

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092524\
 Data File : VL041620.D
 Acq On : 25 Sep 2024 12:30
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Quant Time: Sep 26 01:16:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Tue Sep 17 09:12:21 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 09/26/2024
 Supervised By : Mahesh Dadoda 09/26/2024

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

Internal Standards						
1) Bromochloromethane	5.173	49	1096863	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.635	114	3010158	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.452	117	2934556m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.764	95	2135963	9.888	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.900%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.700	85	1279766	8.079	ppbv	99
3) Chlorodifluoromethane	2.645	51	1278819	9.612	ppbv	100
4) Chloromethane	2.784	50	717500	9.805	ppbv	99
5) Vinyl Chloride	2.893	62	685699	10.823	ppbv	98
6) Bromomethane	3.092	94	310070	9.837	ppbv	97
7) Chloroethane	3.169	64	245588	9.967	ppbv	97
8) Dichlorotetrafluoroethane	2.829	85	1635311	9.842	ppbv	98
9) Propene	2.665	41	591277	10.536	ppbv	100
10) Heptane	7.561	43	1481134	11.273	ppbv	100
11) Trichlorofluoromethane	3.536	101	1632962	9.688	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.044	101	1188177	9.733	ppbv	100
13) Ethanol	3.221	45	22090m	5.236	ppbv	
14) Bromoethene	3.340	108	474245	10.245	ppbv	99
15) Acetone	3.443	43	1222114	8.875	ppbv	99
16) 1,3-Butadiene	2.957	39	674894	10.076	ppbv	98
17) tert-Butyl alcohol	3.854	59	1221851	10.089	ppbv	99
18) 1,1-Dichloroethene	3.854	96	532659	10.307	ppbv	98
19) Isopropyl Alcohol	3.552	45	680864	9.659	ppbv #	98
20) Methylene Chloride	3.909	84	443192	8.567	ppbv	94
21) Allyl Chloride	3.970	41	834136	10.451	ppbv	99
22) trans-1,2-Dichloroethene	4.423	96	530482	10.289	ppbv	98
23) Vinyl Acetate	4.603	43	847676	11.192	ppbv	98
24) 1,1-Dichloroethane	4.539	63	1157428	10.181	ppbv	98
25) Ethyl Acetate	5.185	43	2657519	10.750	ppbv	99
26) Hexane	5.192	57	1066583	10.346	ppbv	98
27) Carbon Disulfide	4.099	76	1273691	11.622	ppbv	99
28) Methyl tert-Butyl Ether	4.562	73	649760	10.223	ppbv	100
29) Chloroform	5.253	83	1695773	10.052	ppbv	97
30) Cyclohexane	6.581	84	916289	11.530	ppbv	100
31) cis-1,2-Dichloroethene	5.057	61	1047109	10.699	ppbv	97
32) 1,1,1-Trichloroethane	5.986	97	1660234	11.049	ppbv	99
34) 2-Butanone	4.764	43	1454845	10.136	ppbv	99
35) Carbon Tetrachloride	6.478	117	1734030	11.741	ppbv	98
36) Benzene	6.349	78	2292591	10.967	ppbv	98
37) 1,2-Dichloroethane	5.787	62	1278382	10.539	ppbv	100
38) Trichloroethene	7.275	130	1202684	11.172	ppbv	98
39) 1,2-Dichloropropane	7.053	63	890629	10.472	ppbv	96
40) 1,4-Dioxane	7.269	88	334700	10.440	ppbv #	97
41) Tetrahydrofuran	5.536	42	943501	11.945	ppbv	99
42) Bromodichloromethane	7.230	83	1836026	10.880	ppbv	99
43) Methyl Methacrylate	7.459	69	915009	12.231	ppbv	98
44) 2,2,4-Trimethylpentane	7.311	57	3899364	10.781	ppbv	100
45) t-1,3-Dichloropropene	8.696	75	797256	13.218	ppbv	98

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Quant Time: Sep 26 01:16:57 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M

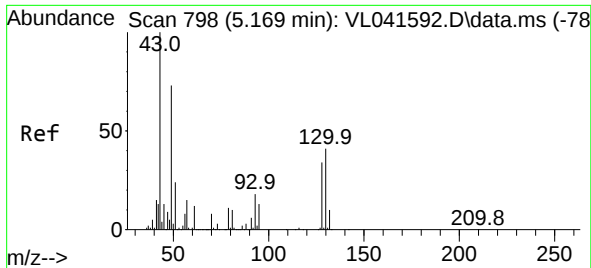
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Tue Sep 17 09:12:21 2024

Response via : Initial Calibration

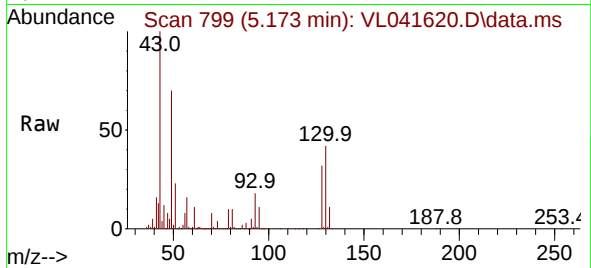
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.127	75	1129281	12.780	ppbv	98
47) 1,1,2-Trichloroethane	8.883	97	952108	10.544	ppbv	96
48) Dibromochloromethane	9.693	129	1577077	11.527	ppbv	100
49) Bromoform	12.394	173	1386944	11.810	ppbv	100
50) 4-Methyl-2-Pentanone	8.163	43	2566228	11.577	ppbv	99
51) 2-Hexanone	9.532	43	2018493	12.039	ppbv	100
52) Tetrachloroethene	10.600	164	856455	11.314	ppbv	98
53) Toluene	9.204	91	2671418	12.038	ppbv	100
54) 1,2-Dibromoethane	9.992	107	1304442	11.731	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.497	131	1170113	10.213	ppbv	98
57) Chlorobenzene	11.513	112	2107671	9.962	ppbv	98
58) Ethyl Benzene	12.076	91	3606334	11.480	ppbv	100
59) m/p-Xylene	12.355	91	6152855m	22.007	ppbv	
60) o-Xylene	13.047	91	2981870	11.124	ppbv	100
61) Styrene	12.883	104	1428471	12.756	ppbv	99
62) Isopropylbenzene	14.015	105	4308177	10.608	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.037	83	1413615	10.314	ppbv	99
64) n-propylbenzene	14.902	120	1160749	11.067	ppbv	99
65) tert-Butylbenzene	16.076	119	3852669	10.349	ppbv	100
66) Benzyl Chloride	16.317	91	211989	10.954	ppbv	96
67) sec-Butylbenzene	16.622	105	5436925	10.527	ppbv	100
69) p-Isopropyltoluene	16.982	119	4543580	10.868	ppbv	100
70) n-Butylbenzene	17.870	91	4670620	10.665	ppbv	100
71) 2-Chlorotoluene	14.786	91	3249347	10.874	ppbv	99
72) 4-Ethyltoluene	15.179	105	3549686	11.329	ppbv	99
73) 1,3,5-Trimethylbenzene	15.336	105	3035466	10.971	ppbv	98
74) 1,2,4-Trimethylbenzene	16.092	105	3374776	10.421	ppbv	95
75) 1,3-Dichlorobenzene	16.317	146	2064129	10.170	ppbv	99
76) 1,4-Dichlorobenzene	16.461	146	2013375	10.352	ppbv	100
77) 1,2-Dichlorobenzene	17.130	146	2012153	10.042	ppbv	99
78) Hexachloro-1,3-Butadiene	22.619	225	1397488	8.455	ppbv	99
79) Naphthalene	21.368	128	2813196	11.803	ppbv	99
80) Naphthalene,2-methyl-	24.365	142	1124692	6.734	ppbv	99
81) 1,2,4-Trichlorobenzene	21.124	180	1473876	9.727	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.173 min Scan# 798
Delta R.T. 0.004 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30

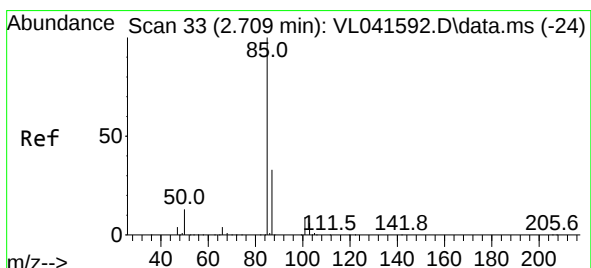
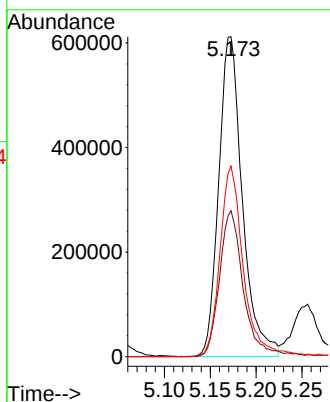
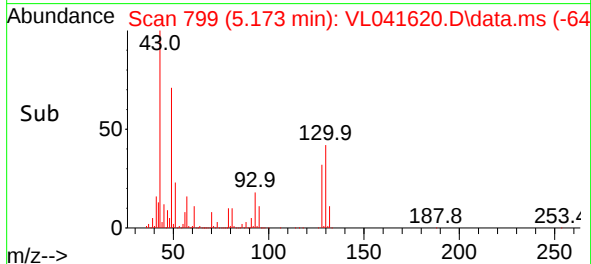
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 49 Resp: 109686
Ion Ratio Lower Upper
49 100
128 47.0 23.8 71.5
130 59.8 30.4 91.3

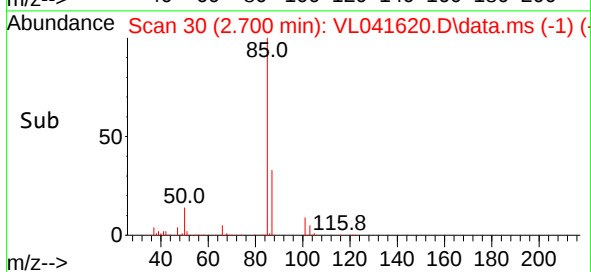
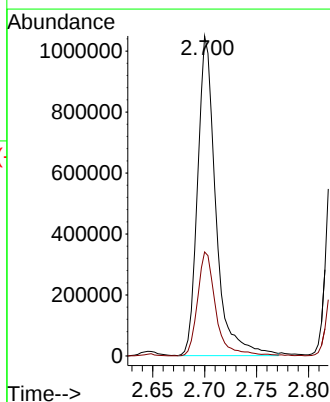
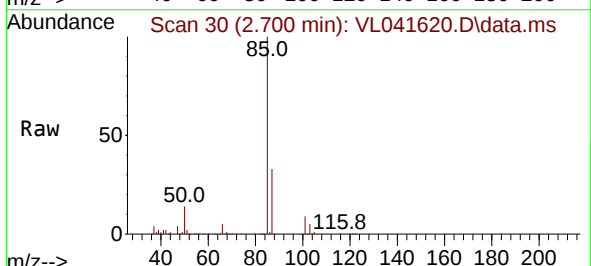
Manual Integrations
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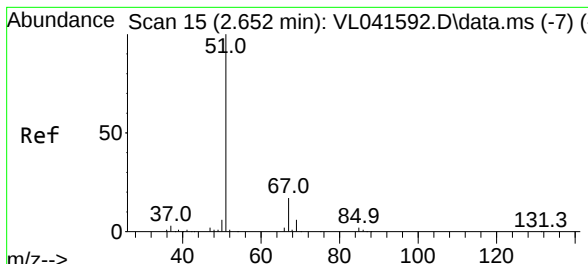
Reviewed By :Semsettin Yesilyurt 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024



#2
Dichlorodifluoromethane
Concen: 8.079 ppbv
RT: 2.700 min Scan# 30
Delta R.T. -0.009 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30

Tgt Ion: 85 Resp: 1279766
Ion Ratio Lower Upper
85 100
87 32.5 26.3 39.5





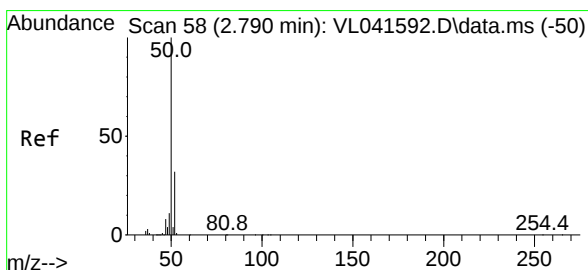
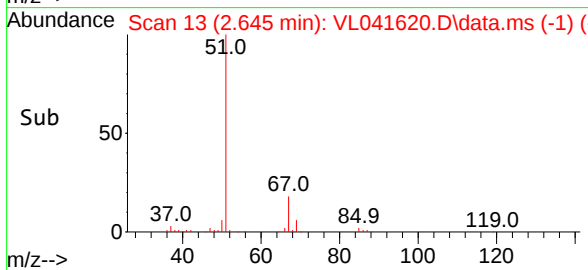
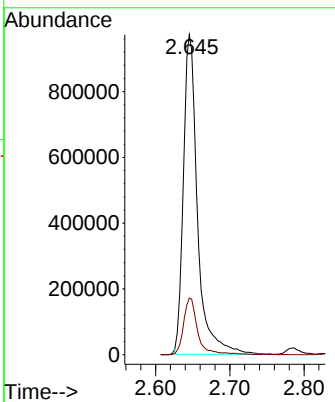
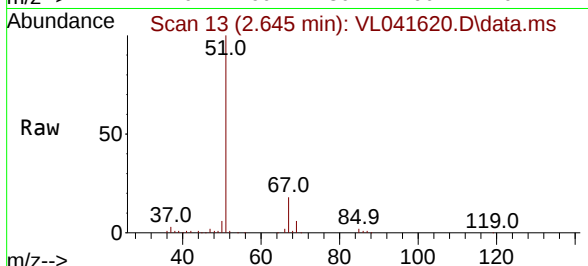
#3
Chlorodifluoromethane
Concen: 9.612 ppbv
RT: 2.645 min Scan# 11
Delta R.T. -0.006 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 51 Resp: 1278819
Ion Ratio Lower Upper
51 100
67 17.7 14.1 21.1

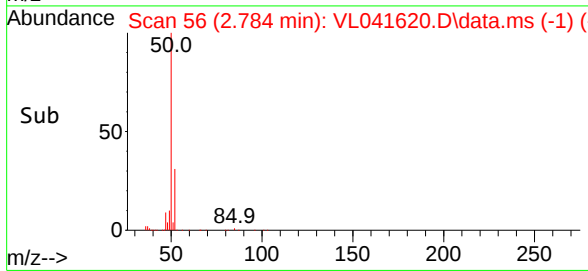
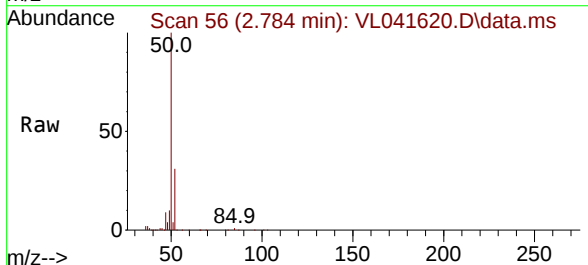
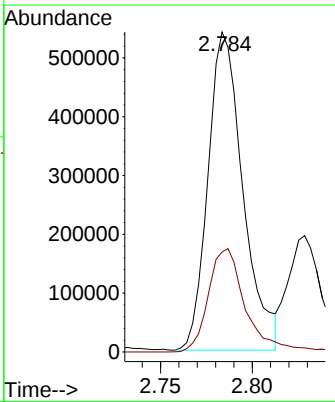
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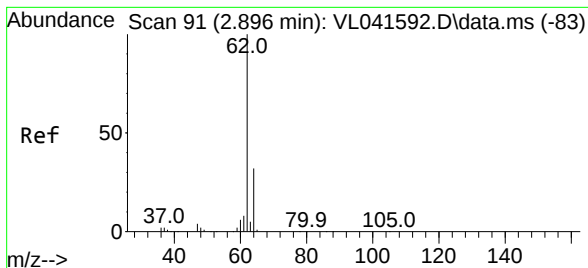
Reviewed By :Semsettin Yesilyurt 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024



#4
Chloromethane
Concen: 9.805 ppbv
RT: 2.784 min Scan# 56
Delta R.T. -0.006 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30

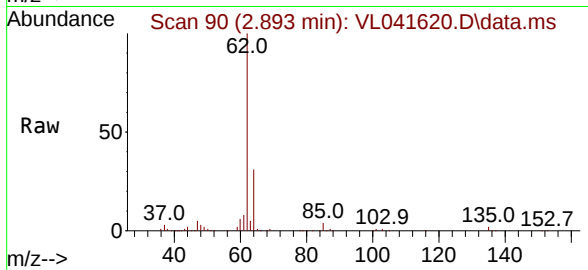
Tgt Ion: 50 Resp: 717500
Ion Ratio Lower Upper
50 100
52 31.3 25.4 38.2





#5
 Vinyl Chloride
 Concen: 10.823 ppbv
 RT: 2.893 min Scan# 90
 Delta R.T. -0.003 min
 Lab File: VL041620.D
 Acq: 25 Sep 2024 12:30

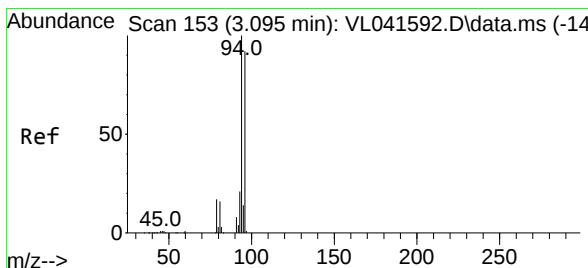
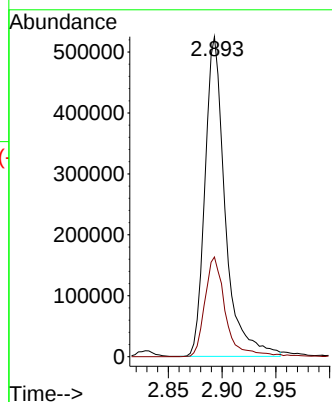
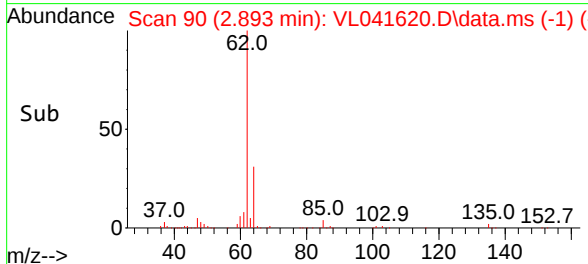
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 62 Resp: 68569
 Ion Ratio Lower Upper
 62 100
 64 31.2 26.0 39.0

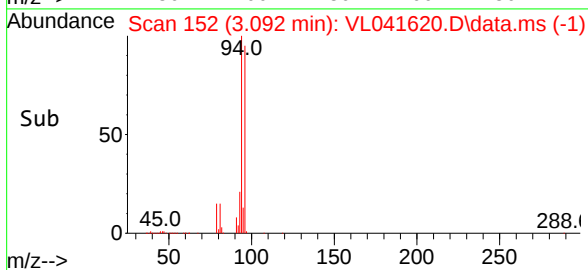
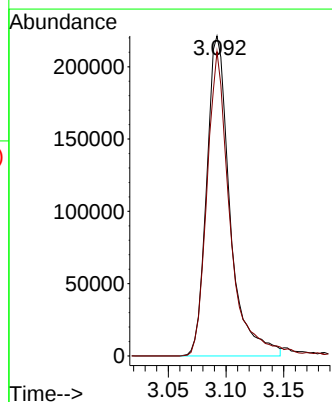
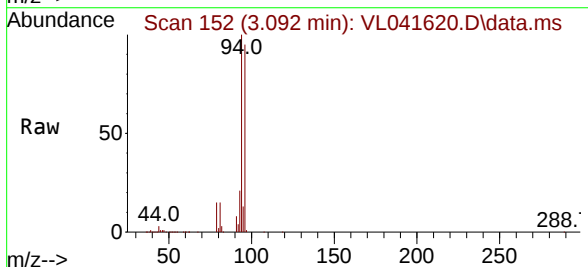
Manual Integrations
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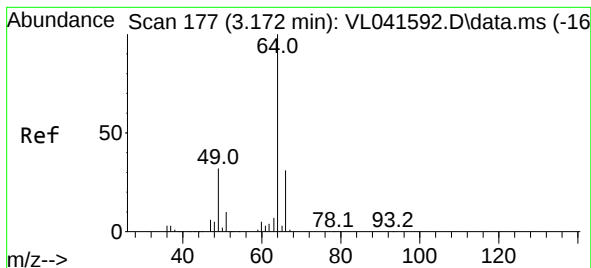
Reviewed By :Semsettin Yesilyurt 09/26/2024
 Supervised By :Mahesh Dadoda 09/26/2024



#6
 Bromomethane
 Concen: 9.837 ppbv
 RT: 3.092 min Scan# 152
 Delta R.T. -0.003 min
 Lab File: VL041620.D
 Acq: 25 Sep 2024 12:30

Tgt Ion: 94 Resp: 310070
 Ion Ratio Lower Upper
 94 100
 96 95.1 73.4 110.2





#7

Chloroethane

Concen: 9.967 ppbv

RT: 3.169 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL041620.D

Acq: 25 Sep 2024 12:30

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 64 Resp: 24558

Ion Ratio Lower Upper

64 100

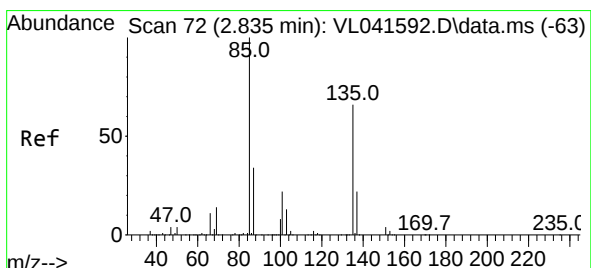
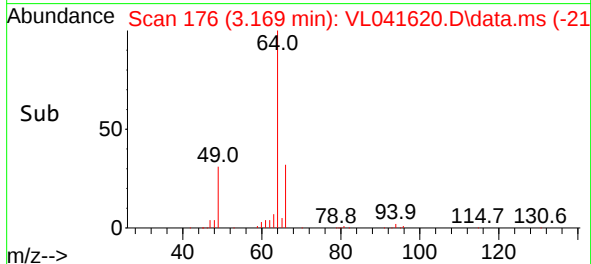
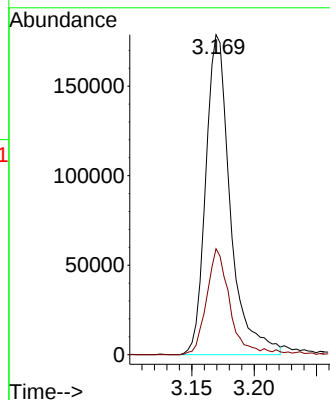
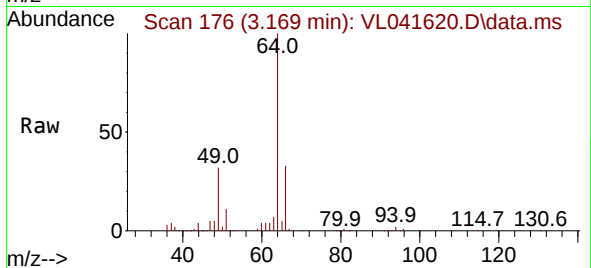
66 33.1 25.1 37.7

Manual Integrations

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Supervised By :Mahesh Dadoda 09/26/2024



#8

Dichlorotetrafluoroethane

Concen: 9.842 ppbv

RT: 2.829 min Scan# 70

Delta R.T. -0.006 min

Lab File: VL041620.D

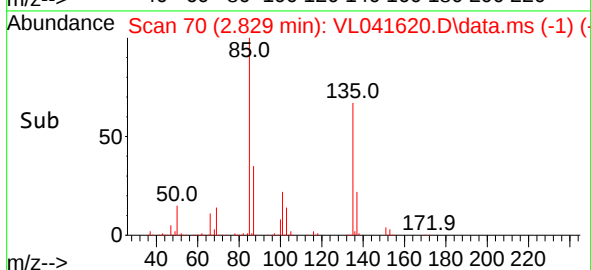
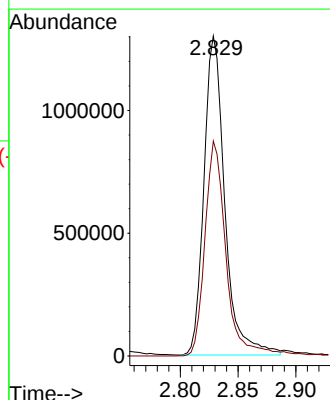
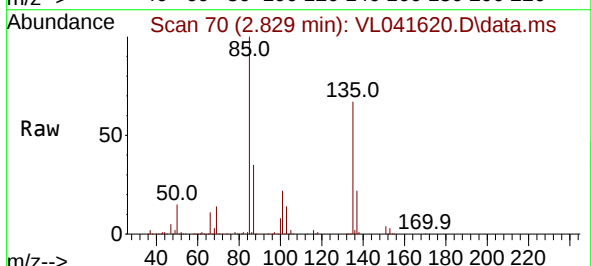
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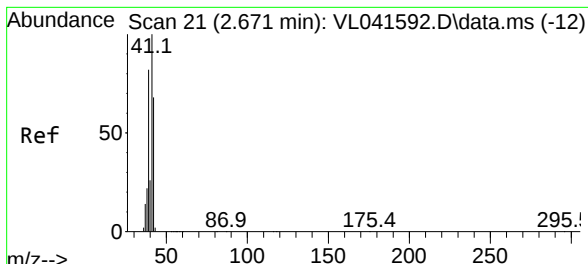
Tgt Ion: 85 Resp: 1635311

