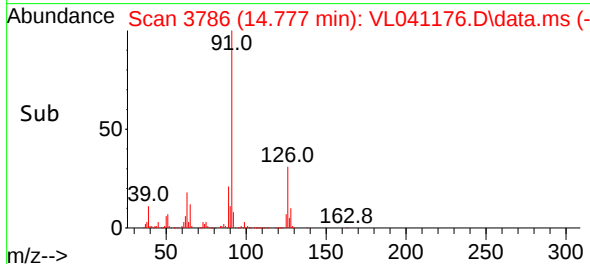
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



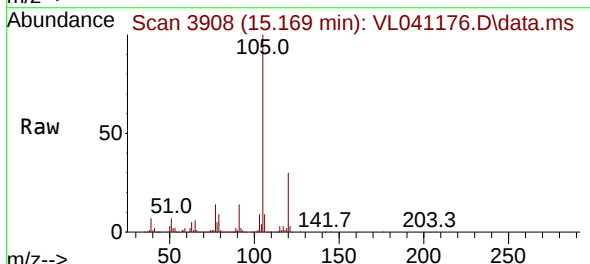
Tgt Ion: 91 Resp: 3612589
Ion Ratio Lower Upper
91 100
126 30.7 12.5 50.1

Manual Integrations
APPROVED

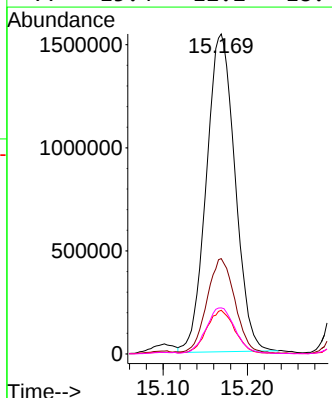
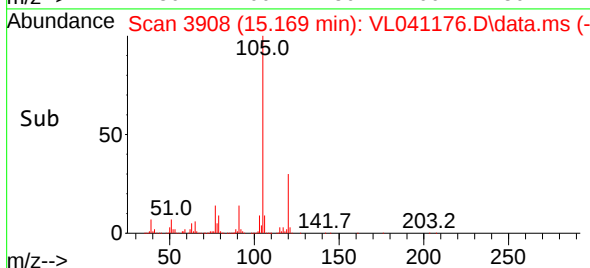
Reviewed By :Semsettin Yesilyurt 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024

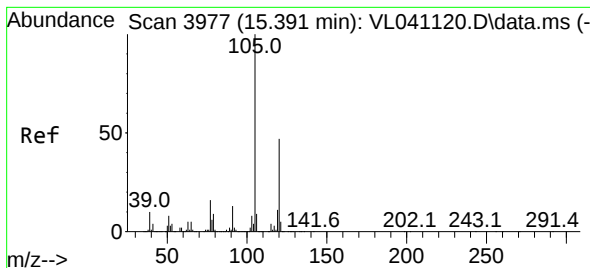


#72
4-Ethyltoluene
Concen: 11.687 ppbv
RT: 15.169 min Scan# 3908
Delta R.T. 0.003 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33



Tgt Ion:105 Resp: 3637901
Ion Ratio Lower Upper
105 100
120 30.8 24.2 36.2
91 14.3 11.2 16.8
77 15.4 12.2 18.4





#73

1,3,5-Trimethylbenzene

Concen: 11.612 ppbv

RT: 15.326 min Scan# 3977

Delta R.T. 0.000 min

Lab File: VL041176.D

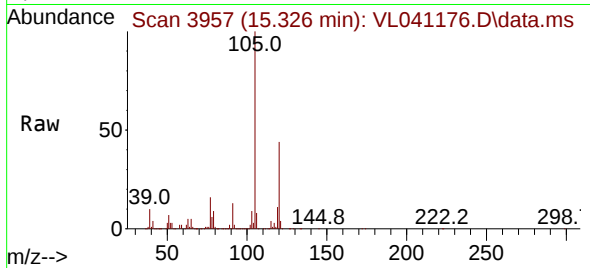
Acq: 25 Apr 2024 18:33

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion:105 Resp: 318779

Ion Ratio Lower Upper

105 100

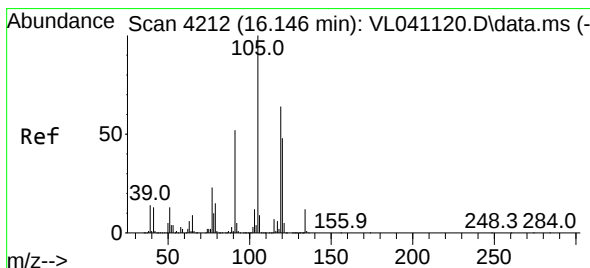
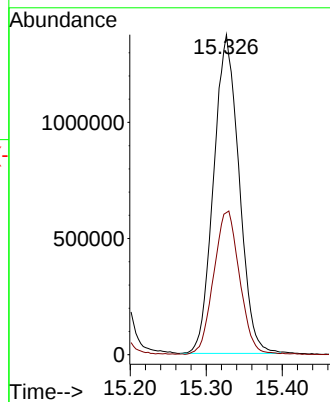
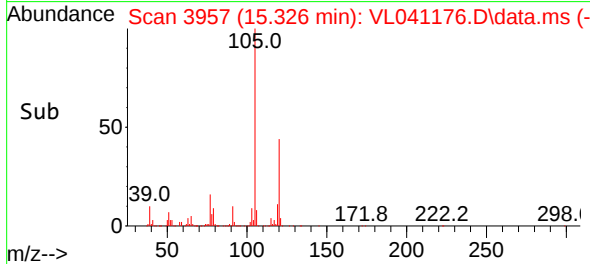
120 44.4 37.8 56.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/26/2024

Supervised By :Mahesh Dadoda 04/26/2024



#74

1,2,4-Trimethylbenzene

Concen: 11.345 ppbv

RT: 16.082 min Scan# 4192

Delta R.T. 0.000 min

Lab File: VL041176.D

Acq: 25 Apr 2024 18:33

Tgt Ion:105 Resp: 3564371

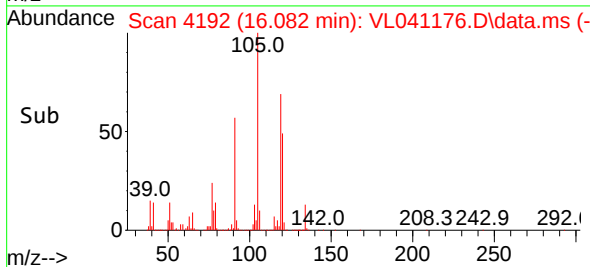
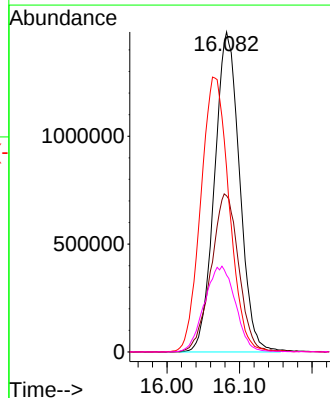
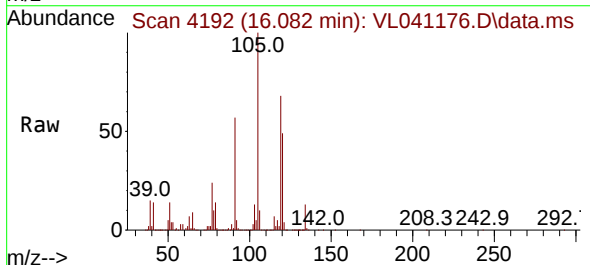
Ion Ratio Lower Upper