Ion Ratio Lower Upper

85 100

135 69.1 53.9 80.9





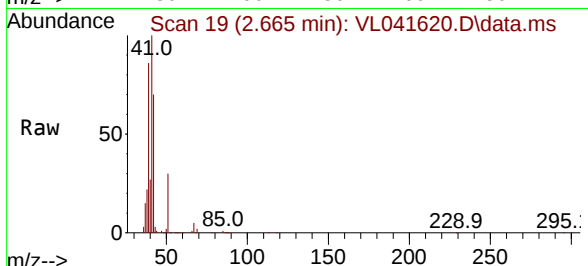
#9
 Propene
 Concen: 10.536 ppbv
 RT: 2.665 min Scan# 15
 Delta R.T. -0.006 min
 Lab File: VL041620.D
 Acq: 25 Sep 2024 12:30

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

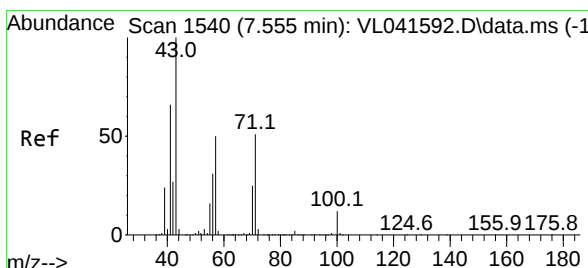
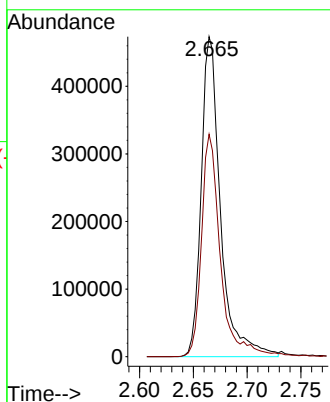
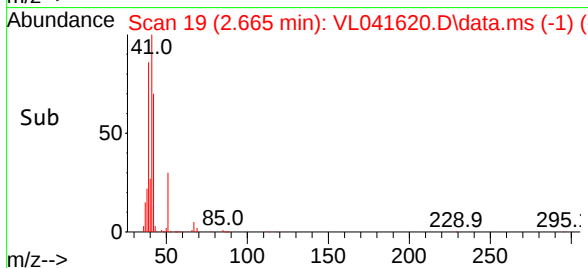


Tgt Ion: 41 Resp: 59127
 Ion Ratio Lower Upper
 41 100
 42 69.1 55.2 82.8

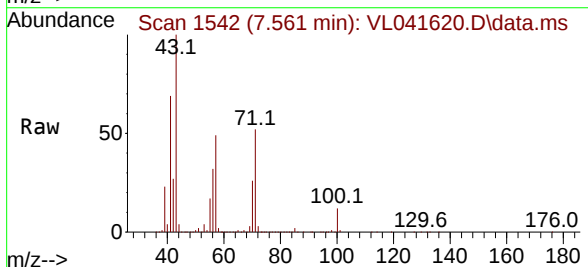
Manual Integrations

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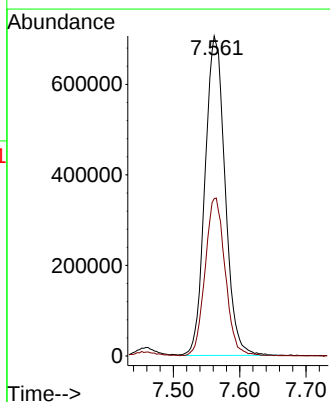
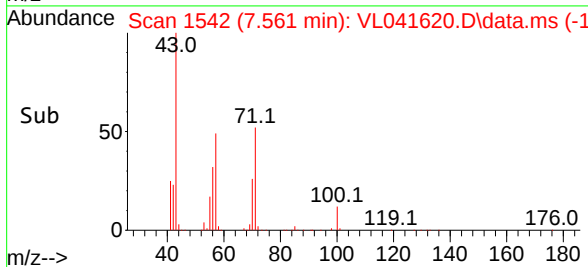
Reviewed By :Semsettin Yesilyurt 09/26/2024
 Supervised By :Mahesh Dadoda 09/26/2024

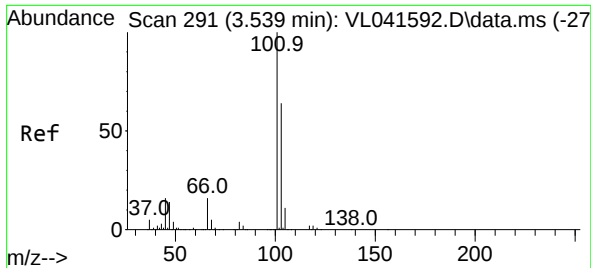


#10
 Heptane
 Concen: 11.273 ppbv
 RT: 7.561 min Scan# 1542
 Delta R.T. 0.007 min
 Lab File: VL041620.D
 Acq: 25 Sep 2024 12:30



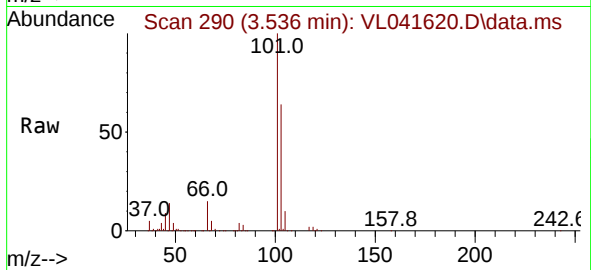
Tgt Ion: 43 Resp: 1481134
 Ion Ratio Lower Upper
 43 100
 57 49.7 39.8 59.8





#11
Trichlorofluoromethane
Concen: 9.688 ppbv
RT: 3.536 min Scan# 291
Delta R.T. -0.003 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30

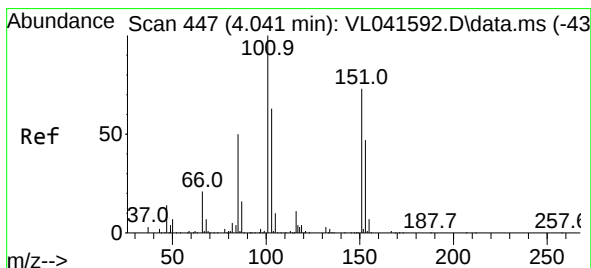
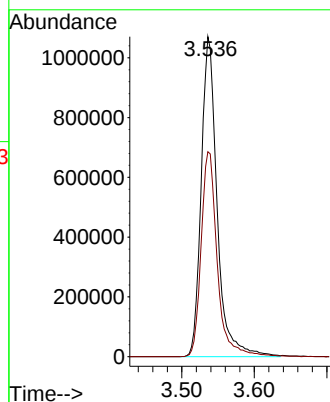
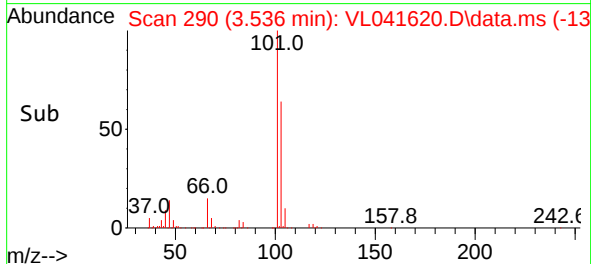
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



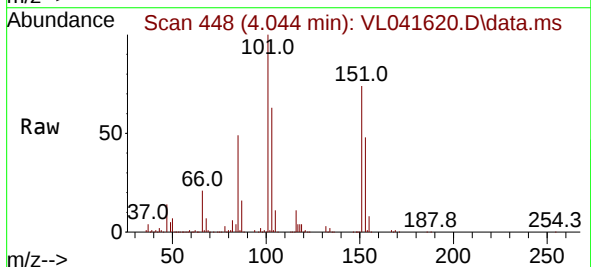
Tgt Ion:101 Resp: 163296
Ion Ratio Lower Upper
101 100
103 64.0 51.2 76.8

Manual Integrations
APPROVED

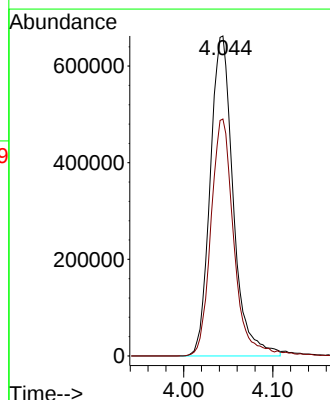
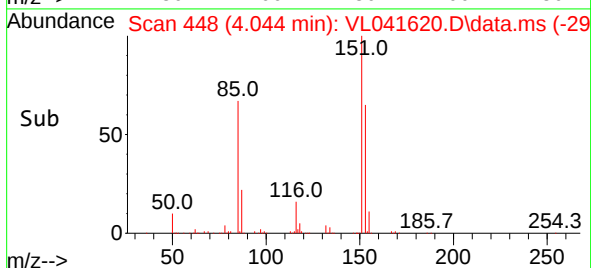
Reviewed By :Semsettin Yesilyurt 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024

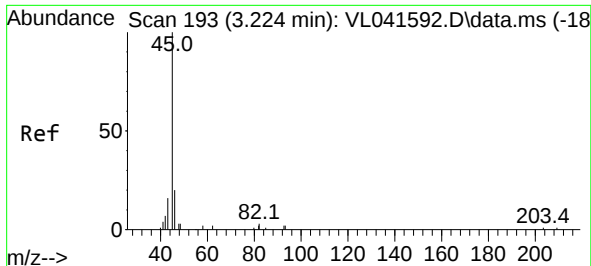


#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.733 ppbv
RT: 4.044 min Scan# 448
Delta R.T. 0.003 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30



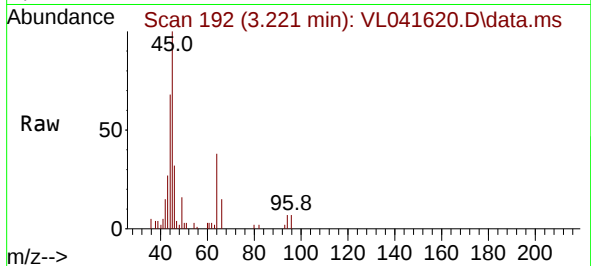
Tgt Ion:101 Resp: 1188177
Ion Ratio Lower Upper
101 100
151 74.5 59.4 89.2





#13
Ethanol
Concen: 5.236 ppbv m
RT: 3.221 min Scan# 193
Delta R.T. -0.003 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30

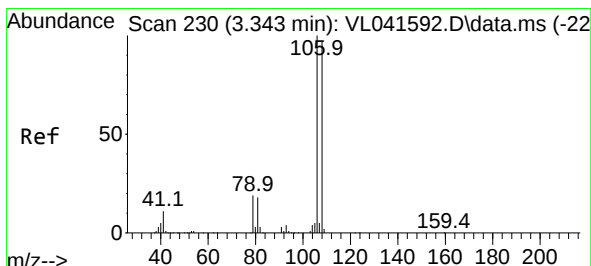
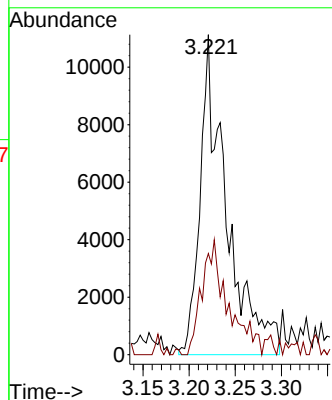
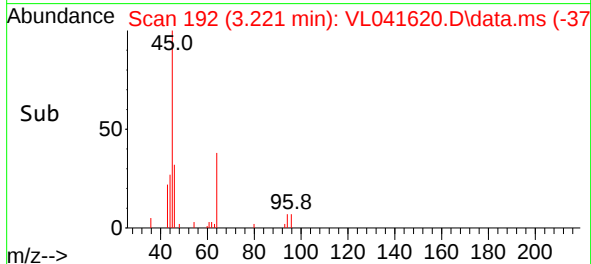
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 45 Resp: 22090
Ion Ratio Lower Upper
45 100
46 37.5 15.2 60.8

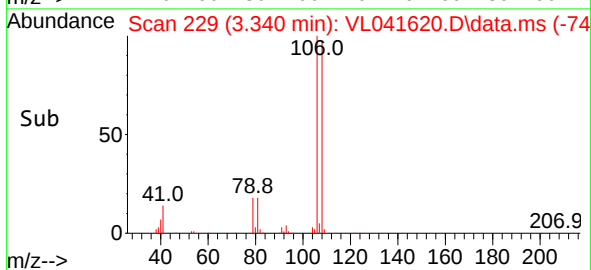
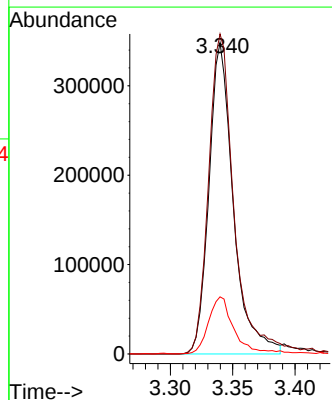
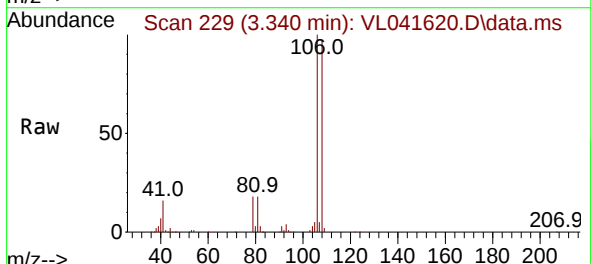
Manual Integrations
APPROVED

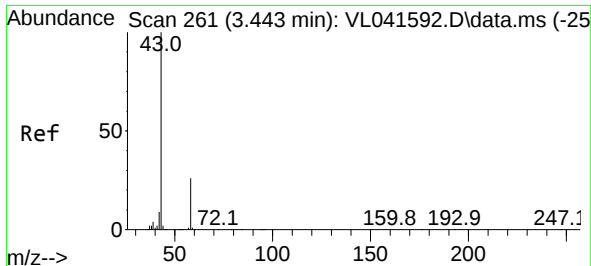
Reviewed By :Semsettin Yesilyurt 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024



#14
Bromoethene
Concen: 10.245 ppbv
RT: 3.340 min Scan# 229
Delta R.T. -0.003 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30

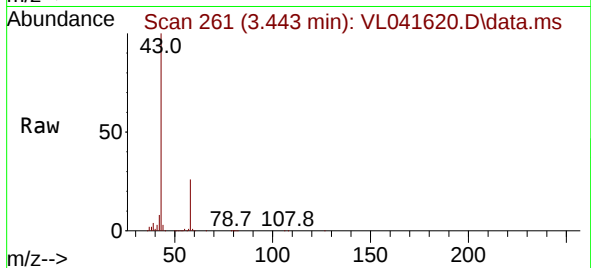
Tgt Ion:108 Resp: 474245
Ion Ratio Lower Upper
108 100
106 109.5 86.5 129.7
79 19.8 16.2 24.4





#15
Acetone
Concen: 8.875 ppbv
RT: 3.443 min Scan# 20
Delta R.T. 0.000 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30

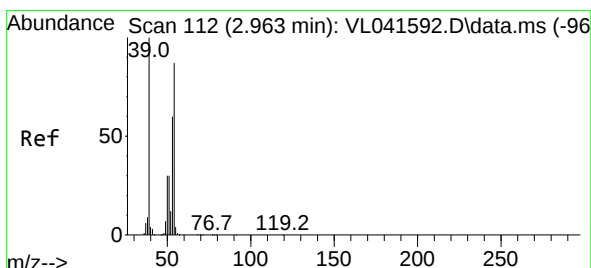
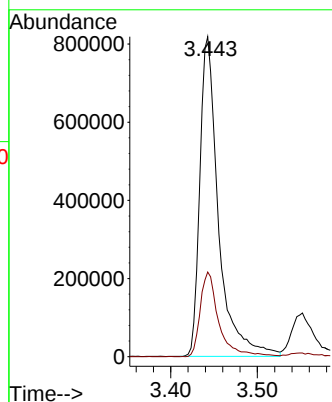
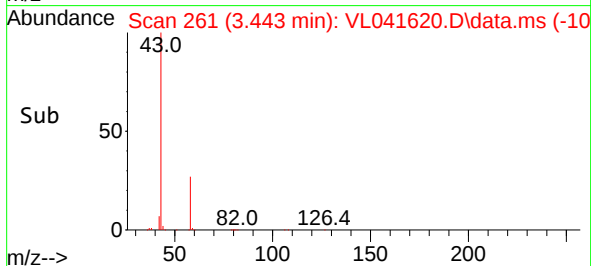
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 1222114
Ion Ratio Lower Upper
43 100
58 26.5 21.5 32.3

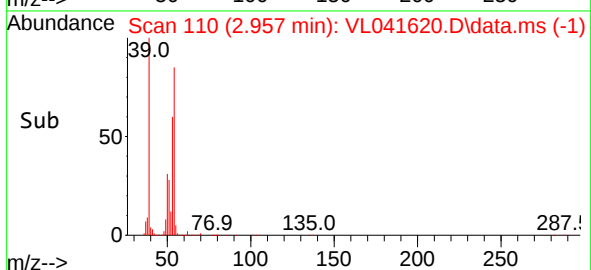
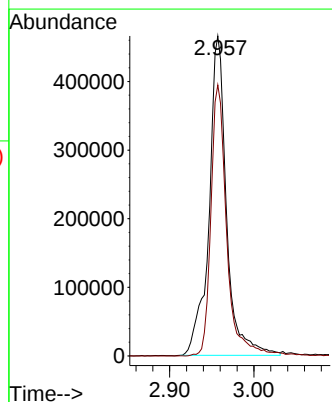
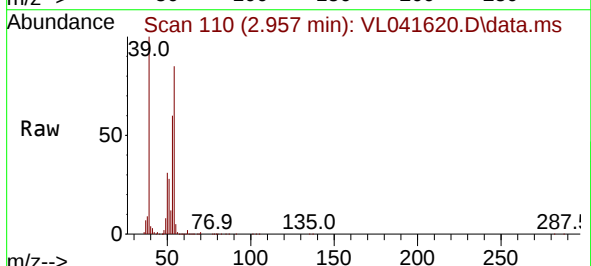
Manual Integrations
APPROVED

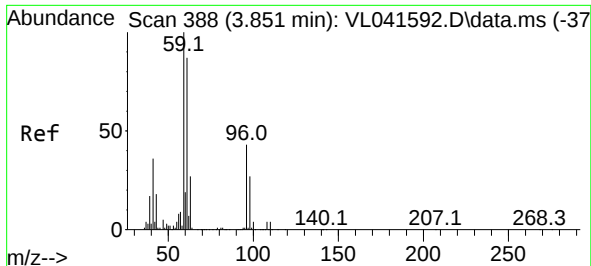
Reviewed By :Semsettin Yesilyurt 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024



#16
1,3-Butadiene
Concen: 10.076 ppbv
RT: 2.957 min Scan# 110
Delta R.T. -0.006 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30

Tgt Ion: 39 Resp: 674894
Ion Ratio Lower Upper
39 100
54 77.2 62.9 94.3





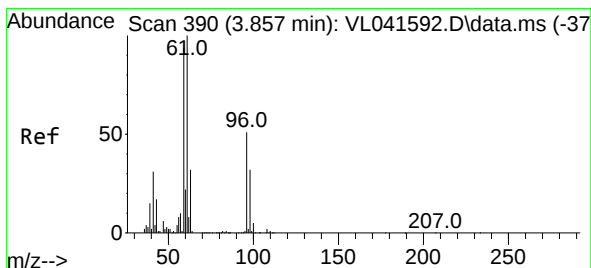
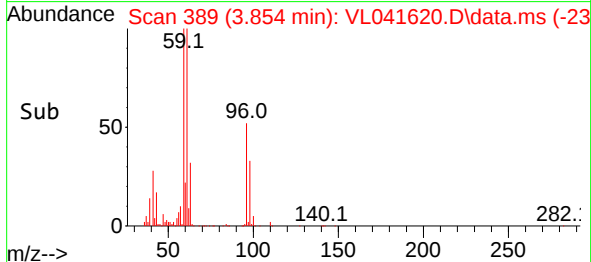
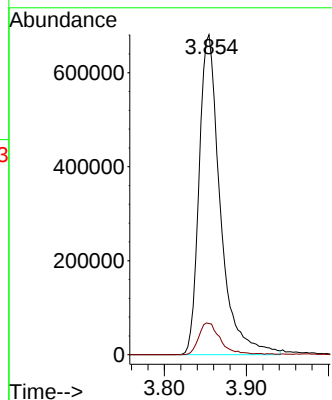
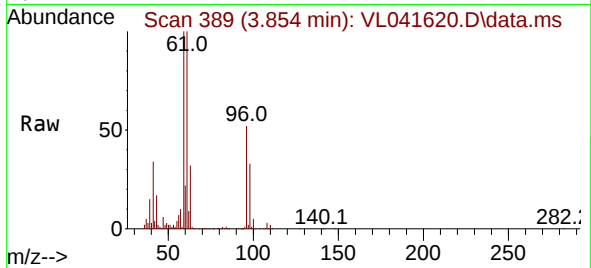
#17
tert-Butyl alcohol
Concen: 10.089 ppbv
RT: 3.854 min Scan# 389
Delta R.T. 0.003 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 59 Resp: 122185
Ion Ratio Lower Upper
59 100
57 10.3 8.7 13.1

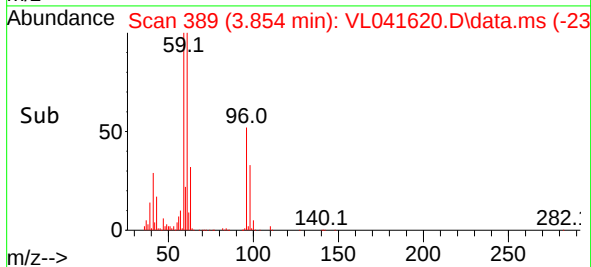
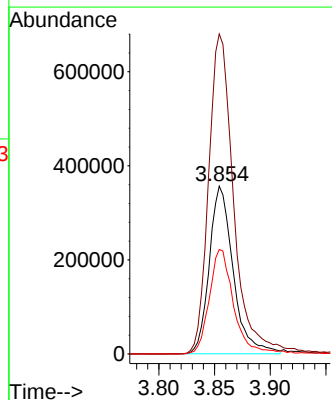
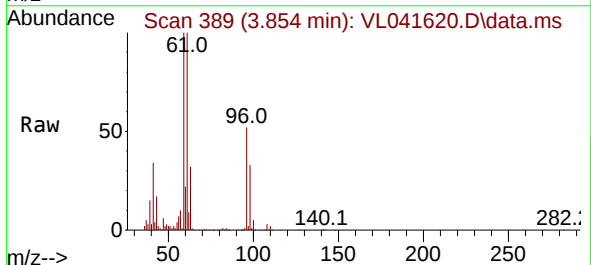
Manual Integrations
APPROVED

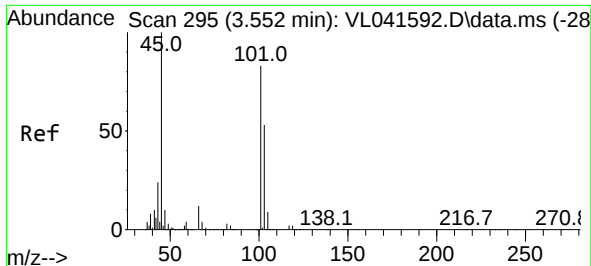
Reviewed By :Semsettin Yesilyurt 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024



#18
1,1-Dichloroethene
Concen: 10.307 ppbv
RT: 3.854 min Scan# 389
Delta R.T. -0.003 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30

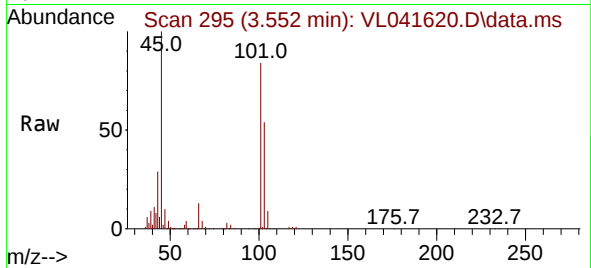
Tgt Ion: 96 Resp: 532659
Ion Ratio Lower Upper
96 100
61 190.7 155.6 233.4
98 62.3 50.6 75.8