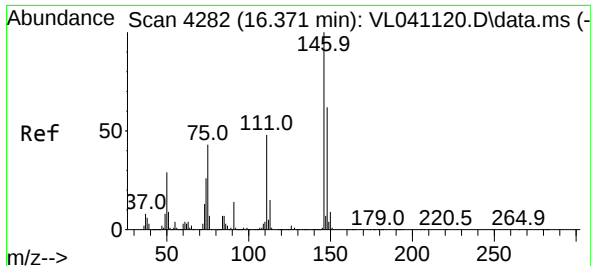
105 100

120 48.6 38.9 58.3

91 57.0 43.0 64.6

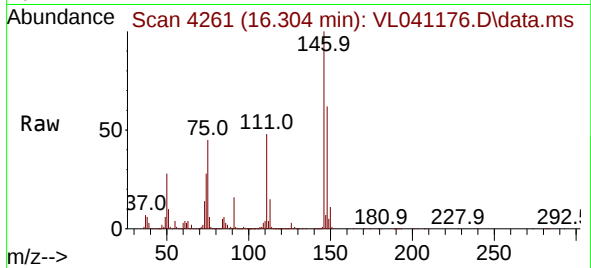
77 23.7 18.6 28.0





#75
1,3-Dichlorobenzene
Concen: 11.344 ppbv
RT: 16.304 min Scan# 4307
Delta R.T. 0.000 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33

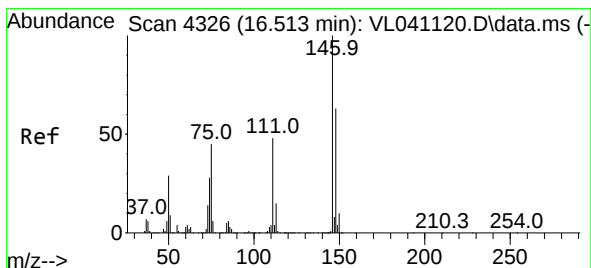
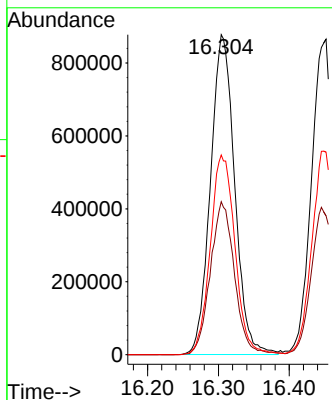
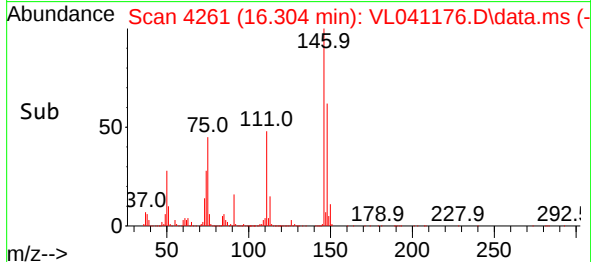
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



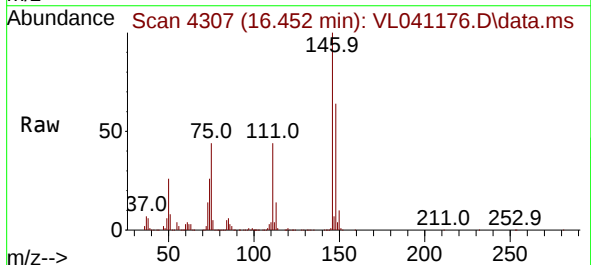
Tgt Ion:146 Resp: 2080912
Ion Ratio Lower Upper
146 100
111 47.8 24.1 72.4
148 63.7 32.0 96.2

Manual Integrations
APPROVED

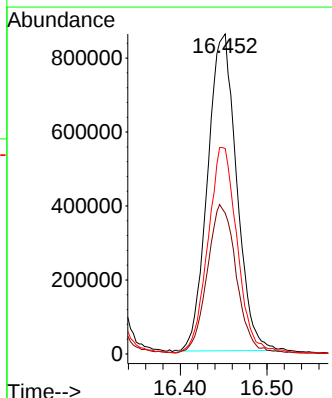
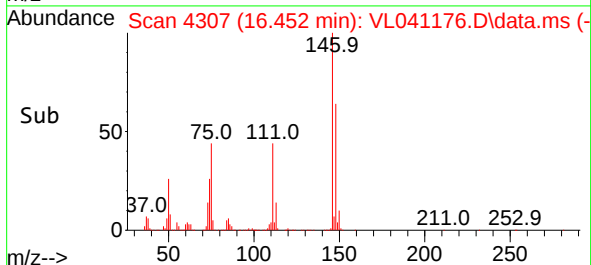
Reviewed By :Semsettin Yesilyurt 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024

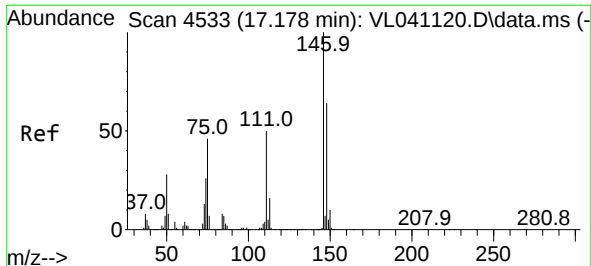


#76
1,4-Dichlorobenzene
Concen: 11.193 ppbv
RT: 16.452 min Scan# 4307
Delta R.T. 0.007 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33



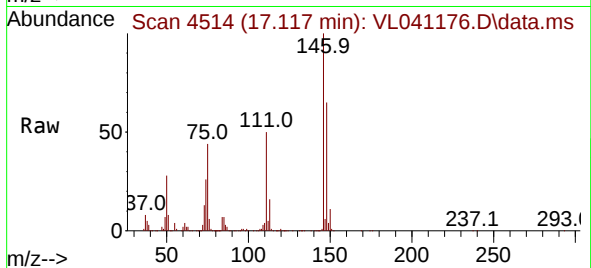
Tgt Ion:146 Resp: 1997169
Ion Ratio Lower Upper
146 100
111 47.9 24.1 72.3
148 66.3 33.1 99.2





#77
1,2-Dichlorobenzene
Concen: 11.285 ppbv
RT: 17.117 min Scan# 411
Delta R.T. 0.003 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33

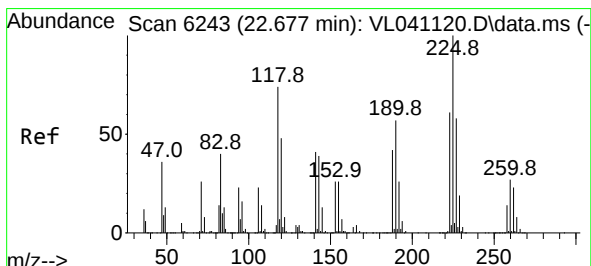
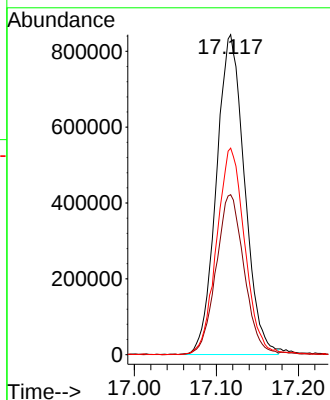
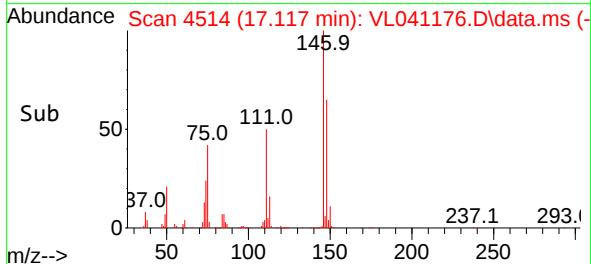
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



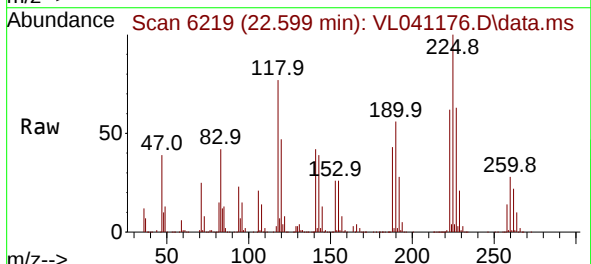
Tgt Ion:146 Resp: 2010199
Ion Ratio Lower Upper
146 100
111 50.3 25.1 75.3
148 65.1 32.6 97.7