#19
Isopropyl Alcohol
Concen: 9.659 ppbv
RT: 3.552 min Scan# 295
Delta R.T. 0.000 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30

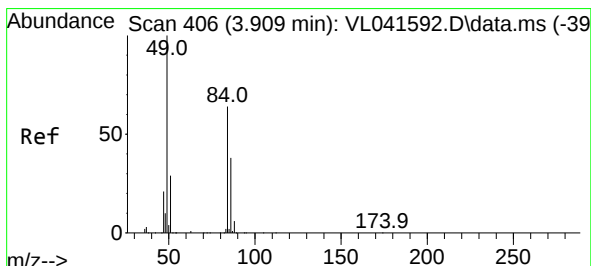
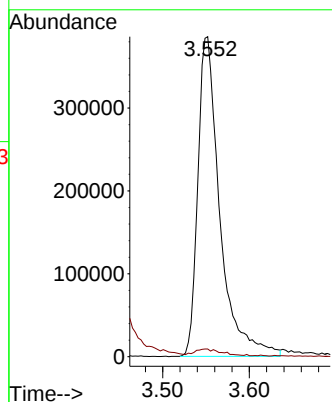
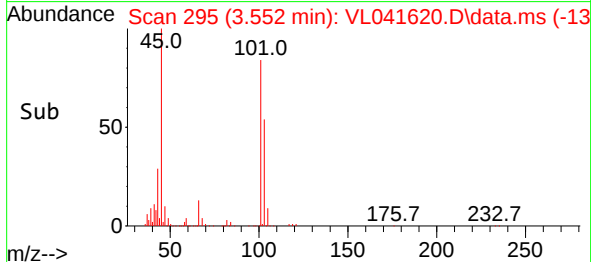
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



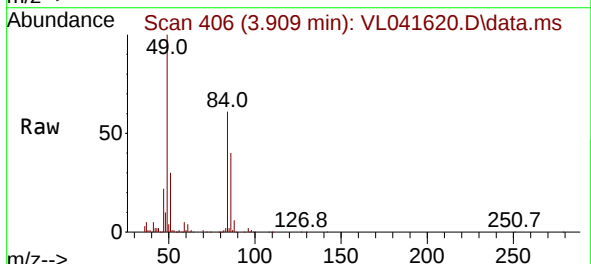
Tgt Ion: 45 Resp: 680864
Ion Ratio Lower Upper
45 100
58 3.4 2.1 3.1

Manual Integrations
APPROVED

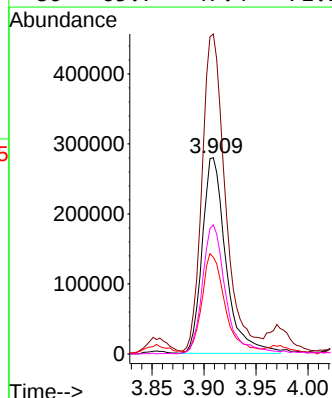
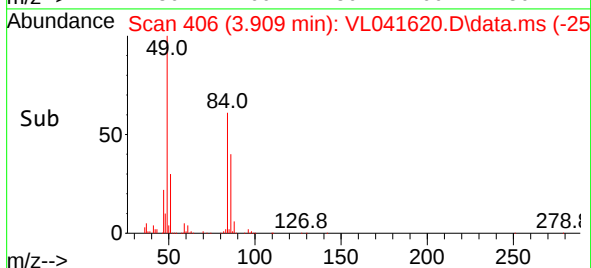
Reviewed By :Semsettin Yesilyurt 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024

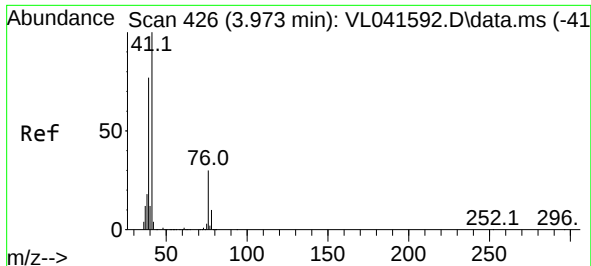


#20
Methylene Chloride
Concen: 8.567 ppbv
RT: 3.909 min Scan# 406
Delta R.T. 0.000 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30



Tgt Ion: 84 Resp: 443192
Ion Ratio Lower Upper
84 100
49 162.0 124.3 186.5
51 47.9 36.3 54.5
86 65.7 47.4 71.2





#21

Allyl Chloride

Concen: 10.451 ppbv

RT: 3.970 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL041620.D

Acq: 25 Sep 2024 12:30

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

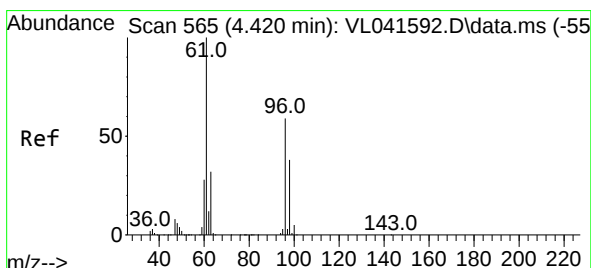
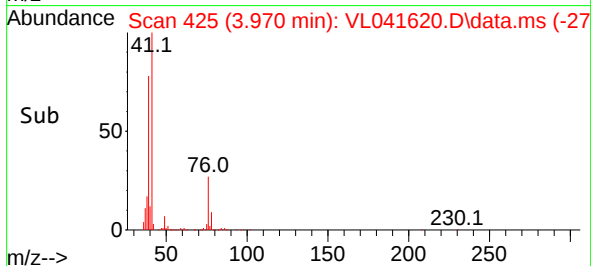
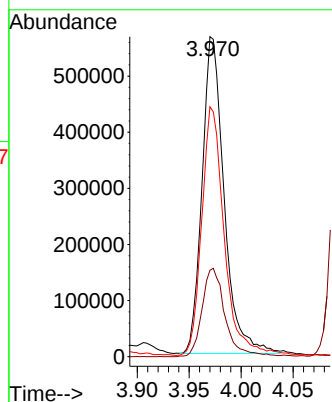
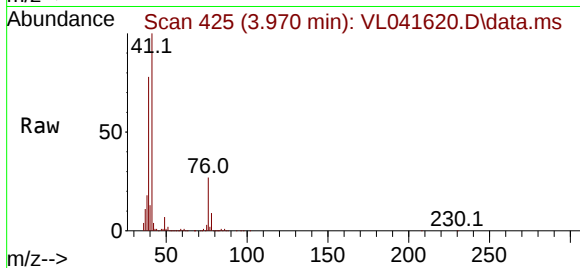
Tgt Ion: 41 Resp: 834130

Ion	Ratio	Lower	Upper
41	100		
76	29.2	23.8	35.6
39	80.4	63.9	95.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024



#22

trans-1,2-Dichloroethene

Concen: 10.289 ppbv

RT: 4.423 min Scan# 566

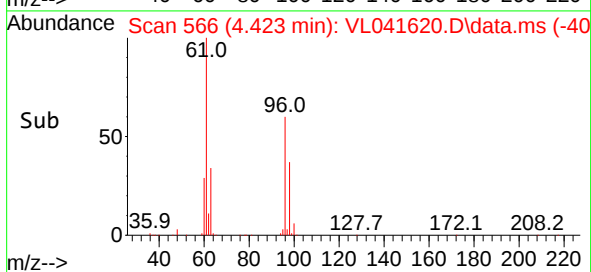
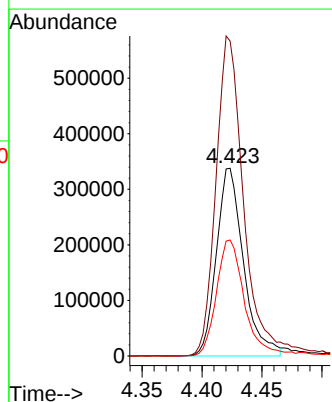
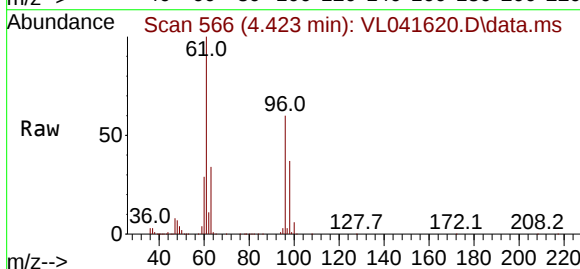
Delta R.T. 0.003 min

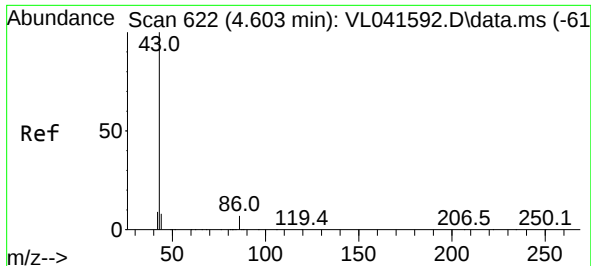
Lab File: VL041620.D

Acq: 25 Sep 2024 12:30

Tgt Ion: 96 Resp: 530482

Ion	Ratio	Lower	Upper
96	100		
61	167.9	135.7	203.5
98	61.8	50.9	76.3





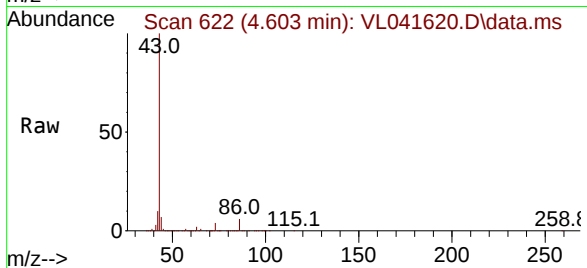
#23
 Vinyl Acetate
 Concen: 11.192 ppbv
 RT: 4.603 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VL041620.D
 Acq: 25 Sep 2024 12:30

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

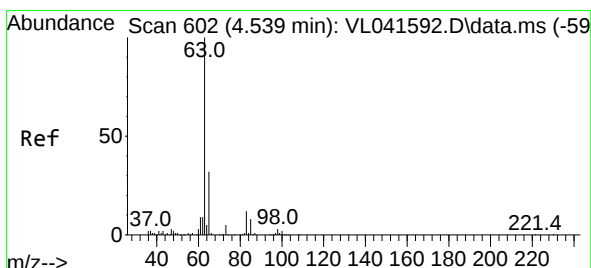
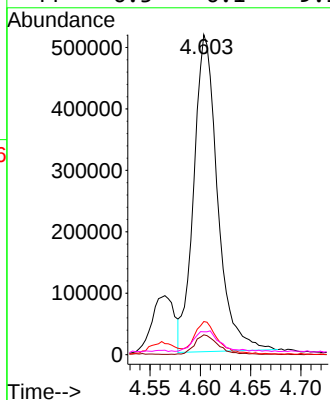
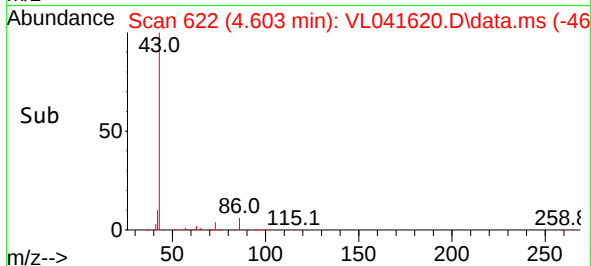


Tgt Ion: 43 Resp: 847670
 Ion Ratio Lower Upper
 43 100
 86 6.2 4.9 7.3
 42 10.3 8.0 12.0
 44 6.3 6.1 9.1

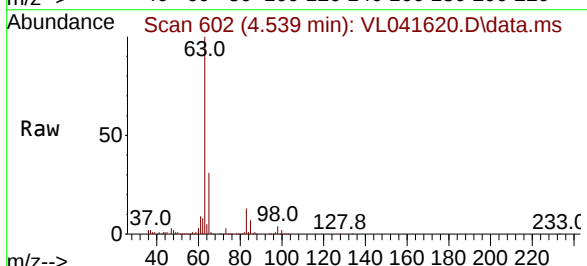
Manual Integrations

APPROVED

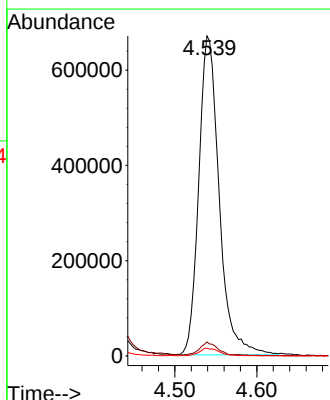
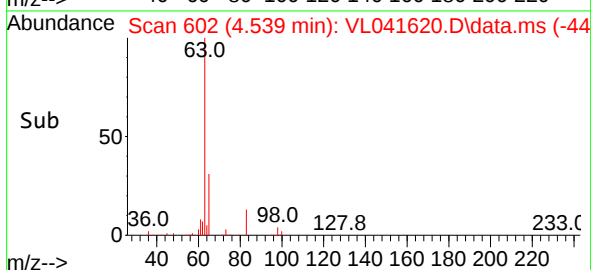
Reviewed By :Semsettin Yesilyurt 09/26/2024
 Supervised By :Mahesh Dadoda 09/26/2024

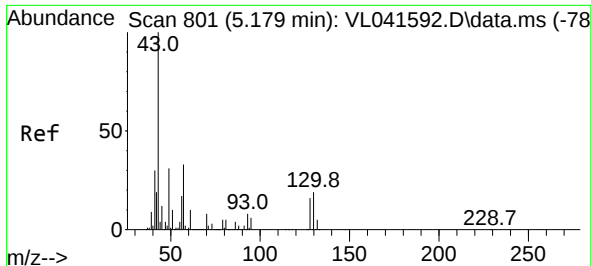


#24
 1,1-Dichloroethane
 Concen: 10.181 ppbv
 RT: 4.539 min Scan# 602
 Delta R.T. 0.000 min
 Lab File: VL041620.D
 Acq: 25 Sep 2024 12:30



Tgt Ion: 63 Resp: 1157428
 Ion Ratio Lower Upper
 63 100
 98 4.3 1.7 5.1
 100 2.4 1.1 3.3





#25

Ethyl Acetate

Concen: 10.750 ppbv

RT: 5.185 min Scan# 802

Delta R.T. 0.007 min

Lab File: VL041620.D

Acq: 25 Sep 2024 12:30

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 43 Resp: 2657519

Ion Ratio Lower Upper

43 100

45 10.5 8.2 12.2

61 10.2 8.0 12.0

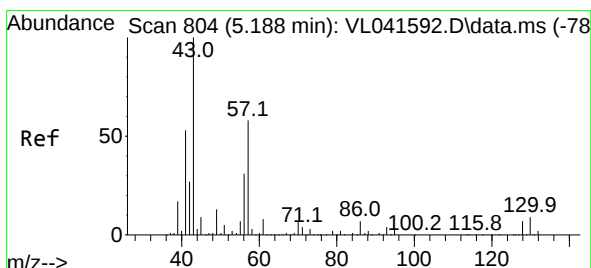
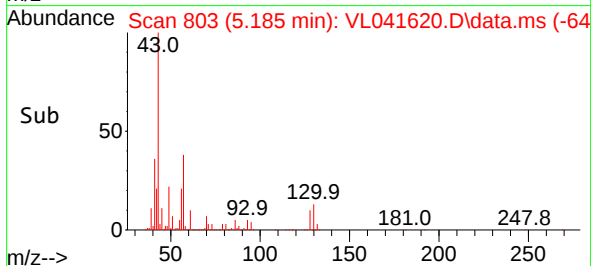
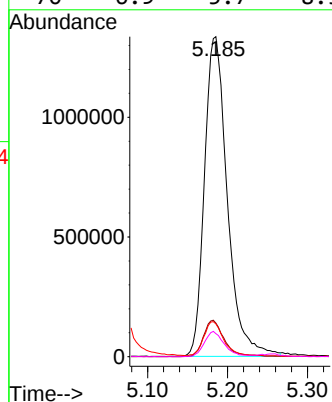
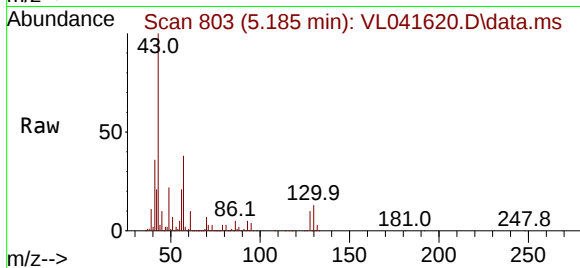
70 6.9 5.7 8.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/26/2024

Supervised By :Mahesh Dadoda 09/26/2024



#26

Hexane

Concen: 10.346 ppbv

RT: 5.192 min Scan# 805

Delta R.T. 0.003 min

Lab File: VL041620.D

Acq: 25 Sep 2024 12:30

Tgt Ion: 57 Resp: 1066583

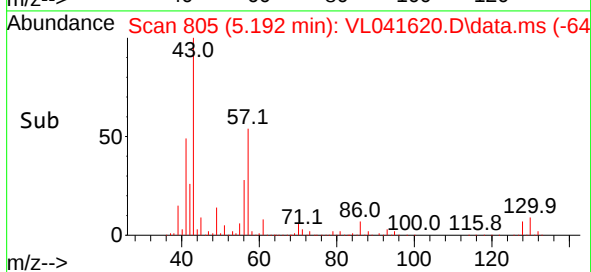
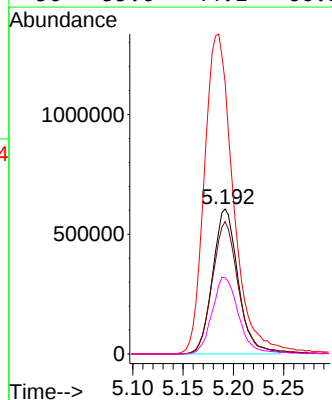
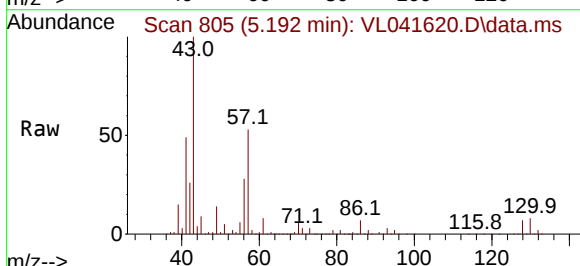
Ion Ratio Lower Upper

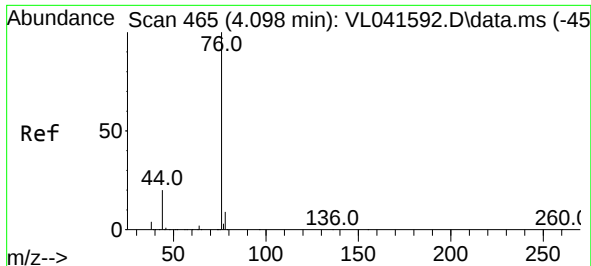
57 100

41 95.6 75.7 113.5

43 252.9 198.5 297.7

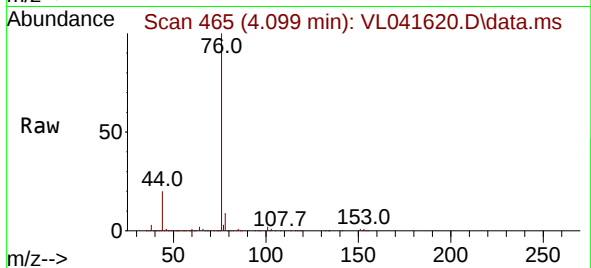
56 55.6 44.1 66.1





#27
Carbon Disulfide
Concen: 11.622 ppbv
RT: 4.099 min Scan# 409
Delta R.T. 0.000 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30

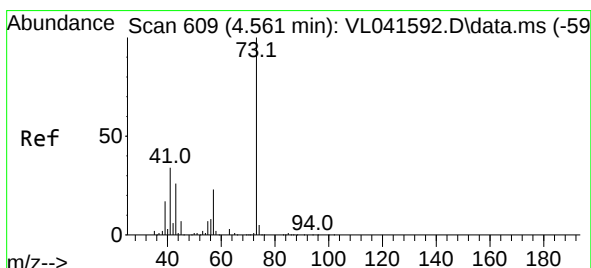
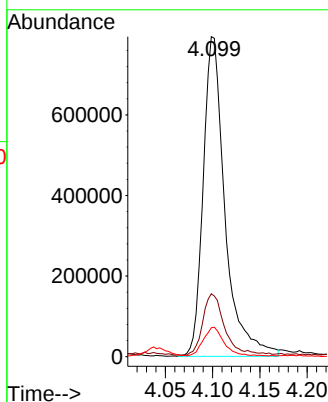
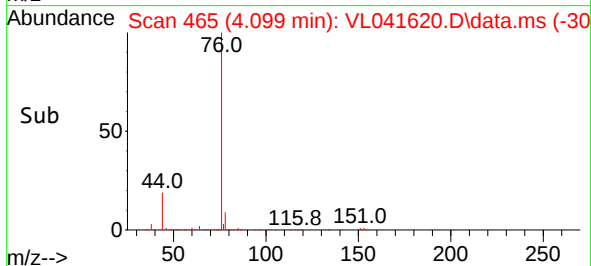
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 76 Resp: 127369
Ion Ratio Lower Upper
76 100
44 19.4 15.8 23.8
78 9.7 7.5 11.3

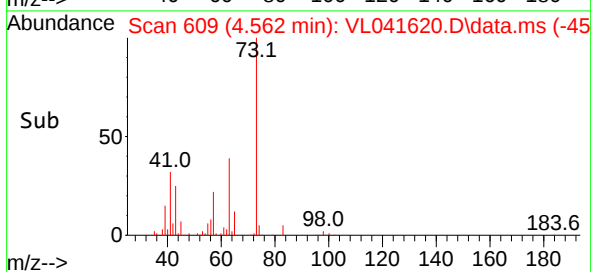
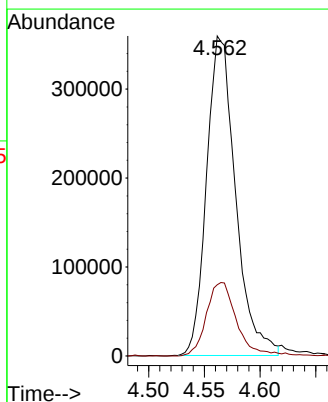
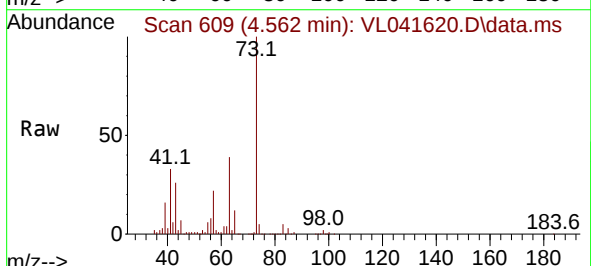
Manual Integrations
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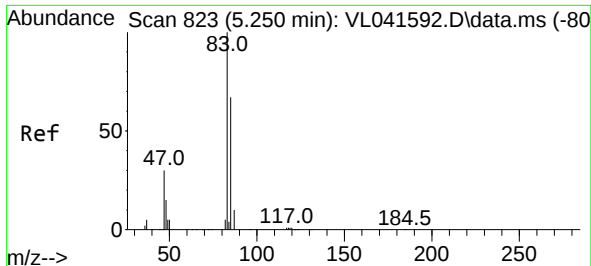
Reviewed By :Semsettin Yesilyurt 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024



#28
Methyl tert-Butyl Ether
Concen: 10.223 ppbv
RT: 4.562 min Scan# 609
Delta R.T. 0.000 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30

Tgt Ion: 73 Resp: 649760
Ion Ratio Lower Upper
73 100
57 24.3 19.3 28.9





#29

Chloroform

Concen: 10.052 ppbv

RT: 5.253 min Scan# 81

Delta R.T. 0.003 min

Lab File: VL041620.D

Acq: 25 Sep 2024 12:30

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 169577

Ion Ratio Lower Upper

83 100

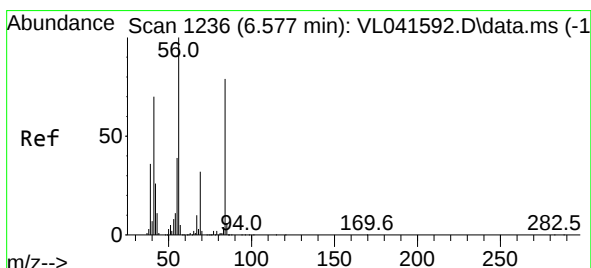
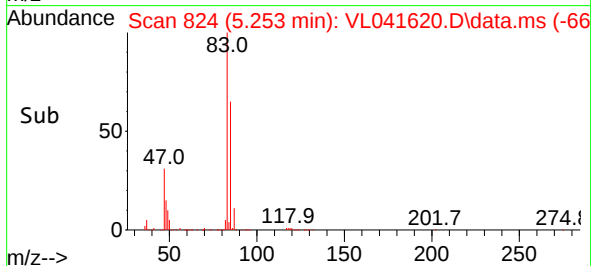
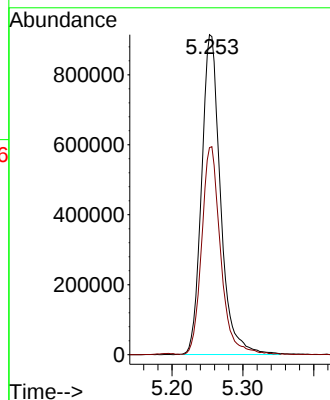
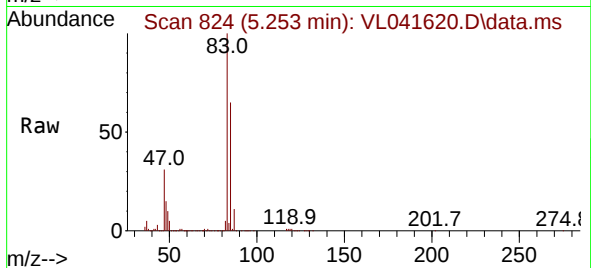
85 64.6 53.8 80.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/26/2024

Supervised By :Mahesh Dadoda 09/26/2024



#30

Cyclohexane

Concen: 11.530 ppbv

RT: 6.581 min Scan# 1237

Delta R.T. 0.003 min

Lab File: VL041620.D

Acq: 25 Sep 2024 12:30

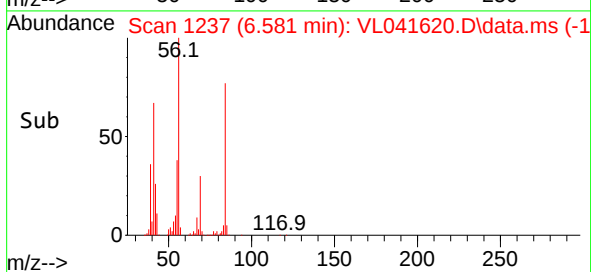
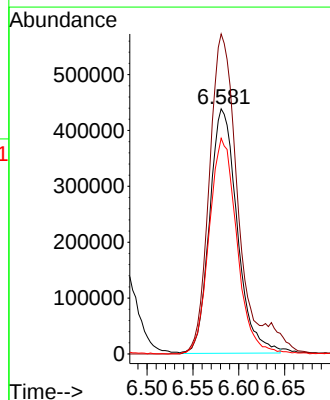
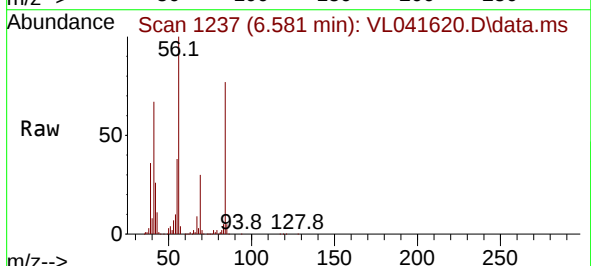
Tgt Ion: 84 Resp: 916289

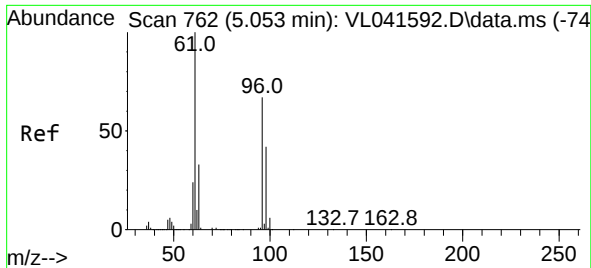
Ion Ratio Lower Upper

84 100

56 138.8 111.5 167.3

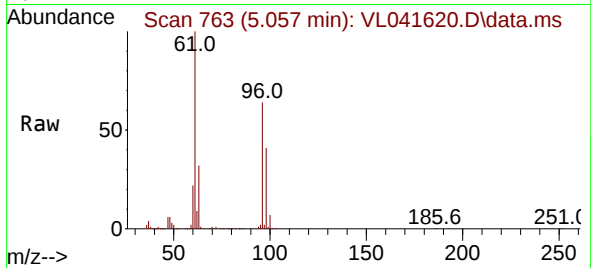
41 88.8 70.9 106.3





#31
cis-1,2-Dichloroethene
Concen: 10.699 ppbv
RT: 5.057 min Scan# 70
Delta R.T. 0.003 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30

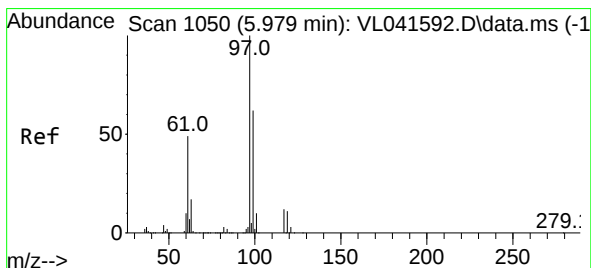
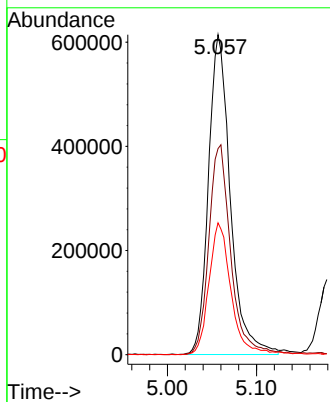
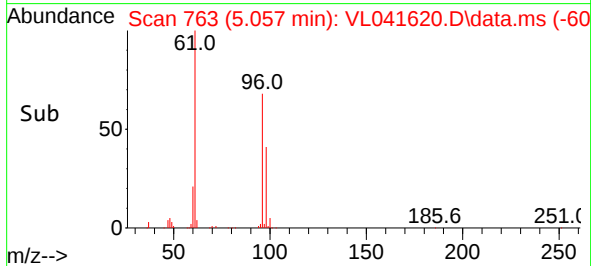
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



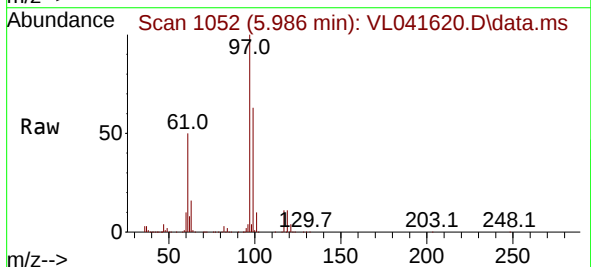
Tgt Ion: 61 Resp: 1047109
Ion Ratio Lower Upper
61 100
96 64.4 53.5 80.3
98 41.2 33.7 50.5

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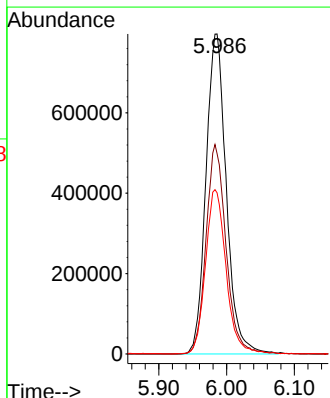
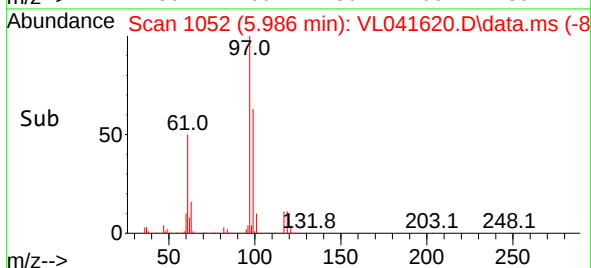
Reviewed By :Semsettin Yesilyurt 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024

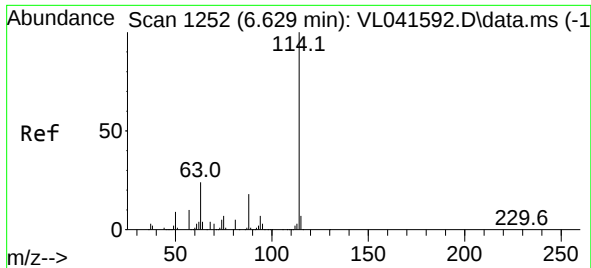


#32
1,1,1-Trichloroethane
Concen: 11.049 ppbv
RT: 5.986 min Scan# 1052
Delta R.T. 0.007 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30



Tgt Ion: 97 Resp: 1660234
Ion Ratio Lower Upper
97 100
99 64.4 51.0 76.4
61 52.3 41.0 61.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.635 min Scan# 114

Delta R.T. 0.007 min

Lab File: VL041620.D

Acq: 25 Sep 2024 12:30

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:114 Resp: 301015

Ion Ratio Lower Upper

114 100

63 25.3 20.2 30.2

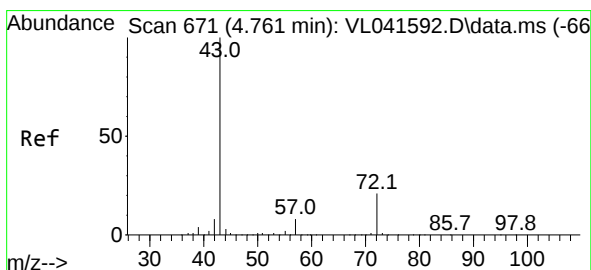
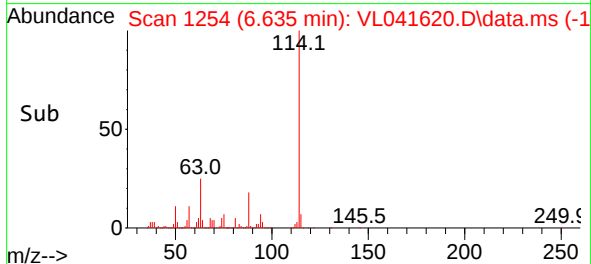
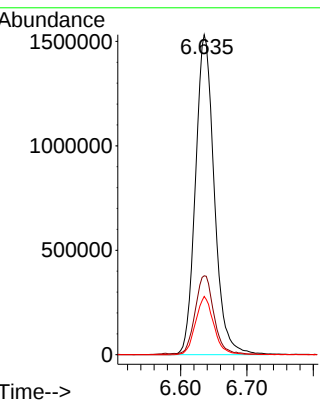
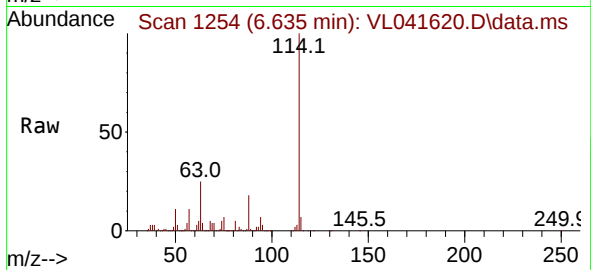
88 17.7 14.2 21.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/26/2024

Supervised By :Mahesh Dadoda 09/26/2024



#34

2-Butanone

Concen: 10.136 ppbv

RT: 4.764 min Scan# 672

Delta R.T. 0.003 min

Lab File: VL041620.D

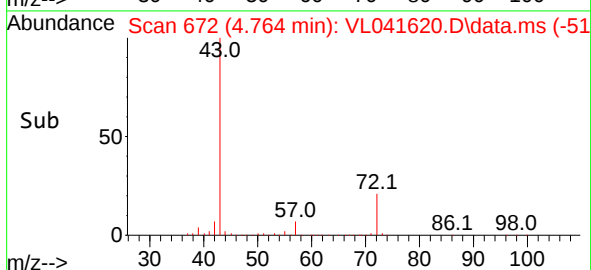
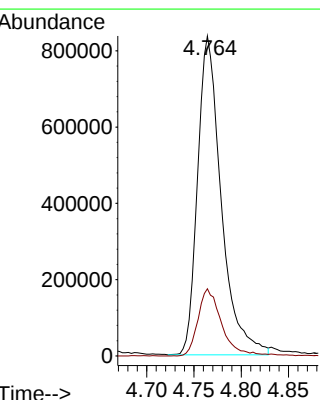
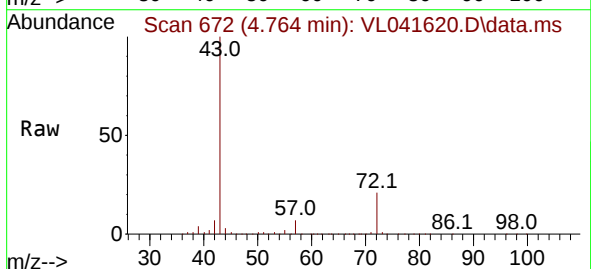
Acq: 25 Sep 2024 12:30

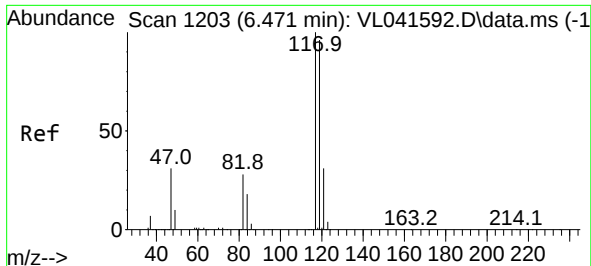
Tgt Ion: 43 Resp: 1454845

Ion Ratio Lower Upper

43 100

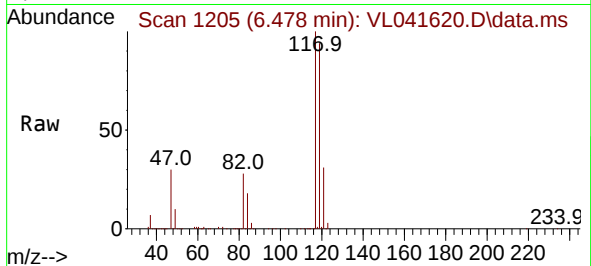
72 21.5 16.8 25.2





#35
Carbon Tetrachloride
Concen: 11.741 ppbv
RT: 6.478 min Scan# 1165
Delta R.T. 0.007 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30

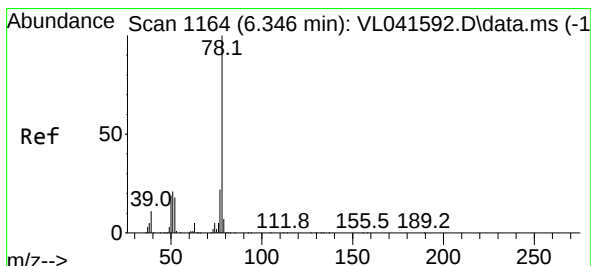
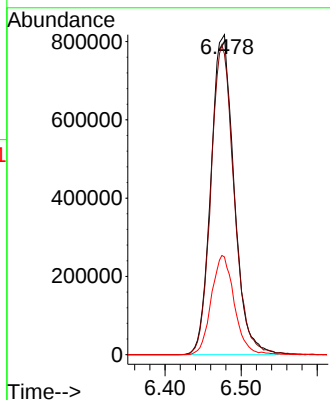
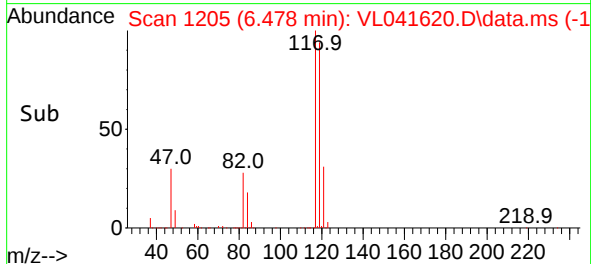
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:117 Resp: 1734030
Ion Ratio Lower Upper
117 100
119 94.0 76.8 115.2
121 30.6 25.0 37.6

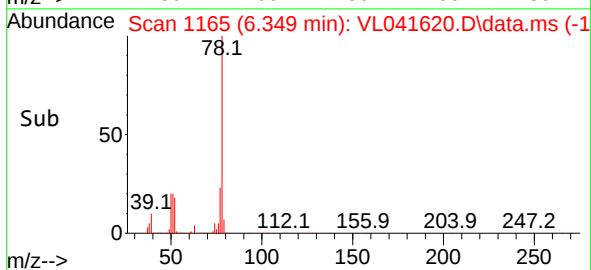
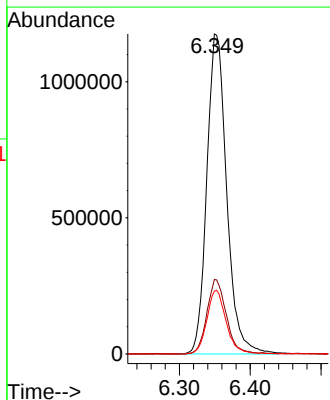
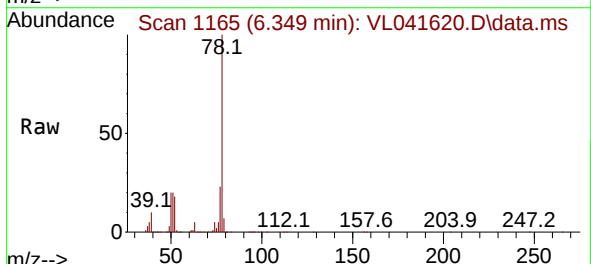
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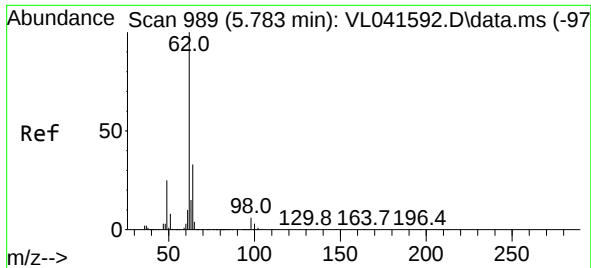
Reviewed By :Semsettin Yesilyurt 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024



#36
Benzene
Concen: 10.967 ppbv
RT: 6.349 min Scan# 1165
Delta R.T. 0.003 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30

Tgt Ion: 78 Resp: 2292591
Ion Ratio Lower Upper
78 100
77 23.3 17.8 26.6
50 19.6 15.4 23.0





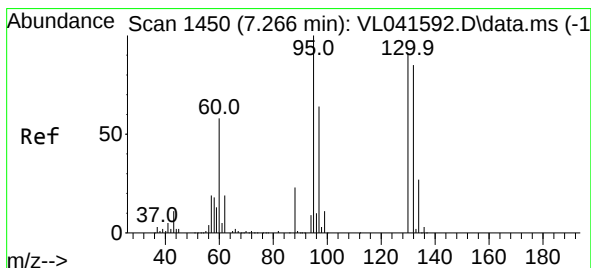
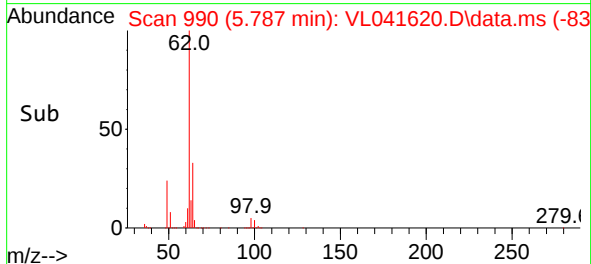
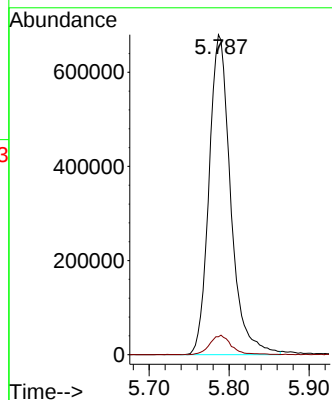
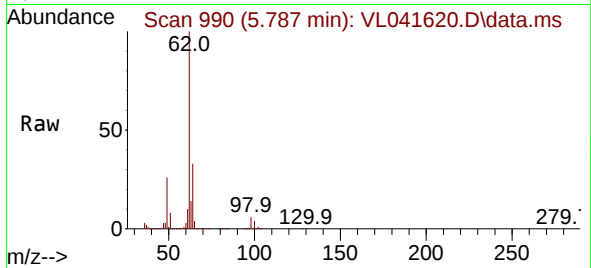
#37
1,2-Dichloroethane
Concen: 10.539 ppbv
RT: 5.787 min Scan# 989
Delta R.T. 0.003 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 127838
Ion Ratio Lower Upper
62 100
98 6.1 4.8 7.2

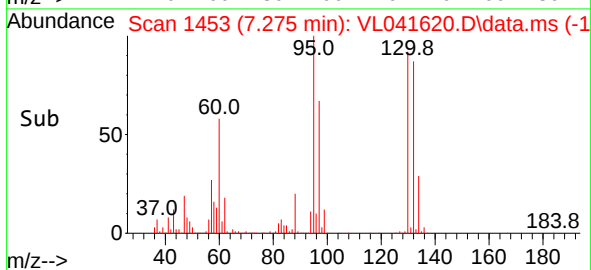
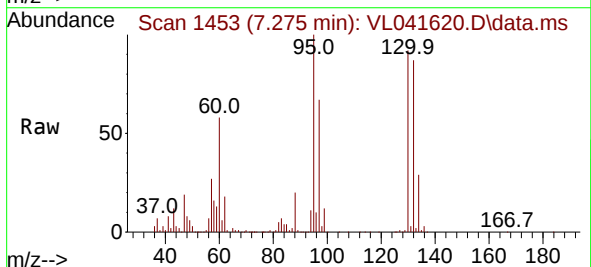
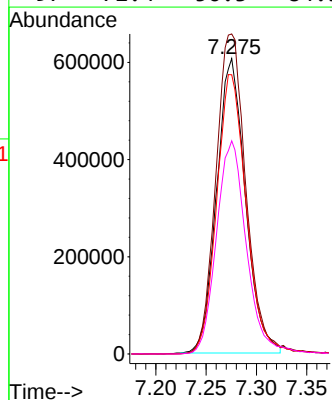
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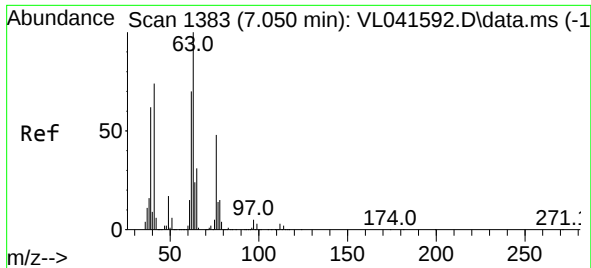
Reviewed By :Semsettin Yesilyurt 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024



#38
Trichloroethene
Concen: 11.172 ppbv
RT: 7.275 min Scan# 1453
Delta R.T. 0.010 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30

Tgt Ion:130 Resp: 1202684
Ion Ratio Lower Upper
130 100
95 108.6 87.7 131.5
132 94.8 74.5 111.7
97 72.4 56.3 84.5





#39

1,2-Dichloropropane

Concen: 10.472 ppbv

RT: 7.053 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL041620.D

Acq: 25 Sep 2024 12:30

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 63 Resp: 890629

Ion Ratio Lower Upper

63 100

41 70.1 59.5 89.3

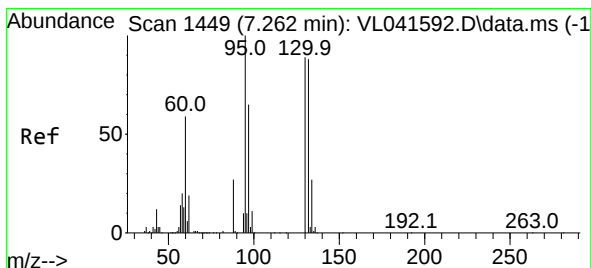
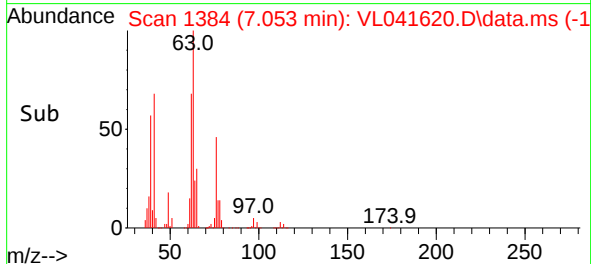
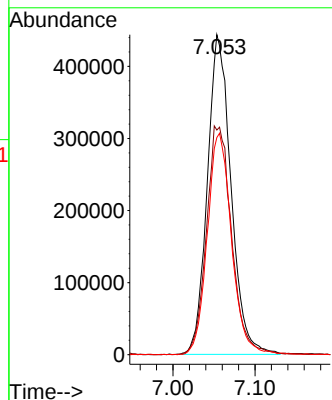
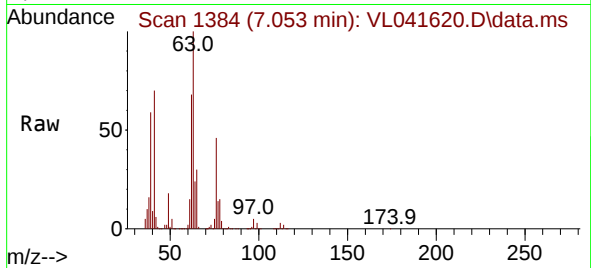
62 67.6 56.2 84.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/26/2024