Manual Integrations
APPROVED

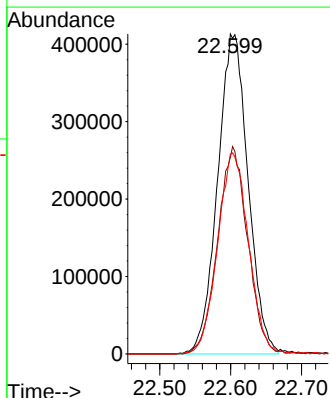
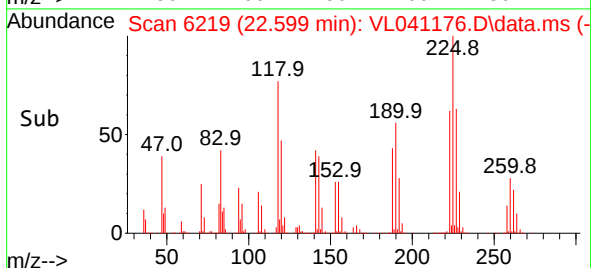
Reviewed By :Semsettin Yesilyurt 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024

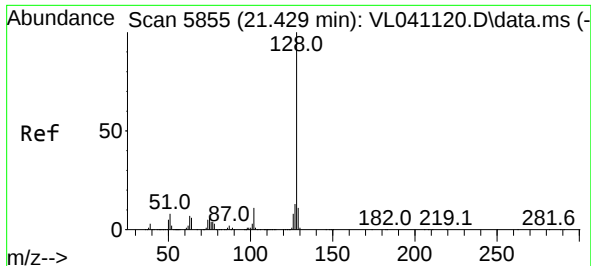


#78
Hexachloro-1,3-Butadiene
Concen: 10.434 ppbv
RT: 22.599 min Scan# 6219
Delta R.T. -0.003 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33



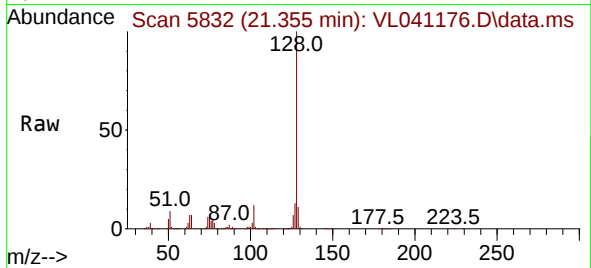
Tgt Ion:225 Resp: 1235636
Ion Ratio Lower Upper
225 100
223 64.2 50.9 76.3
227 63.9 51.3 76.9





#79
Naphthalene
Concen: 14.949 ppbv
RT: 21.355 min Scan# 5832
Delta R.T. 0.000 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33

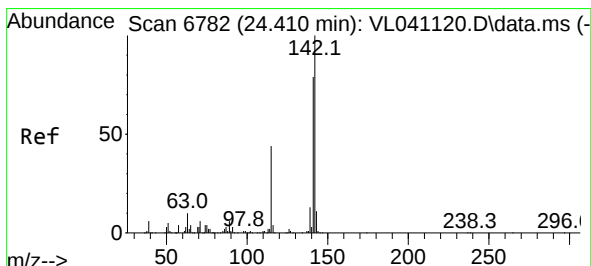
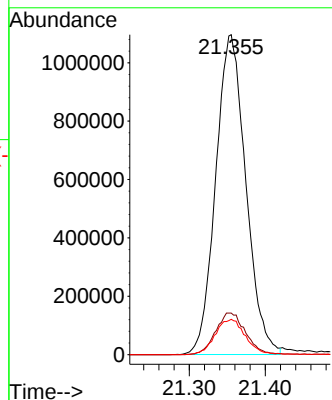
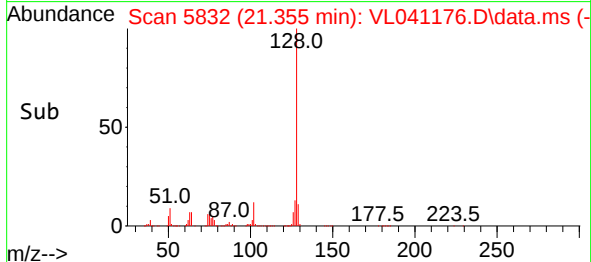
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



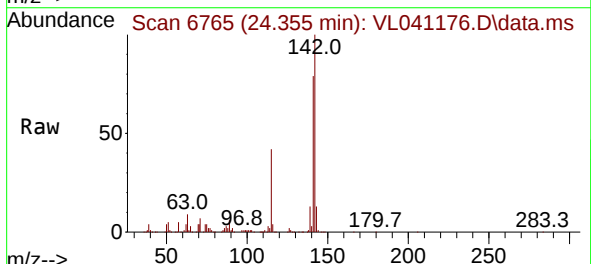
Tgt Ion:128 Resp: 301315
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 11.1 8.6 12.8

Manual Integrations
APPROVED

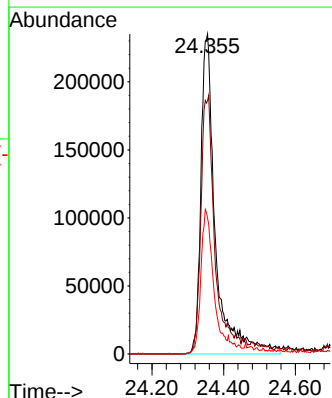
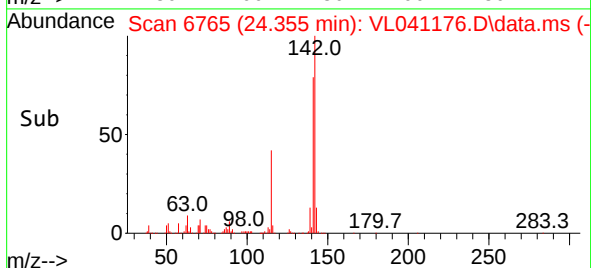
Reviewed By :Semsettin Yesilyurt 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024

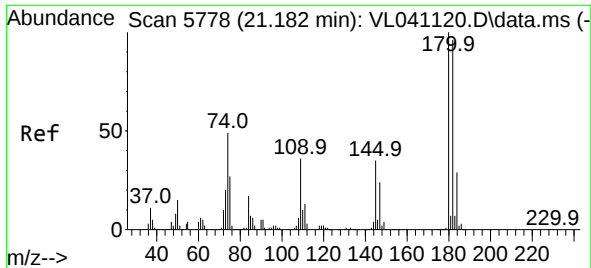


#80
Naphthalene,2-methyl-
Concen: 16.910 ppbv
RT: 24.355 min Scan# 6765
Delta R.T. 0.000 min
Lab File: VL041176.D
Acq: 25 Apr 2024 18:33



Tgt Ion:142 Resp: 663941
Ion Ratio Lower Upper
142 100
141 82.5 64.4 96.6
115 41.7 33.5 50.3





#81

1,2,4-Trichlorobenzene

Concen: 12.854 ppbv

RT: 21.114 min Scan# 51

Delta R.T. 0.003 min

Lab File: VL041176.D

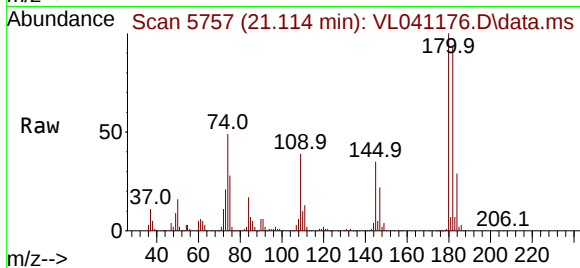
Acq: 25 Apr 2024 18:33

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion:180 Resp: 145243

Ion Ratio Lower Upper

180 100

182 97.2 77.4 116.2

184 30.6 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/26/2024

Supervised By :Mahesh Dadoda 04/26/2024