Supervised By :Mahesh Dadoda 09/26/2024



#40

1,4-Dioxane

Concen: 10.440 ppbv

RT: 7.269 min Scan# 1451

Delta R.T. 0.007 min

Lab File: VL041620.D

Acq: 25 Sep 2024 12:30

Tgt Ion: 88 Resp: 334700

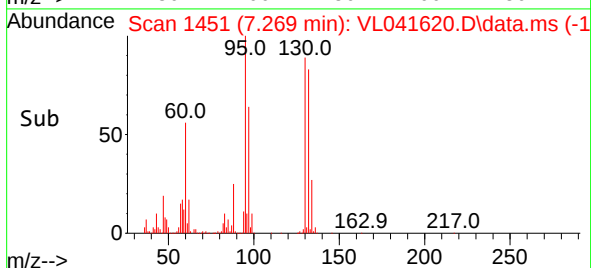
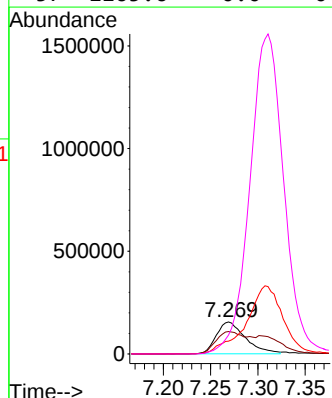
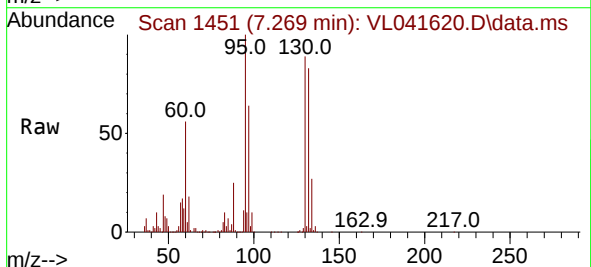
Ion Ratio Lower Upper

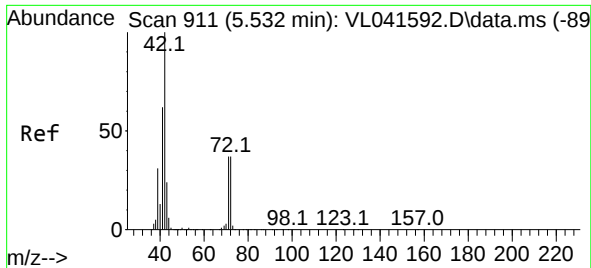
88 100

58 128.7 100.2 150.4

43 269.4 0.0 0.0#

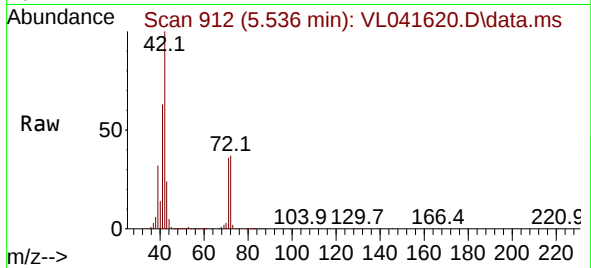
57 1165.6 0.0 0.0#





#41
Tetrahydrofuran
Concen: 11.945 ppbv
RT: 5.536 min Scan# 911
Delta R.T. 0.003 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30

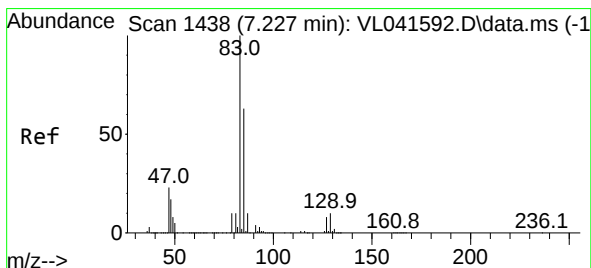
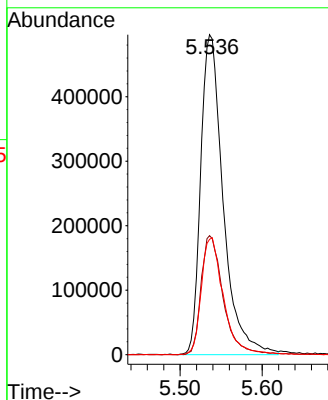
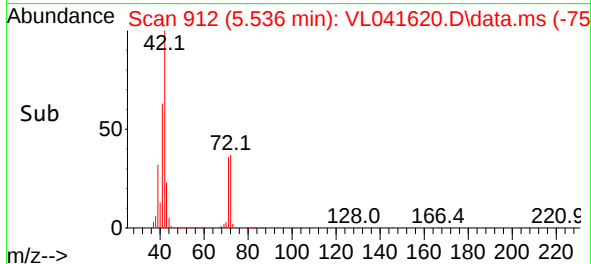
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



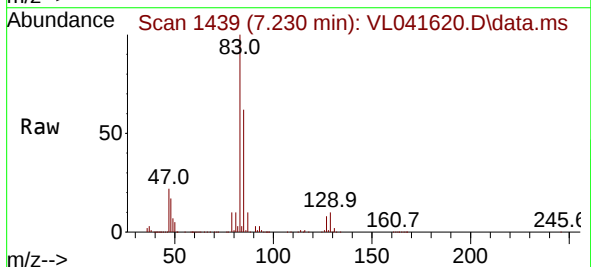
Tgt Ion: 42 Resp: 94350
Ion Ratio Lower Upper
42 100
72 36.8 30.2 45.2
71 36.2 29.6 44.4

Manual Integrations
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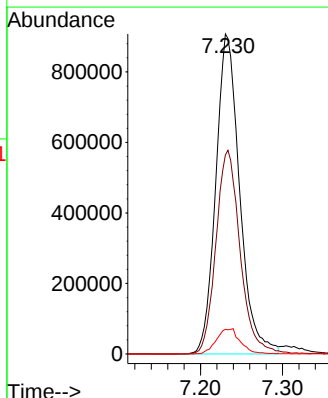
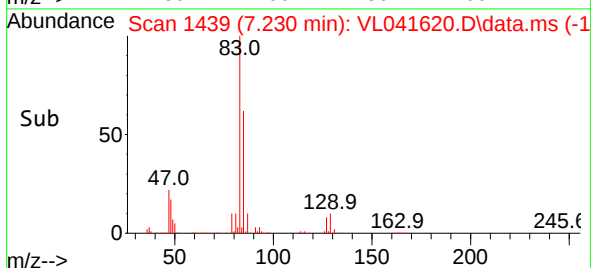
Reviewed By :Semsettin Yesilyurt 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024

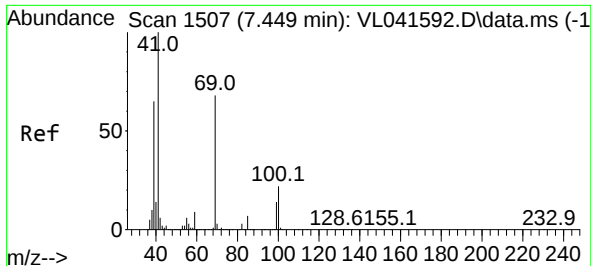


#42
Bromodichloromethane
Concen: 10.880 ppbv
RT: 7.230 min Scan# 1439
Delta R.T. 0.003 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30



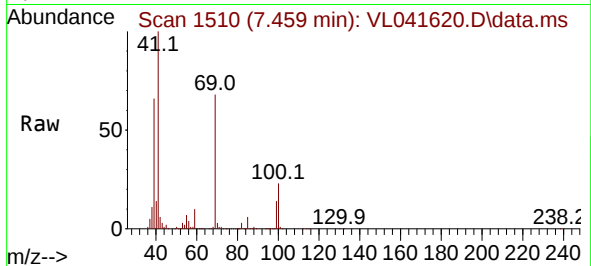
Tgt Ion: 83 Resp: 1836026
Ion Ratio Lower Upper
83 100
85 62.2 50.5 75.7
127 7.7 6.5 9.7





#43
Methyl Methacrylate
Concen: 12.231 ppbv
RT: 7.459 min Scan# 1510
Delta R.T. 0.010 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30

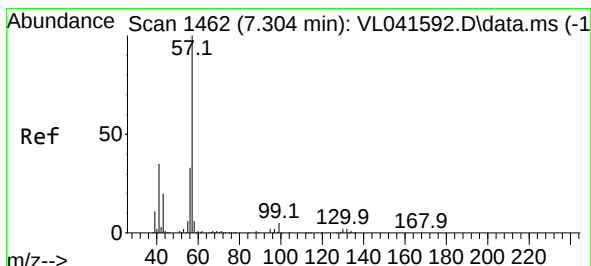
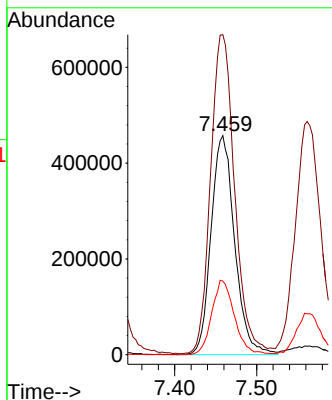
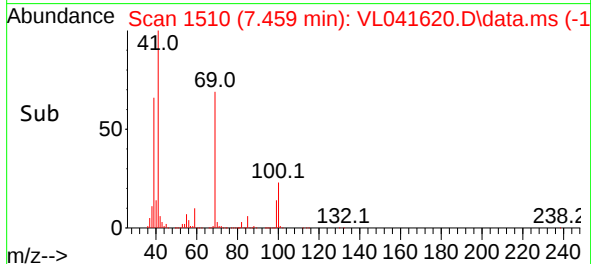
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



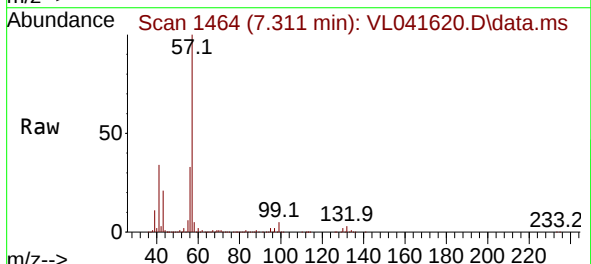
Tgt Ion: 69 Resp: 915009
Ion Ratio Lower Upper
69 100
41 149.0 121.8 182.6
100 32.7 26.5 39.7

Manual Integrations
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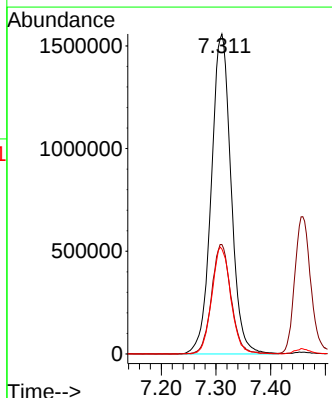
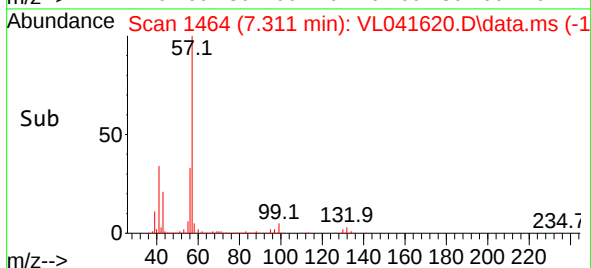
Reviewed By :Semsettin Yesilyurt 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024

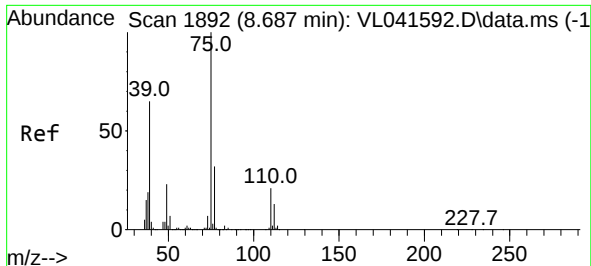


#44
2,2,4-Trimethylpentane
Concen: 10.781 ppbv
RT: 7.311 min Scan# 1464
Delta R.T. 0.007 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30



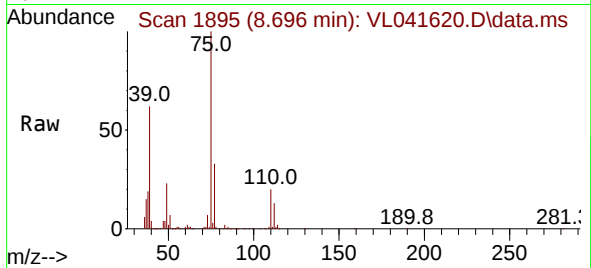
Tgt Ion: 57 Resp: 3899364
Ion Ratio Lower Upper
57 100
41 33.8 27.0 40.6
56 32.3 25.5 38.3





#45
t-1,3-Dichloropropene
Concen: 13.218 ppbv
RT: 8.696 min Scan# 11
Delta R.T. 0.010 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30

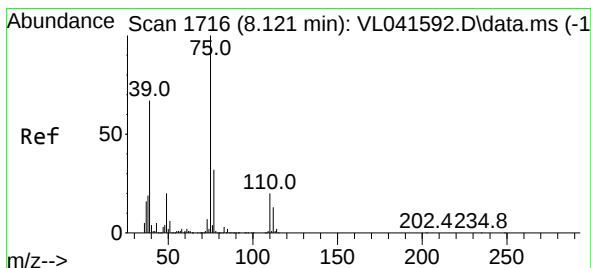
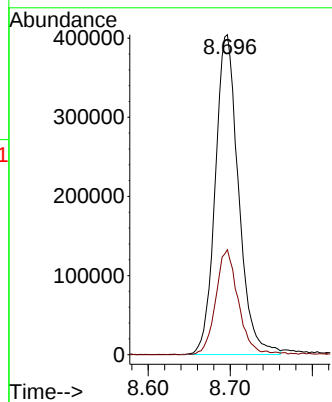
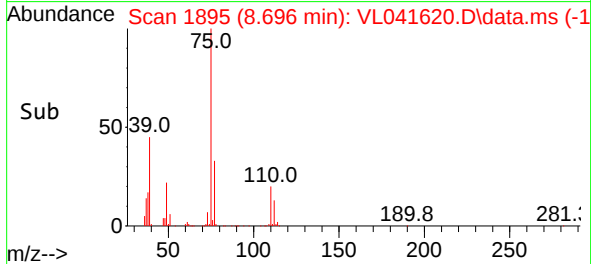
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 75 Resp: 797250
Ion Ratio Lower Upper
75 100
77 32.8 25.4 38.0

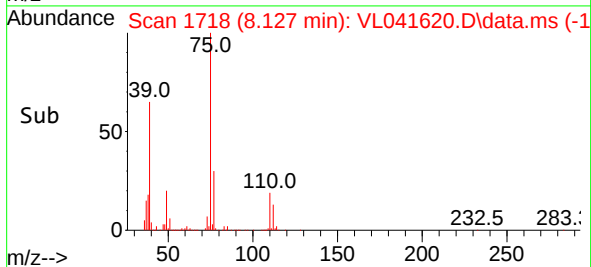
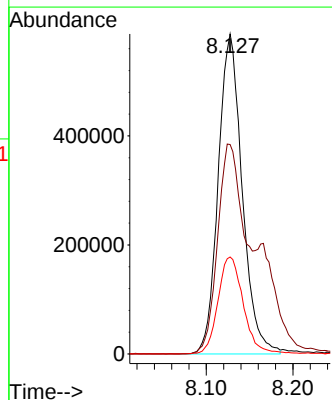
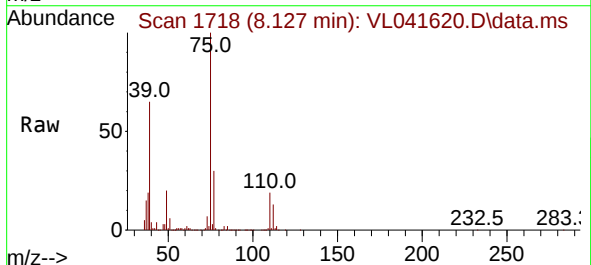
Manual Integrations
APPROVED

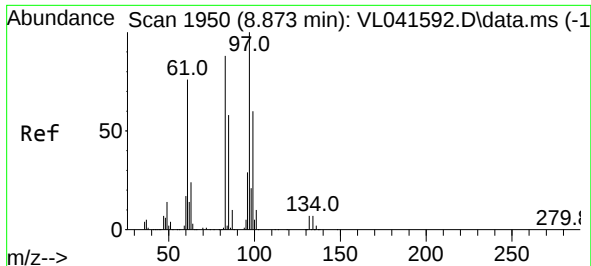
Reviewed By :Semsettin Yesilyurt 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024



#46
cis-1,3-Dichloropropene
Concen: 12.780 ppbv
RT: 8.127 min Scan# 1718
Delta R.T. 0.007 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30

Tgt Ion: 75 Resp: 1129281
Ion Ratio Lower Upper
75 100
39 65.4 54.0 81.0
77 30.3 25.2 37.8





#47

1,1,2-Trichloroethane

Concen: 10.544 ppbv

RT: 8.883 min Scan# 1950

Delta R.T. 0.010 min

Lab File: VL041620.D

Acq: 25 Sep 2024 12:30

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 97 Resp: 952108

Ion Ratio Lower Upper

97 100

83 91.7 70.2 105.4

85 59.5 46.3 69.5

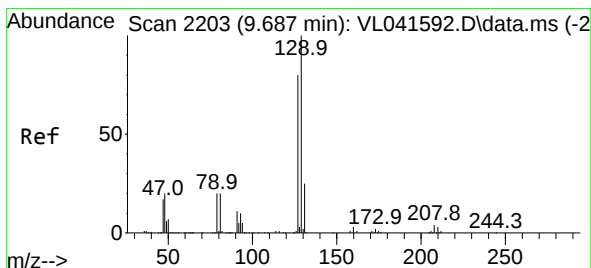
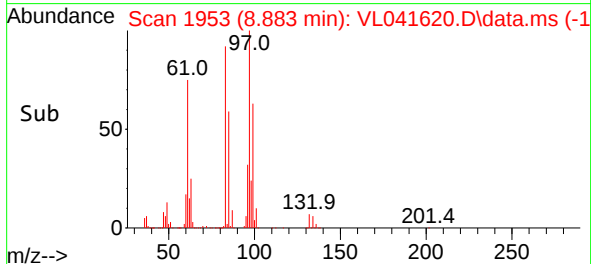
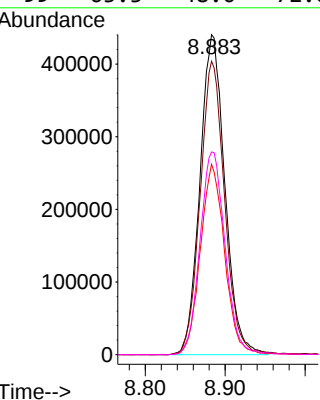
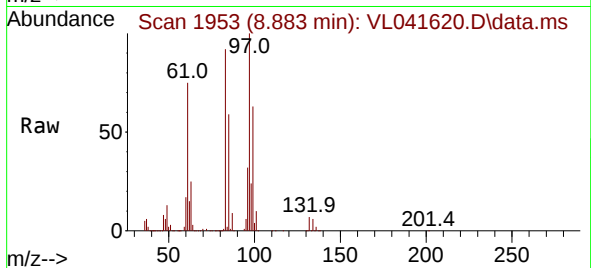
99 63.3 48.0 72.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/26/2024

Supervised By :Mahesh Dadoda 09/26/2024



#48

Dibromochloromethane

Concen: 11.527 ppbv

RT: 9.693 min Scan# 2205

Delta R.T. 0.007 min

Lab File: VL041620.D

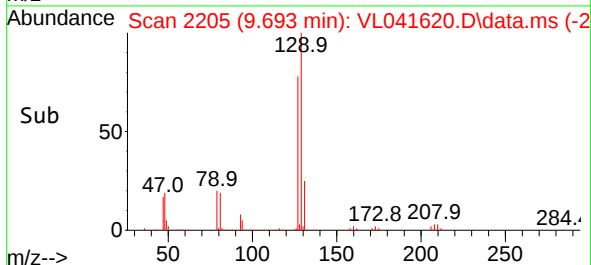
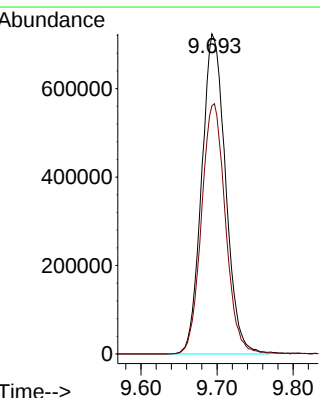
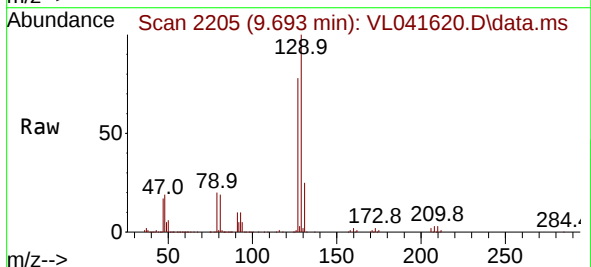
Acq: 25 Sep 2024 12:30

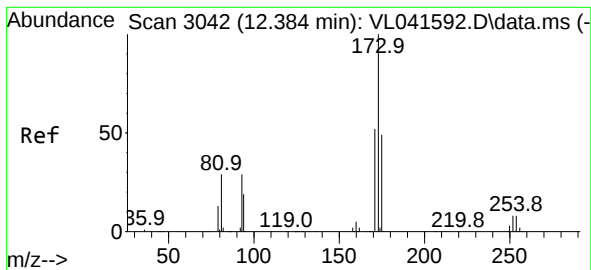
Tgt Ion:129 Resp: 1577077

Ion Ratio Lower Upper

129 100

127 78.6 39.3 117.9





#49

Bromoform

Concen: 11.810 ppbv

RT: 12.394 min Scan# 3042

Delta R.T. 0.010 min

Lab File: VL041620.D

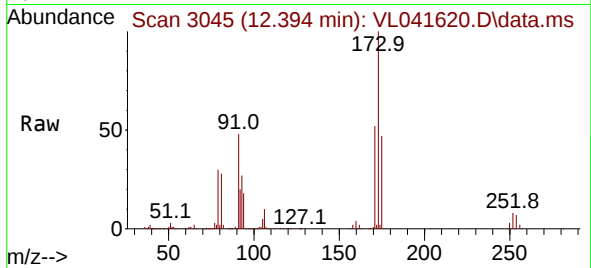
Acq: 25 Sep 2024 12:30

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion: 173 Resp: 1386944

Ion Ratio Lower Upper

173 100

175 49.6 40.1 60.1

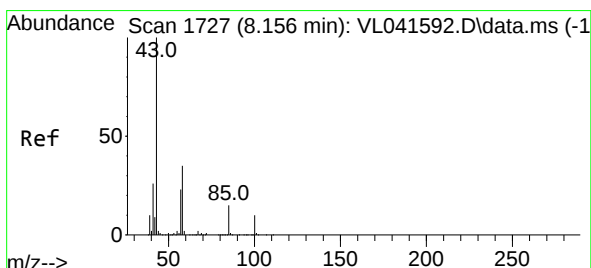
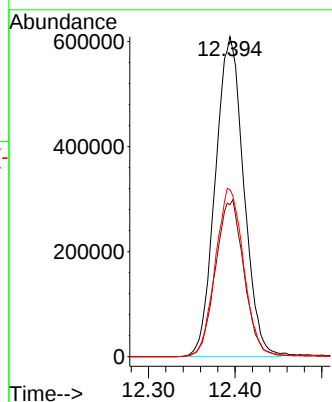
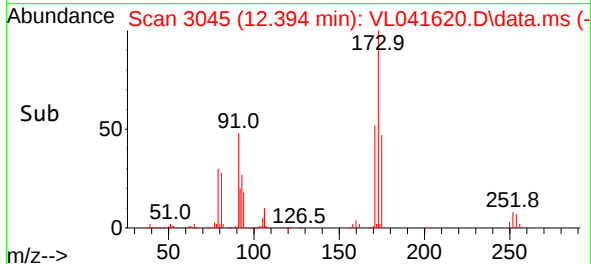
171 52.9 42.2 63.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/26/2024

Supervised By :Mahesh Dadoda 09/26/2024



#50

4-Methyl-2-Pentanone

Concen: 11.577 ppbv

RT: 8.163 min Scan# 1729

Delta R.T. 0.007 min

Lab File: VL041620.D

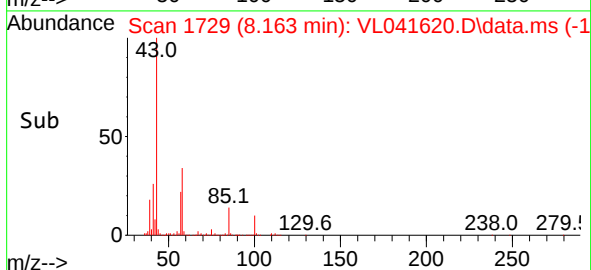
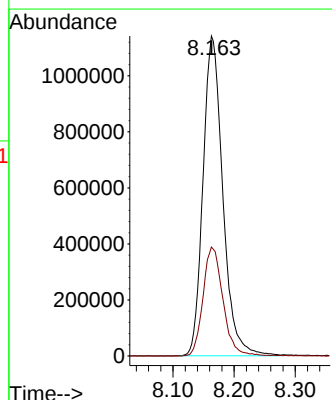
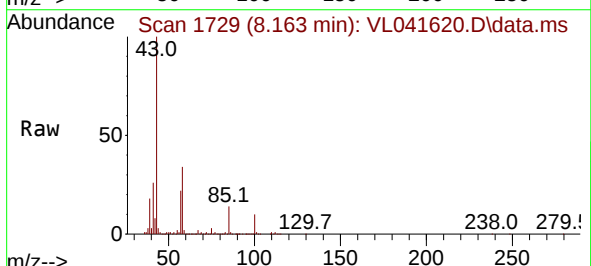
Acq: 25 Sep 2024 12:30

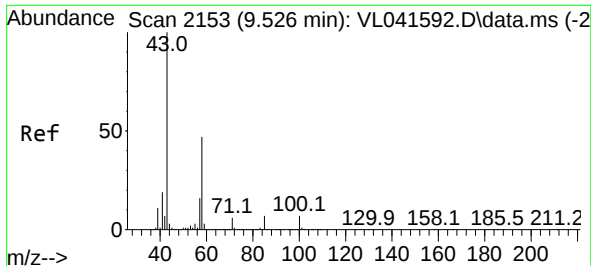
Tgt Ion: 43 Resp: 2566228

Ion Ratio Lower Upper

43 100

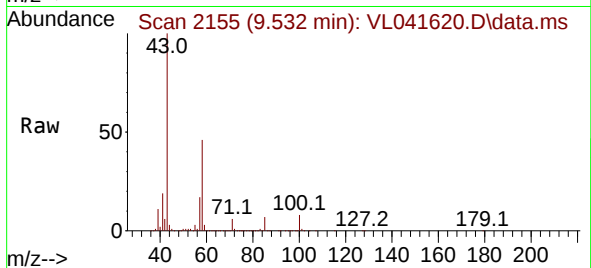
58 34.4 27.8 41.8





#51
2-Hexanone
Concen: 12.039 ppbv
RT: 9.532 min Scan# 2153
Delta R.T. 0.007 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30

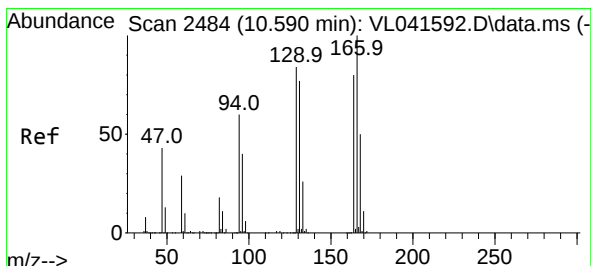
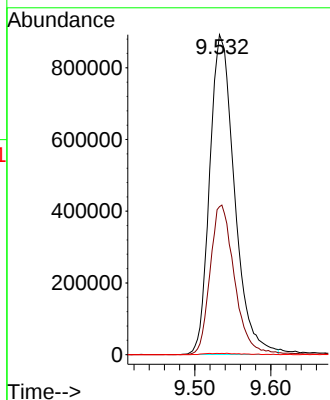
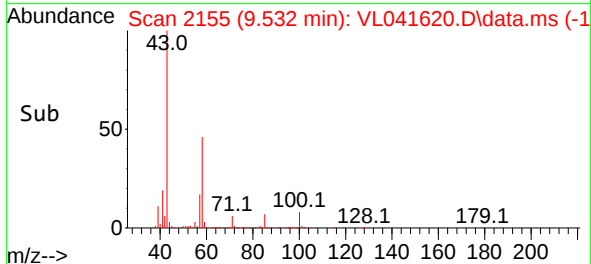
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



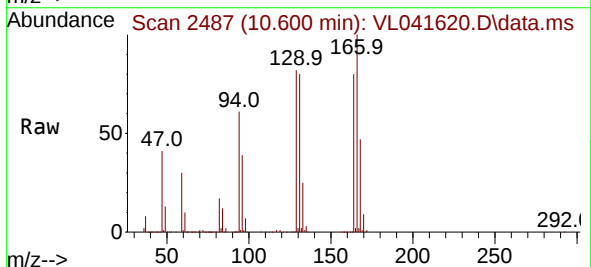
Tgt Ion: 43 Resp: 201849
Ion Ratio Lower Upper
43 100
58 46.4 37.2 55.8
98 0.7 0.5 0.7

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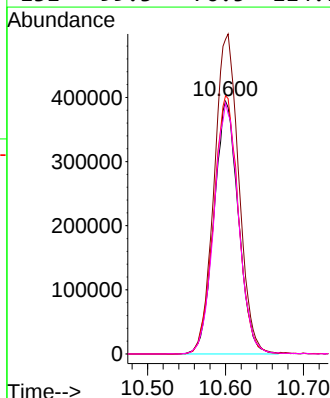
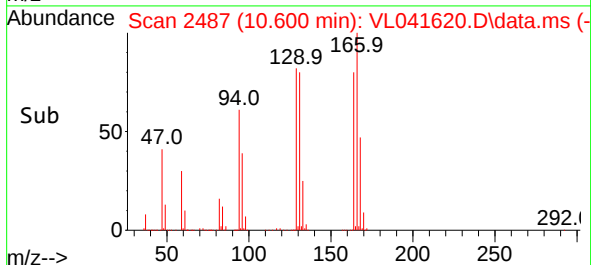
Reviewed By :Semsettin Yesilyurt 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024

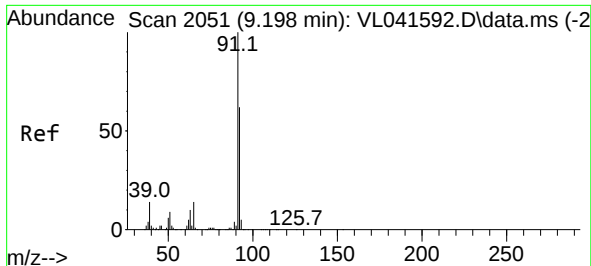


#52
Tetrachloroethene
Concen: 11.314 ppbv
RT: 10.600 min Scan# 2487
Delta R.T. 0.010 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30



Tgt Ion:164 Resp: 856455
Ion Ratio Lower Upper
164 100
166 124.6 99.4 149.2
129 102.2 83.5 125.3
131 99.3 76.5 114.7





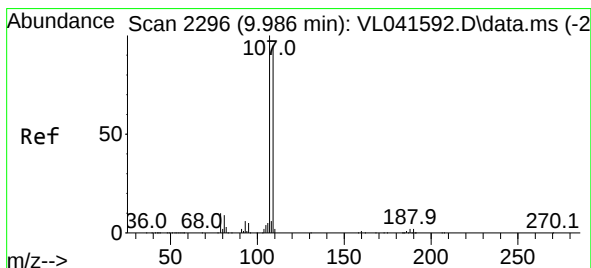
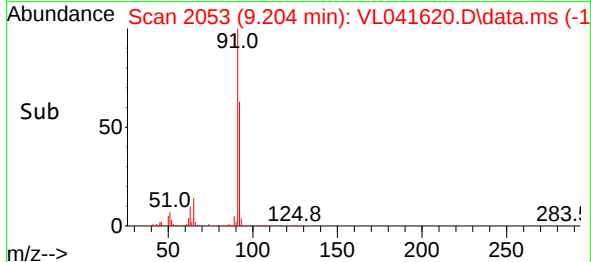
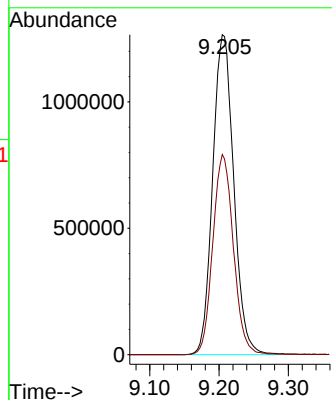
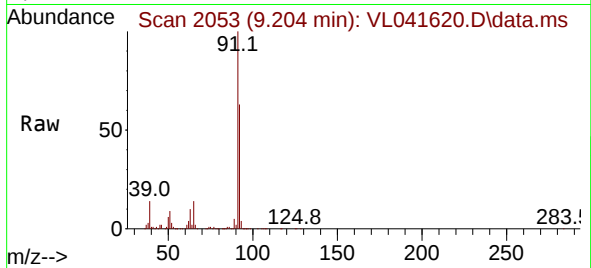
#53
Toluene
Concen: 12.038 ppbv
RT: 9.204 min Scan# 2051
Delta R.T. 0.007 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 2671418
Ion Ratio Lower Upper
91 100
92 61.3 48.9 73.3

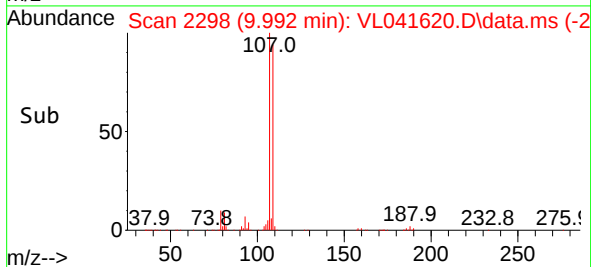
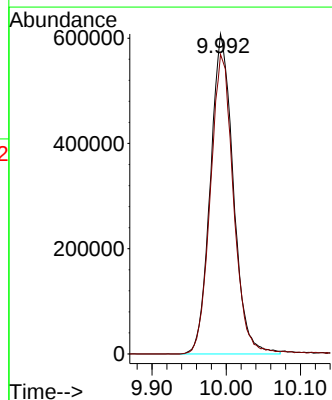
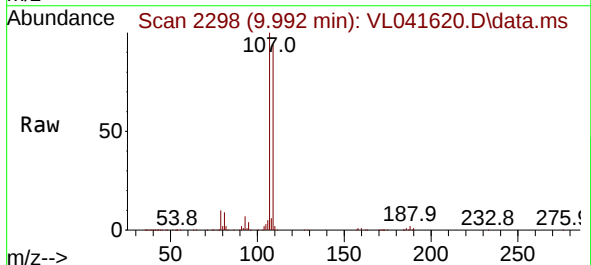
Manual Integrations
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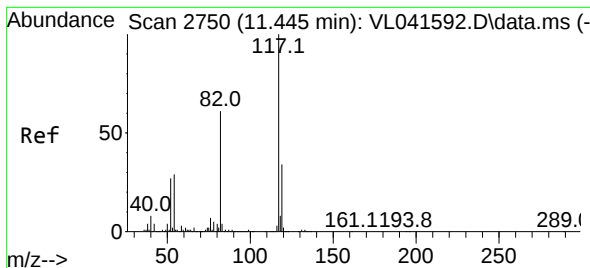
Reviewed By :Semsettin Yesilyurt 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024



#54
1,2-Dibromoethane
Concen: 11.731 ppbv
RT: 9.992 min Scan# 2298
Delta R.T. 0.007 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30

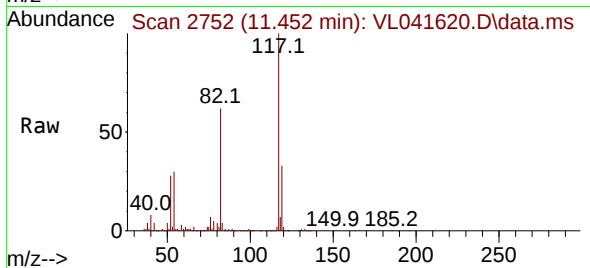
Tgt Ion:107 Resp: 1304442
Ion Ratio Lower Upper
107 100
109 93.6 75.7 113.5





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.452 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30

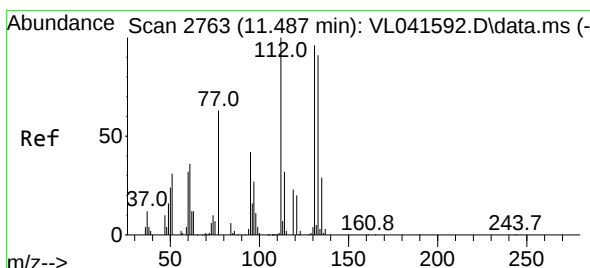
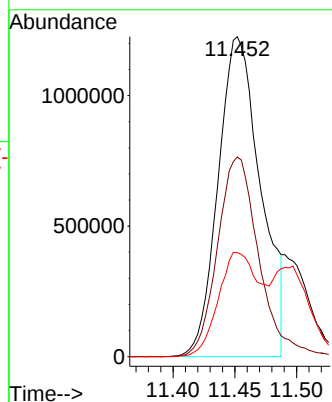
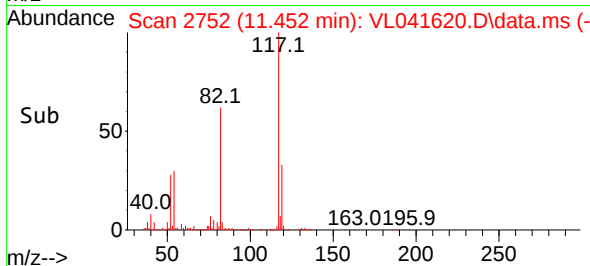
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



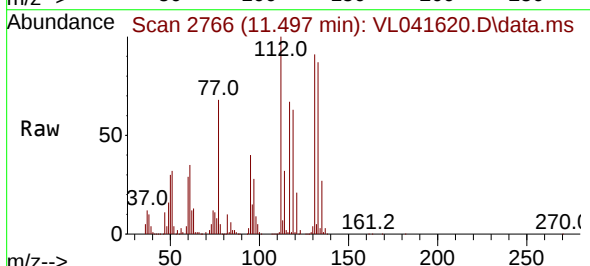
Tgt Ion:117 Resp: 293455
Ion Ratio Lower Upper
117 100
82 61.2 49.4 74.2
119 32.5 24.4 36.6

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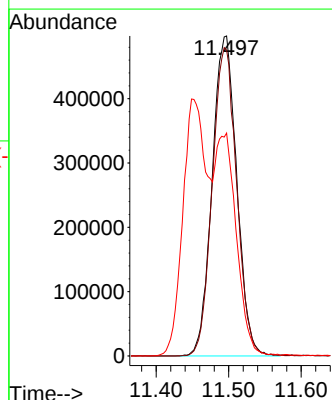
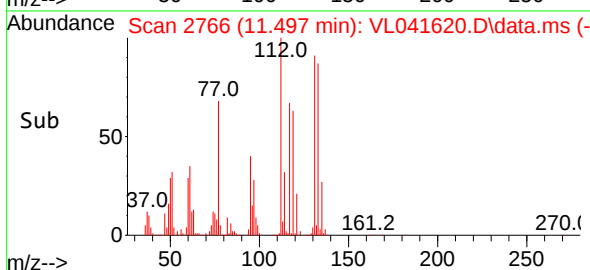
Reviewed By :Semsettin Yesilyurt 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024

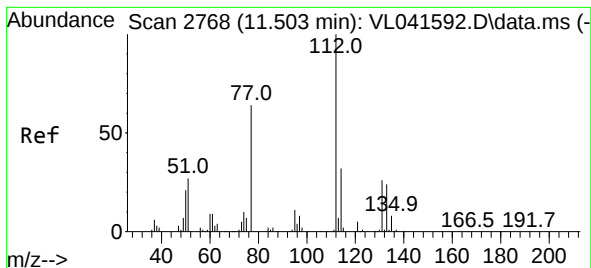


#56
1,1,1,2-Tetrachloroethane
Concen: 10.213 ppbv
RT: 11.497 min Scan# 2766
Delta R.T. 0.010 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30



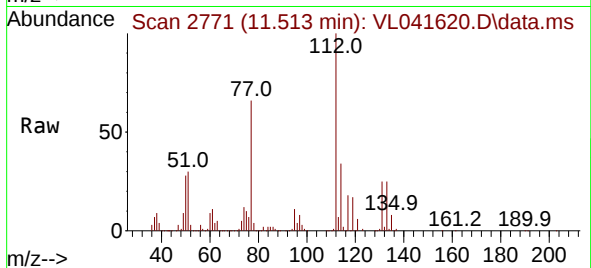
Tgt Ion:131 Resp: 1170113
Ion Ratio Lower Upper
131 100
133 95.9 76.6 115.0
119 64.1 48.5 72.7





#57
Chlorobenzene
Concen: 9.962 ppbv
RT: 11.513 min Scan# 210767
Delta R.T. 0.010 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30

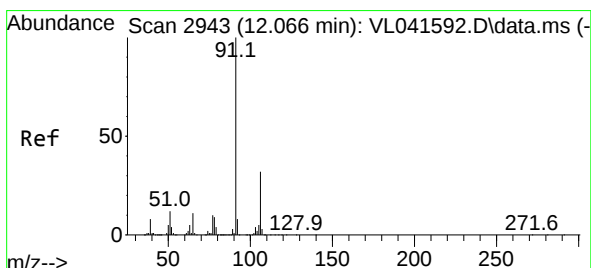
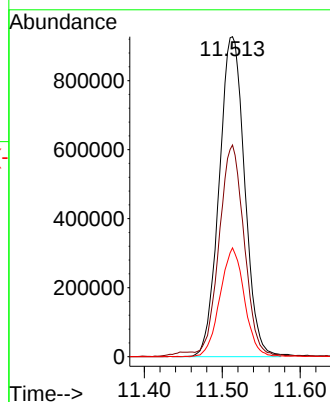
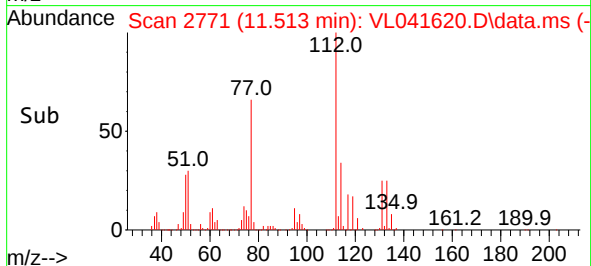
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:112 Resp: 210767
Ion Ratio Lower Upper
112 100
77 65.6 52.0 78.0
114 34.0 28.6 35.0

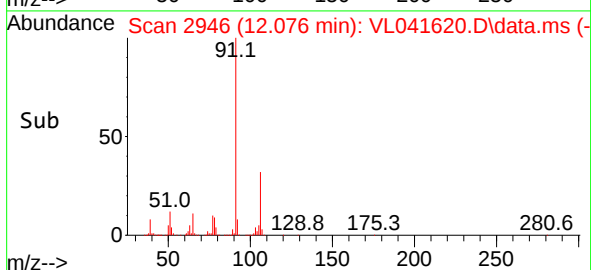
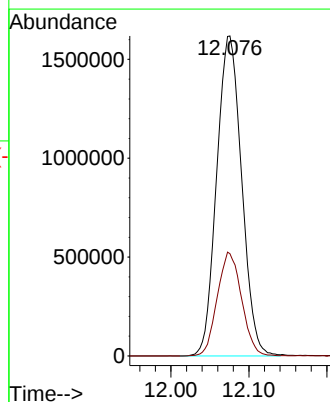
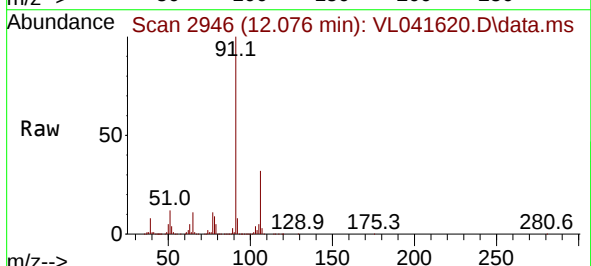
Manual Integrations
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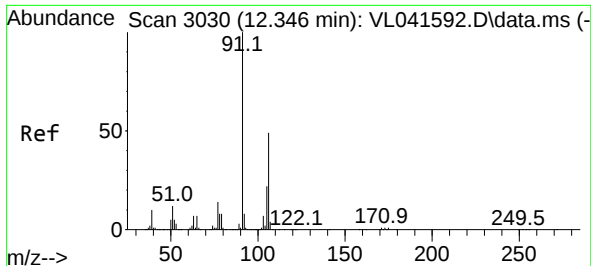
Reviewed By :Semsettin Yesilyurt 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024



#58
Ethyl Benzene
Concen: 11.480 ppbv
RT: 12.076 min Scan# 2946
Delta R.T. 0.010 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30

Tgt Ion: 91 Resp: 3606334
Ion Ratio Lower Upper
91 100
106 32.0 25.8 38.6





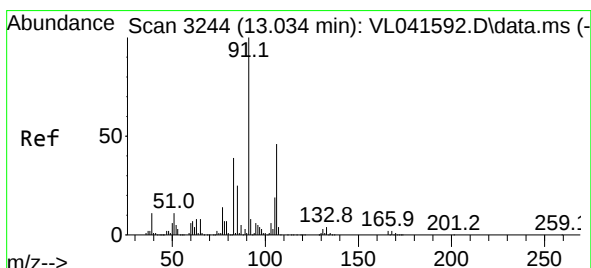
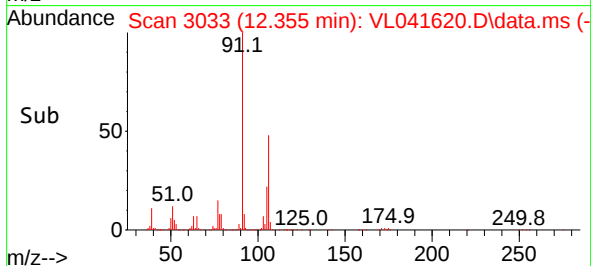
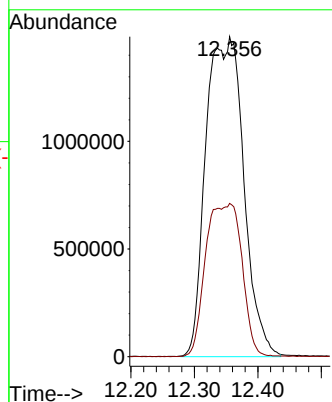
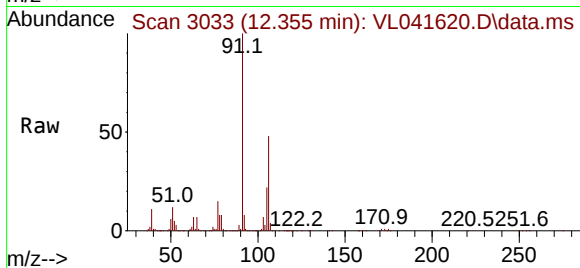
#59
m/p-Xylene
Concen: 22.007 ppbv m
RT: 12.355 min Scan# 3030
Delta R.T. 0.010 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 615285
Ion Ratio Lower Upper
91 100
106 45.9 36.8 55.2

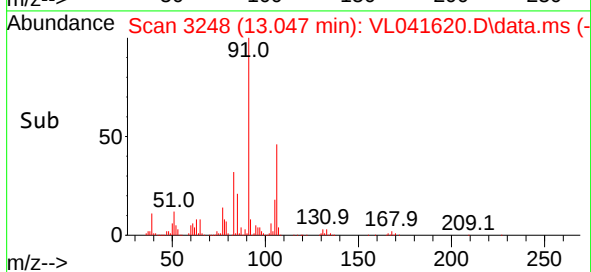
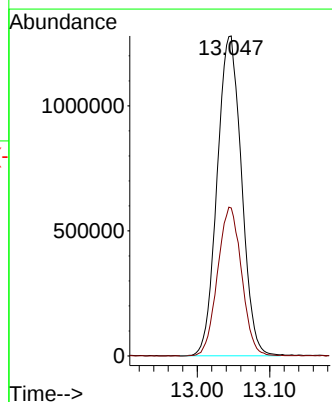
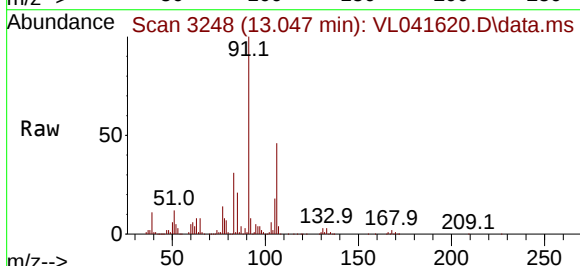
Manual Integrations
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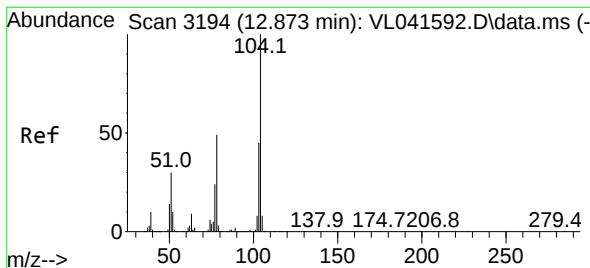
Reviewed By :Semsettin Yesilyurt 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024



#60
o-Xylene
Concen: 11.124 ppbv
RT: 13.047 min Scan# 3248
Delta R.T. 0.013 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30

Tgt Ion: 91 Resp: 2981870
Ion Ratio Lower Upper
91 100
106 46.0 23.1 69.3





#61

Styrene

Concen: 12.756 ppbv

RT: 12.883 min Scan# 3194

Delta R.T. 0.010 min

Lab File: VL041620.D

Acq: 25 Sep 2024 12:30

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:104 Resp: 142847

Ion Ratio Lower Upper

104 100

78 50.2 39.8 59.6

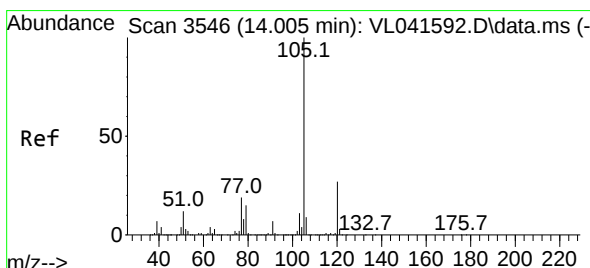
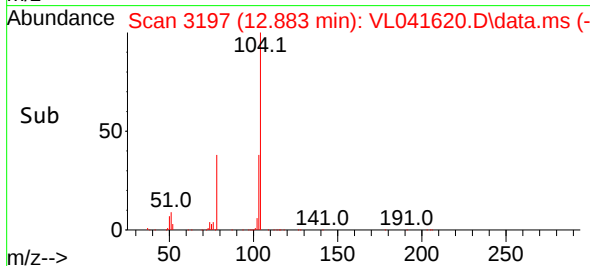
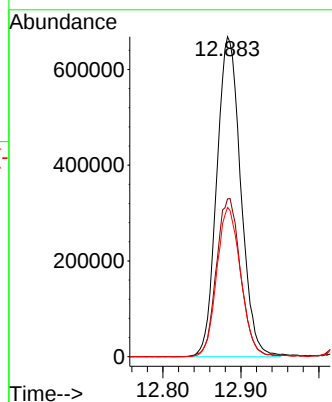
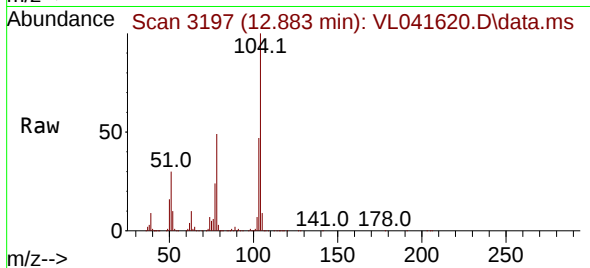
103 46.9 37.4 56.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/26/2024

Supervised By :Mahesh Dadoda 09/26/2024



#62

Isopropylbenzene

Concen: 10.608 ppbv

RT: 14.015 min Scan# 3549

Delta R.T. 0.010 min

Lab File: VL041620.D

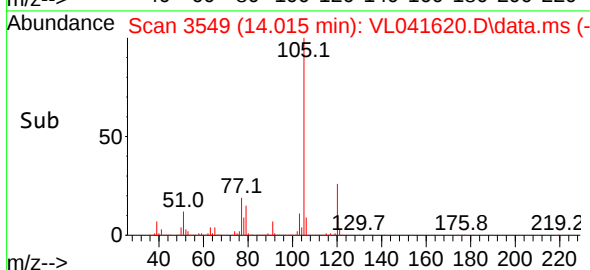
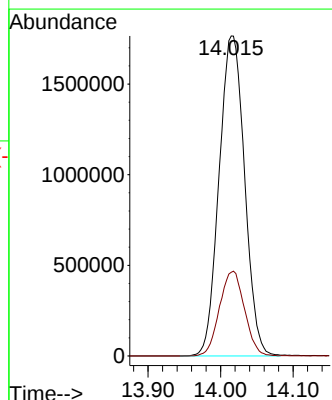
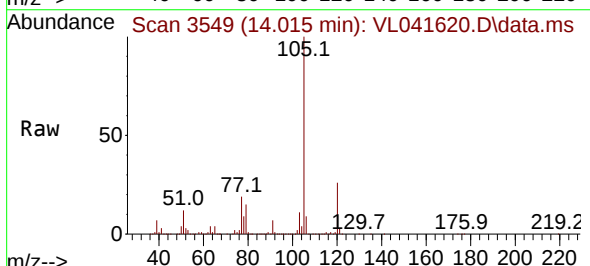
Acq: 25 Sep 2024 12:30

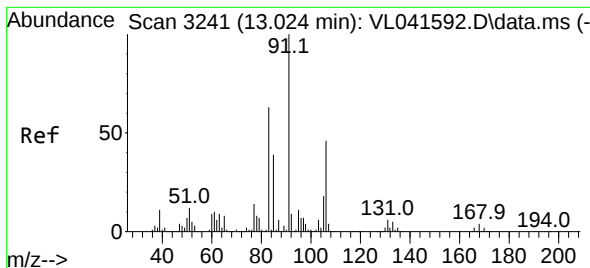
Tgt Ion:105 Resp: 4308177

Ion Ratio Lower Upper

105 100

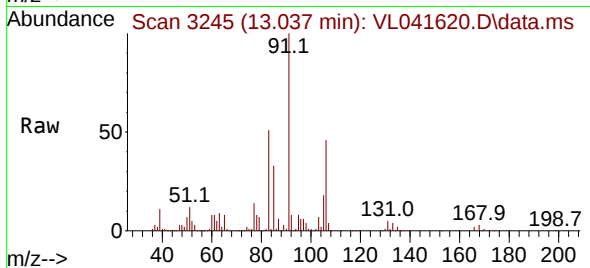
120 26.0 20.9 31.3





#63
1,1,2,2-Tetrachloroethane
Concen: 10.314 ppbv
RT: 13.037 min Scan# 31
Delta R.T. 0.013 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30

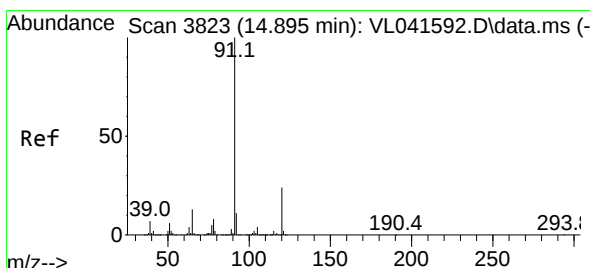
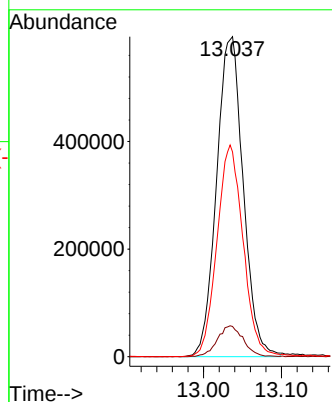
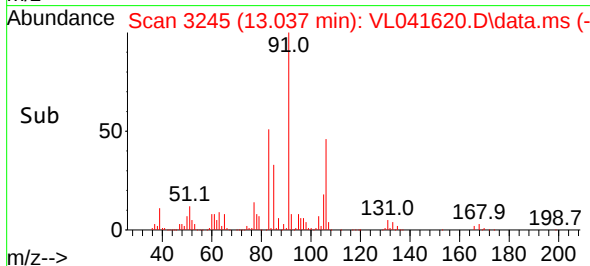
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



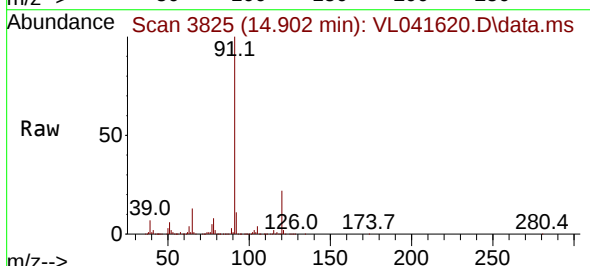
Tgt Ion: 83 Resp: 141361
Ion Ratio Lower Upper
83 100
131 9.5 4.8 14.4
85 65.6 32.5 97.4

Manual Integrations
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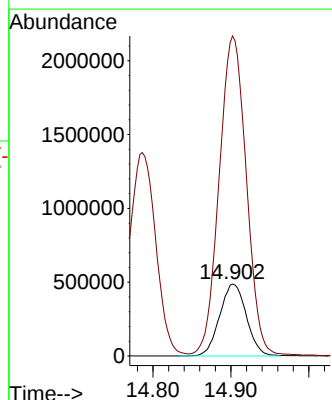
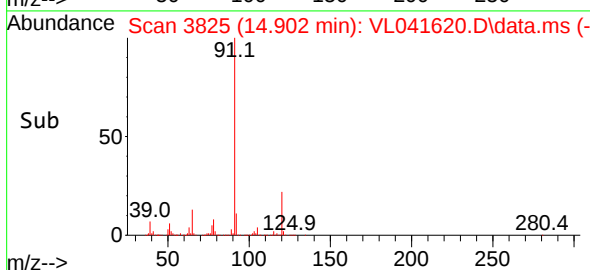
Reviewed By :Semsettin Yesilyurt 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024

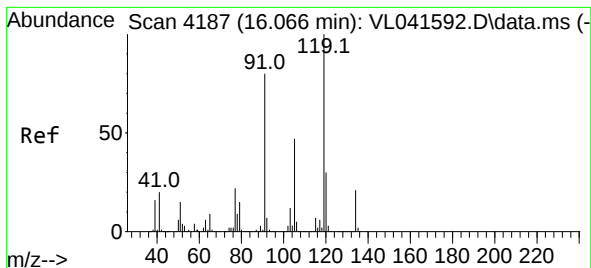


#64
n-propylbenzene
Concen: 11.067 ppbv
RT: 14.902 min Scan# 3825
Delta R.T. 0.007 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30



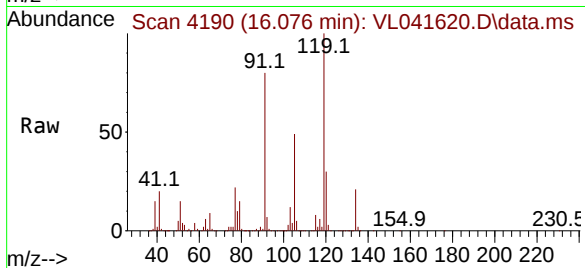
Tgt Ion:120 Resp: 1160749
Ion Ratio Lower Upper
120 100
91 454.2 366.4 549.6





#65
tert-Butylbenzene
Concen: 10.349 ppbv
RT: 16.076 min Scan# 4187
Delta R.T. 0.010 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30

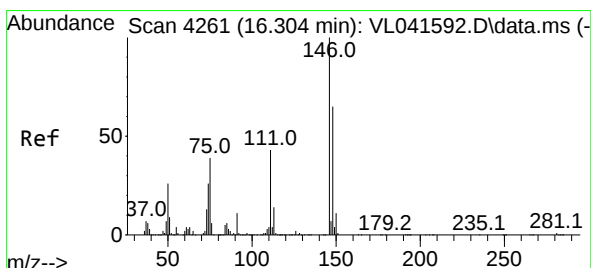
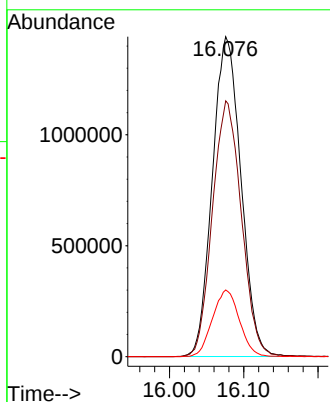
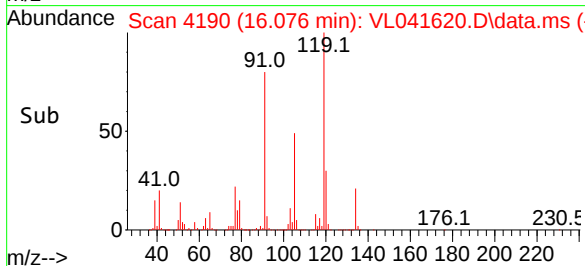
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



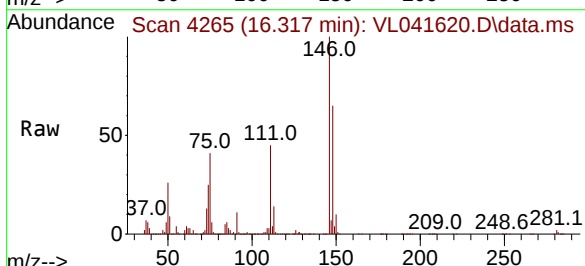
Tgt Ion:119 Resp: 385266
Ion Ratio Lower Upper
119 100
91 81.0 64.6 96.8
134 19.8 15.8 23.8

Manual Integrations
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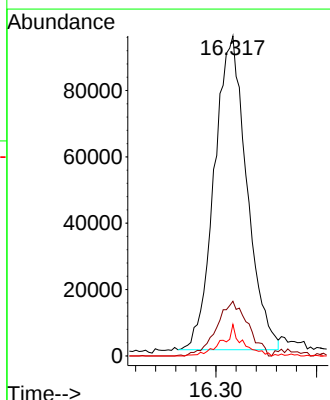
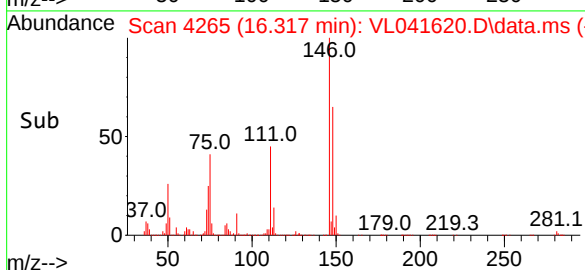
Reviewed By :Semsettin Yesilyurt 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024

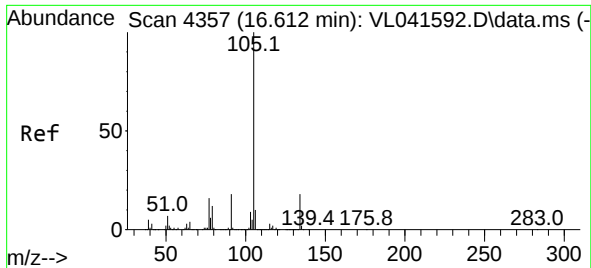


#66
Benzyl Chloride
Concen: 10.954 ppbv
RT: 16.317 min Scan# 4265
Delta R.T. 0.013 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30



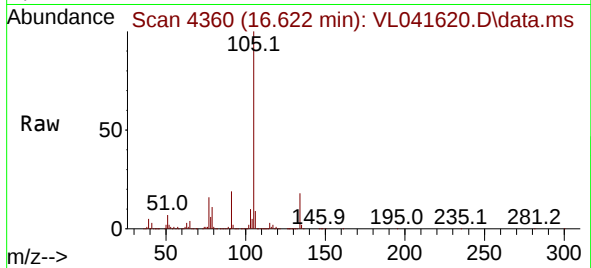
Tgt Ion: 91 Resp: 211989
Ion Ratio Lower Upper
91 100
126 17.2 15.4 23.2
128 6.3 4.8 7.2





#67
 sec-Butylbenzene
 Concen: 10.527 ppbv
 RT: 16.622 min Scan# 41
 Delta R.T. 0.010 min
 Lab File: VL041620.D
 Acq: 25 Sep 2024 12:30

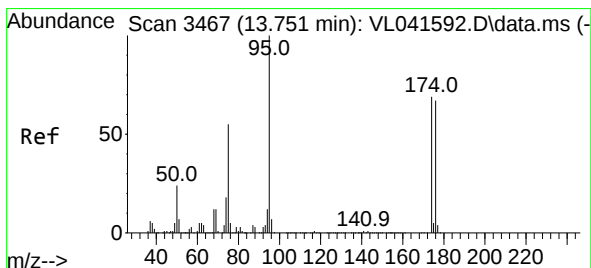
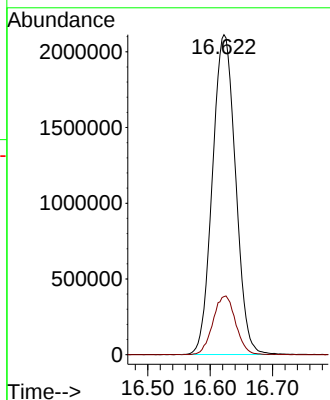
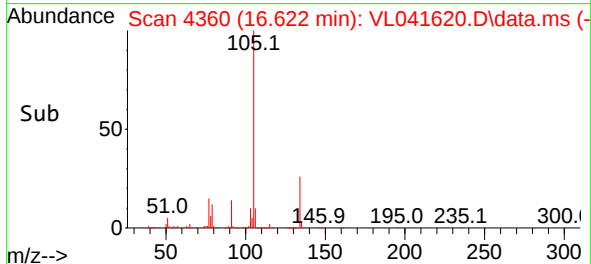
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:105 Resp: 543692
 Ion Ratio Lower Upper
 105 100
 134 18.1 14.6 21.8

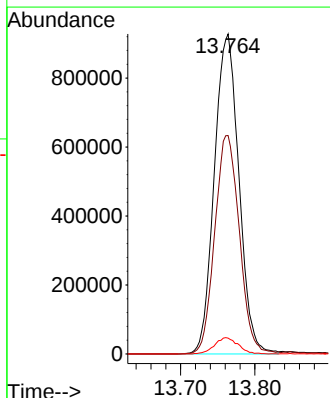
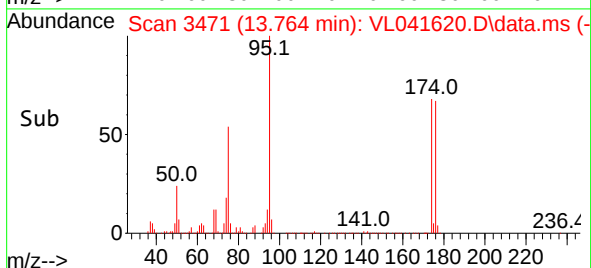
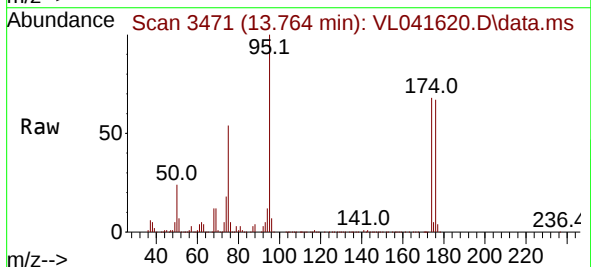
Manual Integrations
 APPROVED

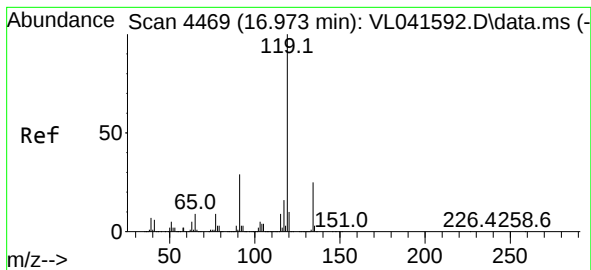
Reviewed By :Semsettin Yesilyurt 09/26/2024
 Supervised By :Mahesh Dadoda 09/26/2024



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.888 ppbv
 RT: 13.764 min Scan# 3471
 Delta R.T. 0.013 min
 Lab File: VL041620.D
 Acq: 25 Sep 2024 12:30

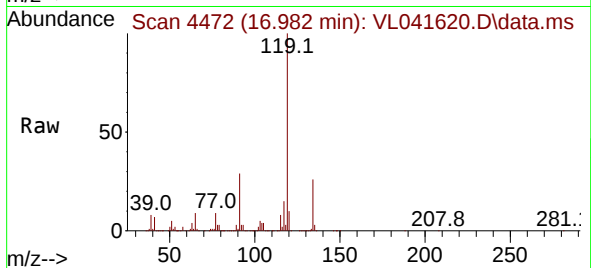
Tgt Ion: 95 Resp: 2135963
 Ion Ratio Lower Upper
 95 100
 174 68.4 55.8 83.8
 175 4.9 4.1 6.1





#69
p-Isopropyltoluene
Concen: 10.868 ppbv
RT: 16.982 min Scan# 4469
Delta R.T. 0.010 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30

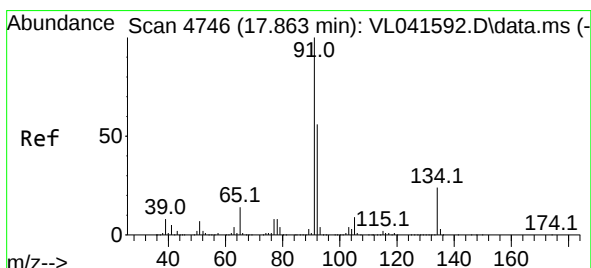
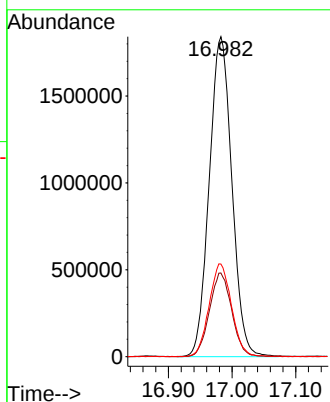
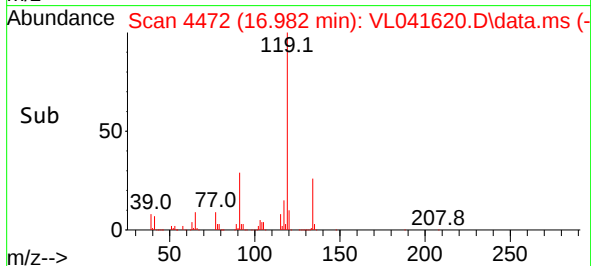
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



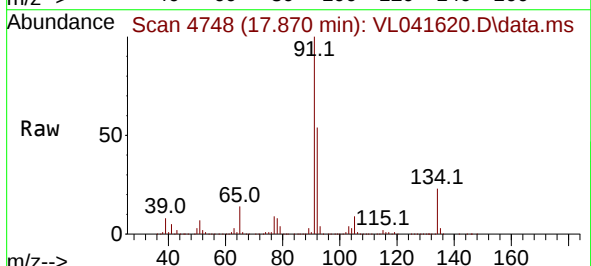
Tgt Ion:119 Resp: 4543580
Ion Ratio Lower Upper
119 100
134 25.9 20.5 30.7
91 28.7 23.1 34.7

Manual Integrations
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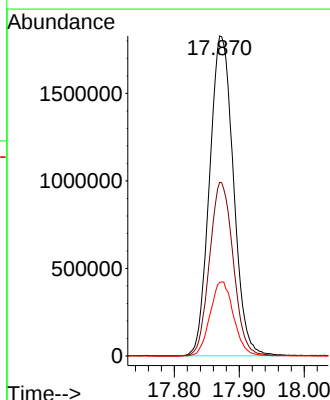
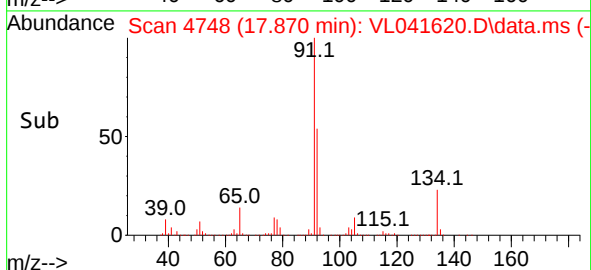
Reviewed By :Semsettin Yesilyurt 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024

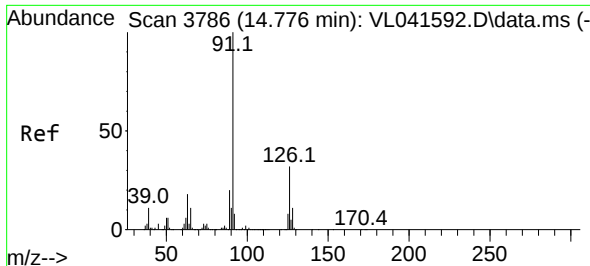


#70
n-Butylbenzene
Concen: 10.665 ppbv
RT: 17.870 min Scan# 4748
Delta R.T. 0.007 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30



Tgt Ion: 91 Resp: 4670620
Ion Ratio Lower Upper
91 100
92 53.9 43.2 64.8
134 22.9 18.6 27.8





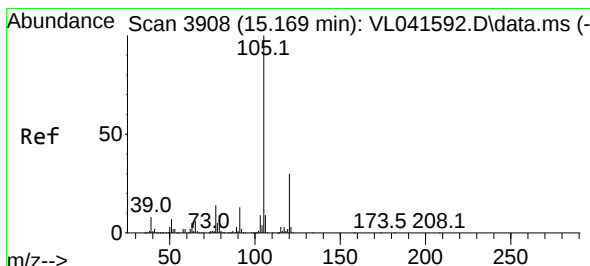
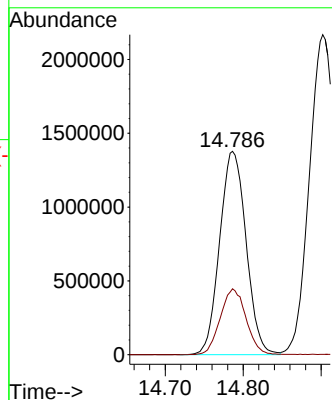
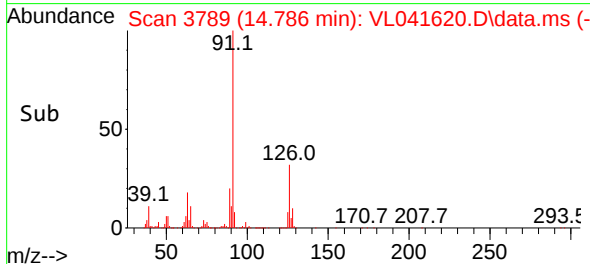
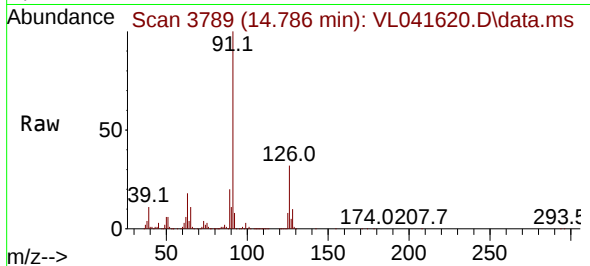
#71
2-Chlorotoluene
Concen: 10.874 ppbv
RT: 14.786 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 324934
Ion Ratio Lower Upper
91 100
126 31.7 12.9 51.5

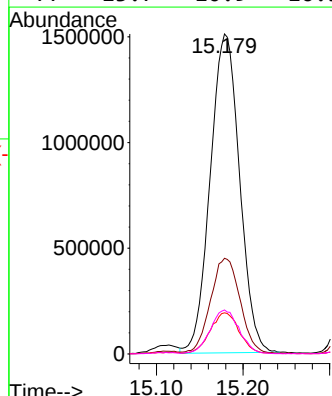
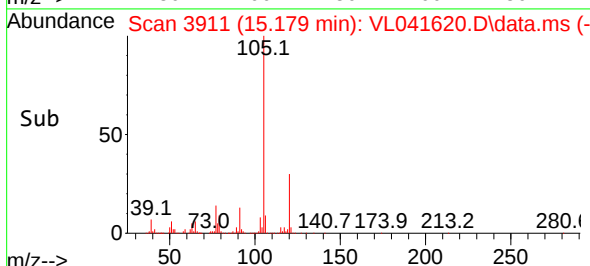
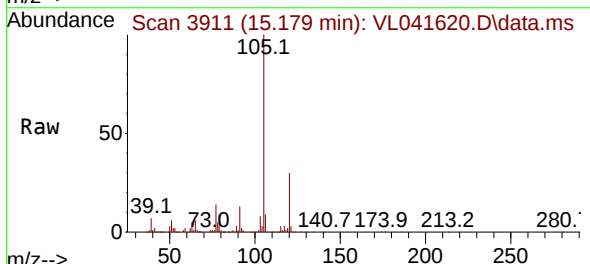
Manual Integrations
APPROVED

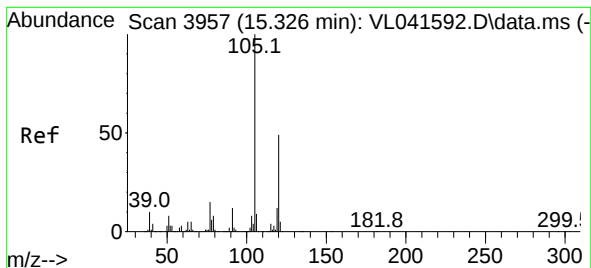
Reviewed By :Semsettin Yesilyurt 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024



#72
4-Ethyltoluene
Concen: 11.329 ppbv
RT: 15.179 min Scan# 3911
Delta R.T. 0.010 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30

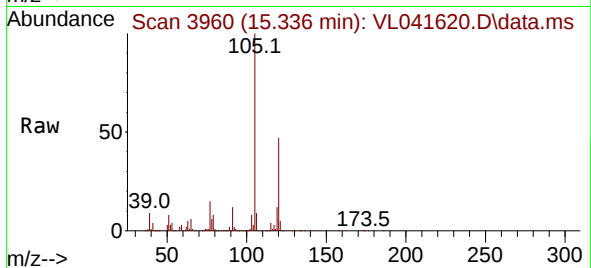
Tgt Ion:105 Resp: 3549686
Ion Ratio Lower Upper
105 100
120 31.3 24.1 36.1
91 12.8 10.2 15.2
77 13.7 10.9 16.3





#73
1,3,5-Trimethylbenzene
Concen: 10.971 ppbv
RT: 15.336 min Scan# 3957
Delta R.T. 0.010 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30

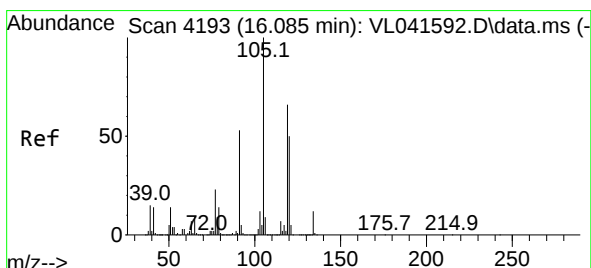
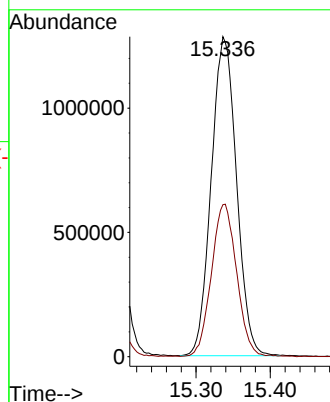
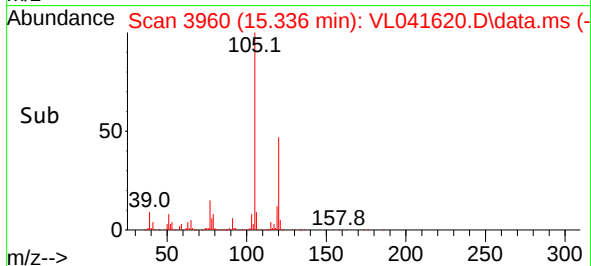
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



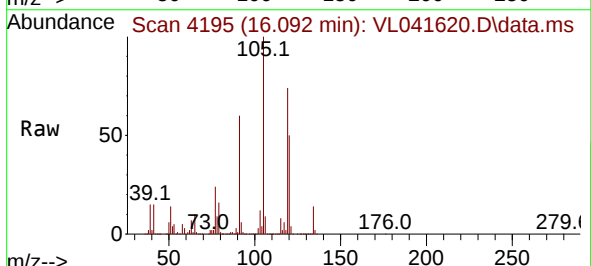
Tgt Ion:105 Resp: 303546
Ion Ratio Lower Upper
105 100
120 47.5 39.4 59.0

Manual Integrations
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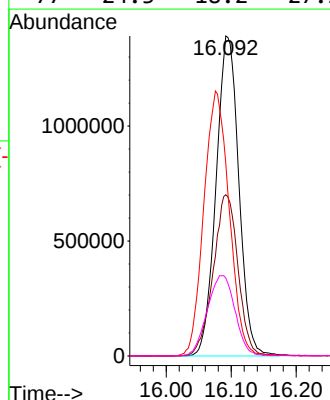
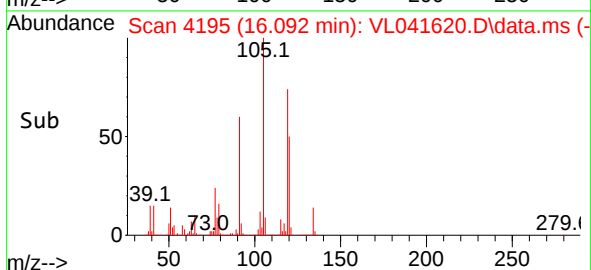
Reviewed By :Semsettin Yesilyurt 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024

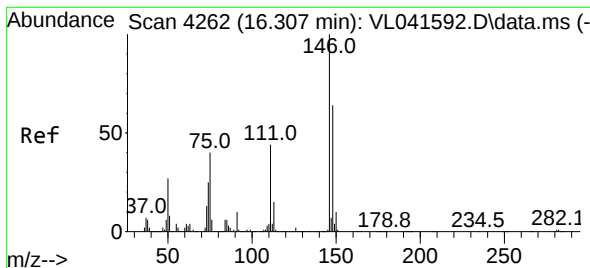


#74
1,2,4-Trimethylbenzene
Concen: 10.421 ppbv
RT: 16.092 min Scan# 4195
Delta R.T. 0.007 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30



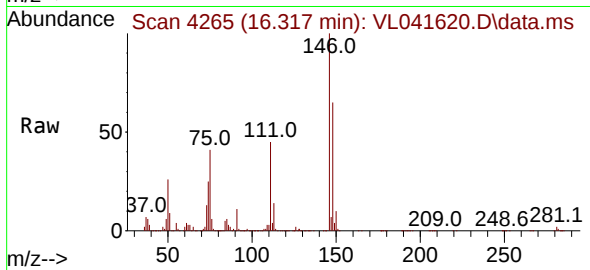
Tgt Ion:105 Resp: 3374776
Ion Ratio Lower Upper
105 100
120 50.3 39.9 59.9
91 59.9 42.6 63.8
77 24.3 18.2 27.2





#75
1,3-Dichlorobenzene
Concen: 10.170 ppbv
RT: 16.317 min Scan# 4310
Delta R.T. 0.010 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30

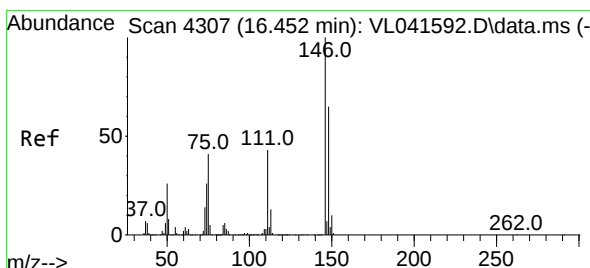
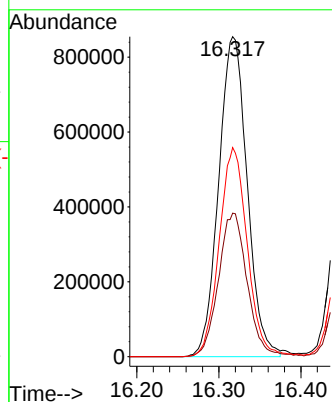
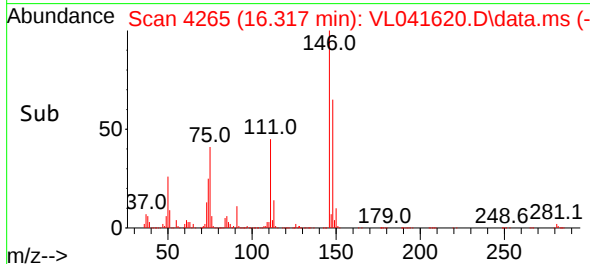
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



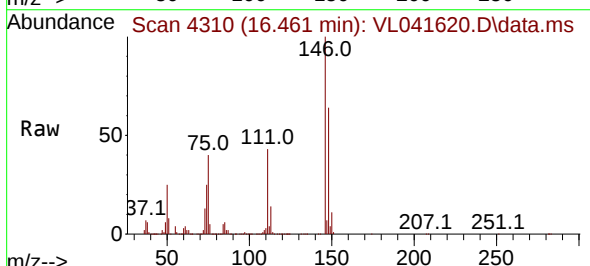
Tgt Ion:146 Resp: 2064129
Ion Ratio Lower Upper
146 100
111 45.3 22.4 67.0
148 64.5 32.1 96.5

Manual Integrations
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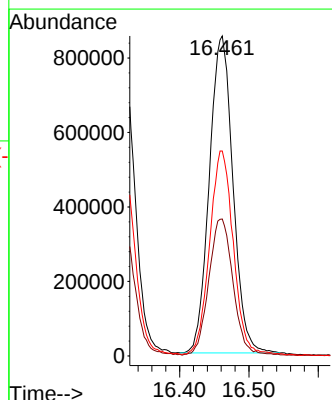
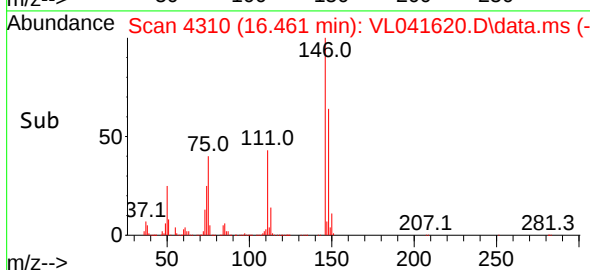
Reviewed By :Semsettin Yesilyurt 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024

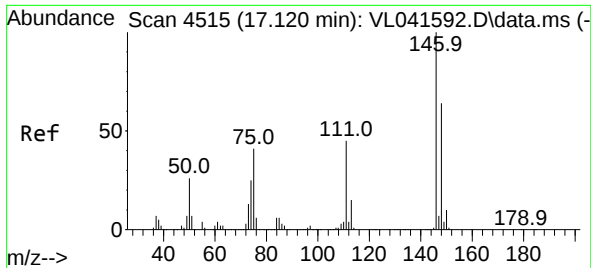


#76
1,4-Dichlorobenzene
Concen: 10.352 ppbv
RT: 16.461 min Scan# 4310
Delta R.T. 0.010 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30



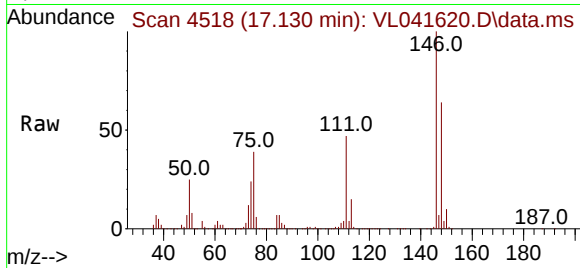
Tgt Ion:146 Resp: 2013375
Ion Ratio Lower Upper
146 100
111 45.1 22.4 67.3
148 65.8 32.8 98.4





#77
1,2-Dichlorobenzene
Concen: 10.042 ppbv
RT: 17.130 min Scan# 4515
Delta R.T. 0.010 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30

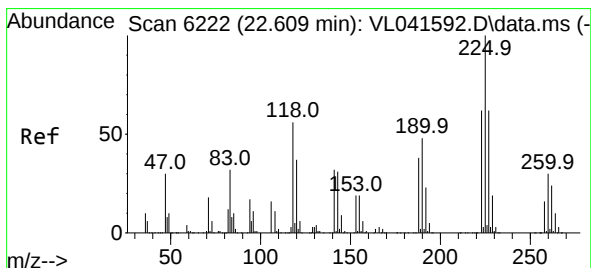
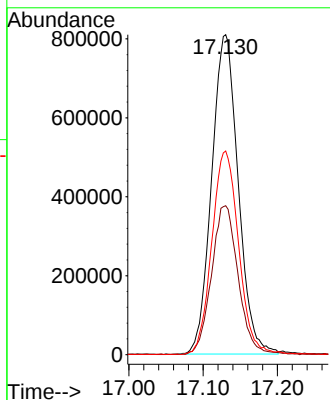
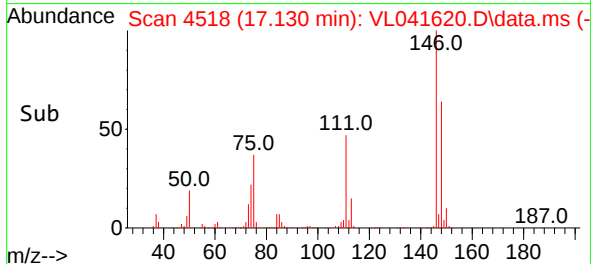
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



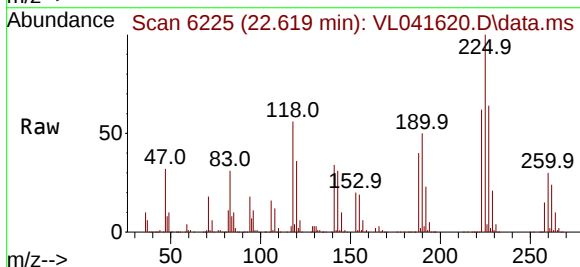
Tgt Ion:146 Resp: 201215
Ion Ratio Lower Upper
146 100
111 47.1 23.4 70.0
148 64.4 32.5 97.4

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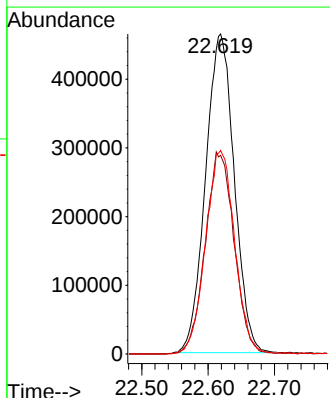
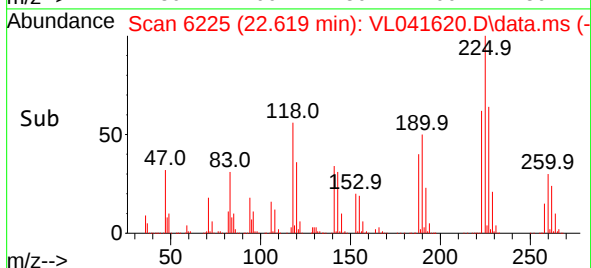
Reviewed By :Semsettin Yesilyurt 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024

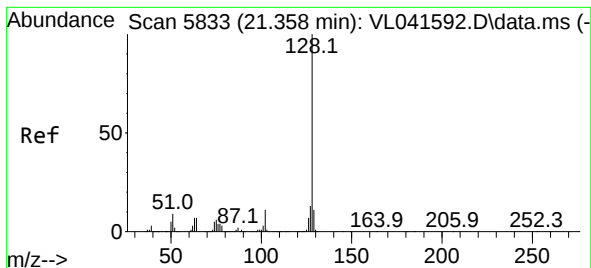


#78
Hexachloro-1,3-Butadiene
Concen: 8.455 ppbv
RT: 22.619 min Scan# 6225
Delta R.T. 0.010 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30



Tgt Ion:225 Resp: 1397488
Ion Ratio Lower Upper
225 100
223 63.9 50.6 75.8
227 65.0 50.9 76.3





#79

Naphthalene

Concen: 11.803 ppbv

RT: 21.368 min Scan# 5833

Delta R.T. 0.010 min

Lab File: VL041620.D

Acq: 25 Sep 2024 12:30

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:128 Resp: 2813190

Ion Ratio Lower Upper

128 100

127 12.3 10.1 15.1

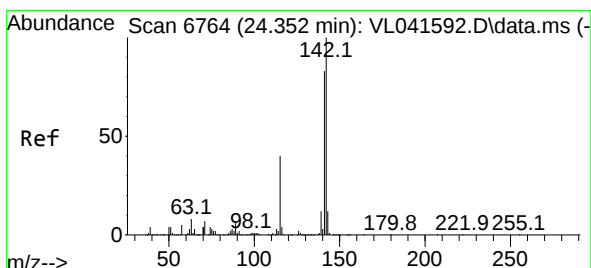
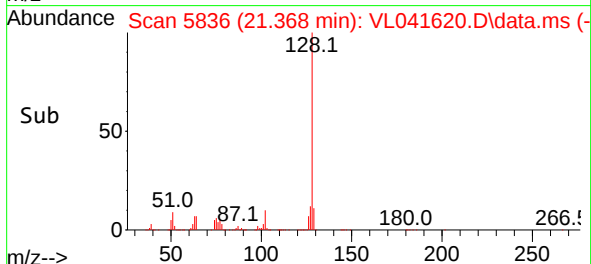
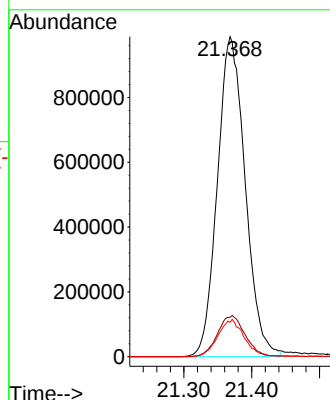
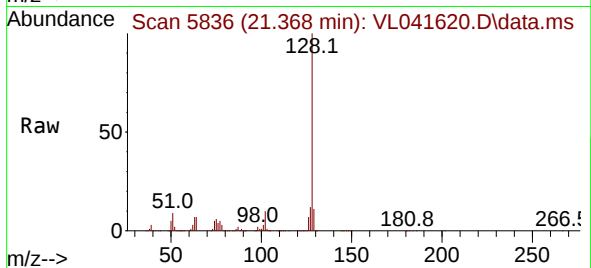
129 10.7 9.1 13.7

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Reviewed By :Semsettin Yesilyurt 09/26/2024

Supervised By :Mahesh Dadoda 09/26/2024



#80

Naphthalene,2-methyl-

Concen: 6.734 ppbv

RT: 24.365 min Scan# 6768

Delta R.T. 0.013 min

Lab File: VL041620.D

Acq: 25 Sep 2024 12:30

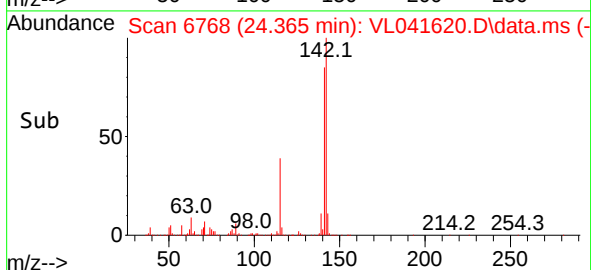
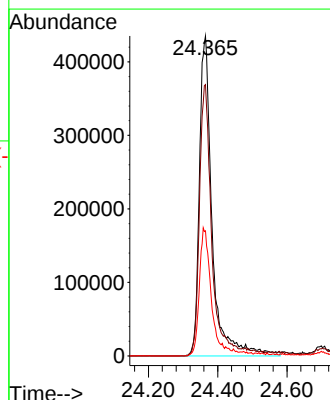
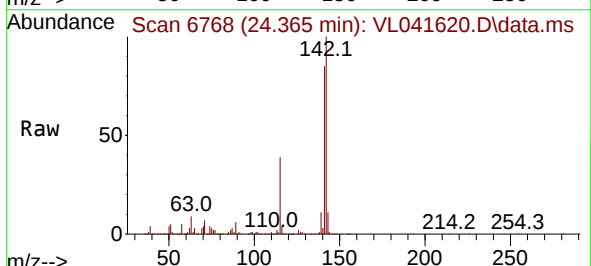
Tgt Ion:142 Resp: 1124692

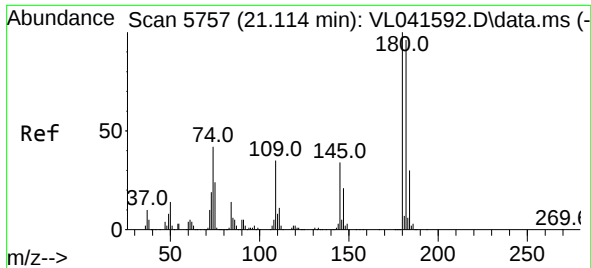
Ion Ratio Lower Upper

142 100

141 83.7 66.3 99.5

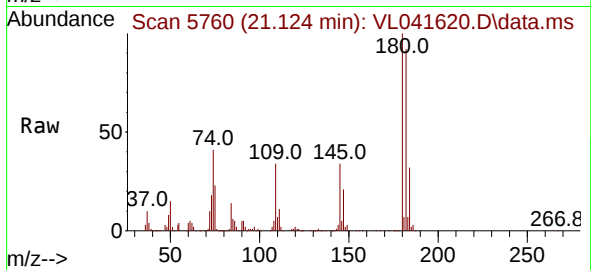
115 39.3 31.4 47.2





#81
 1,2,4-Trichlorobenzene
 Concen: 9.727 ppbv
 RT: 21.124 min Scan# 51
 Delta R.T. 0.010 min
 Lab File: VL041620.D
 Acq: 25 Sep 2024 12:30

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:180 Resp: 1473870

Ion	Ratio	Lower	Upper
180	100		
182	96.7	76.5	114.7
184	31.0	24.7	37.1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/26/2024
 Supervised By :Mahesh Dadoda 09/26/2024

