

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050824\
 Data File : VL041236.D
 Acq On : 8 May 2024 10:02
 Operator : SY/MD
 Sample : VL0508ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0508ABS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 05/09/2024
 Supervised By : Mahesh Dadoda 05/09/2024

Quant Time: May 09 02:50:06 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M

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

QLast Update : Thu May 09 02:43:03 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.211	49	874595	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.677	114	2289294	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.491	117	2210617m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.799 95 1694627 10.154 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 101.500%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.745	85	1233896	10.430	ppbv	100
3) Chlorodifluoromethane	2.690	51	1377481	10.370	ppbv	98
4) Chloromethane	2.829	50	525465	10.081	ppbv	92
5) Vinyl Chloride	2.935	62	544008	10.390	ppbv	98
6) Bromomethane	3.137	94	198516	10.391	ppbv	89
7) Chloroethane	3.214	64	186046	10.064	ppbv	97
8) Dichlorotetrafluoroethane	2.874	85	1244802	10.166	ppbv	96
9) Propene	2.710	41	480127	9.236	ppbv	97
10) Heptane	7.603	43	1224767	9.725	ppbv	100
11) Trichlorofluoromethane	3.581	101	1308364	10.882	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.083	101	918389	10.329	ppbv	99
13) Ethanol	3.253	45	124372	10.673	ppbv	97
14) Bromoethene	3.382	108	373282	10.173	ppbv	98
15) Acetone	3.484	43	977469	9.470	ppbv	98
16) 1,3-Butadiene	3.002	39	542373	10.409	ppbv	97
17) tert-Butyl alcohol	3.896	59	968738	8.700	ppbv	97
18) 1,1-Dichloroethene	3.899	96	424056	10.697	ppbv	94
19) Isopropyl Alcohol	3.591	45	729455	10.770	ppbv #	44
20) Methylene Chloride	3.951	84	350984	9.778	ppbv	97
21) Allyl Chloride	4.015	41	666304	9.900	ppbv	97
22) trans-1,2-Dichloroethene	4.465	96	423312	10.268	ppbv	98
23) Vinyl Acetate	4.645	43	1134589	9.982	ppbv	98
24) 1,1-Dichloroethane	4.584	63	925759	10.475	ppbv	99
25) Ethyl Acetate	5.224	43	2034954	9.877	ppbv	100
26) Hexane	5.234	57	895096	9.736	ppbv	98
27) Carbon Disulfide	4.144	76	1109363	10.193	ppbv	98
28) Methyl tert-Butyl Ether	4.603	73	685703	9.367	ppbv	100
29) Chloroform	5.295	83	1372227	10.819	ppbv	96
30) Cyclohexane	6.623	84	749919	10.304	ppbv	98
31) cis-1,2-Dichloroethene	5.099	61	901674	10.476	ppbv	96
32) 1,1,1-Trichloroethane	6.025	97	1348635	10.657	ppbv	99
34) 2-Butanone	4.806	43	1145997	9.835	ppbv	99
35) Carbon Tetrachloride	6.516	117	1378966	10.733	ppbv	99
36) Benzene	6.394	78	1881913	9.796	ppbv	98
37) 1,2-Dichloroethane	5.828	62	1067398	10.649	ppbv	100
38) Trichloroethene	7.314	130	730520	10.204	ppbv	96
39) 1,2-Dichloropropane	7.098	63	733279	9.904	ppbv	98
40) 1,4-Dioxane	7.307	88	308583	11.666	ppbv	76
41) Tetrahydrofuran	5.578	42	797948	9.460	ppbv	99
42) Bromodichloromethane	7.272	83	1550256	10.784	ppbv	99
43) Methyl Methacrylate	7.497	69	771221	9.925	ppbv	99
44) 2,2,4-Trimethylpentane	7.349	57	3170639	9.572	ppbv	100
45) t-1,3-Dichloropropene	8.735	75	577297	10.253	ppbv	97

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Manual Integrations
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 Supervised By : Mahesh Dadoda 05/09/2024

Quant Time: May 09 02:50:06 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M

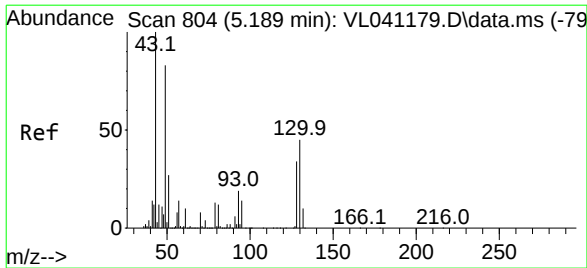
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Thu May 09 02:43:03 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.169	75	696153	10.099	ppbv	97
47) 1,1,2-Trichloroethane	8.922	97	769039	10.378	ppbv	98
48) Dibromochloromethane	9.735	129	1285252	10.885	ppbv	98
49) Bromoform	12.436	173	1081773	10.770	ppbv	100
50) 4-Methyl-2-Pentanone	8.205	43	1999163	9.560	ppbv	100
51) 2-Hexanone	9.574	43	1468322	9.467	ppbv #	98
52) Tetrachloroethene	10.642	164	665018	9.849	ppbv	97
53) Toluene	9.243	91	2207083	9.908	ppbv	99
54) 1,2-Dibromoethane	10.034	107	1069283	10.653	ppbv	96
56) 1,1,1,2-Tetrachloroethane	11.532	131	941477	10.503	ppbv	98
57) Chlorobenzene	11.552	112	1646115	10.168	ppbv	95
58) Ethyl Benzene	12.114	91	2947414	9.724	ppbv	98
59) m/p-Xylene	12.394	91	4979965m	19.548	ppbv	
60) o-Xylene	13.085	91	2339788	9.798	ppbv	99
61) Styrene	12.925	104	1285950	10.194	ppbv	99
62) Isopropylbenzene	14.056	105	3512099	9.832	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.073	83	1638403	10.065	ppbv	99
64) n-propylbenzene	14.941	120	923460	10.363	ppbv	98
65) tert-Butylbenzene	16.114	119	3063874	9.577	ppbv	99
66) Benzyl Chloride	16.352	91	270786m	7.477	ppbv	
67) sec-Butylbenzene	16.661	105	4396817	9.763	ppbv	98
69) p-Isopropyltoluene	17.021	119	3660835	9.864	ppbv	100
70) n-Butylbenzene	17.912	91	3829495	9.880	ppbv	99
71) 2-Chlorotoluene	14.825	91	2706191	9.950	ppbv	98
72) 4-Ethyltoluene	15.217	105	2818445	10.420	ppbv	99
73) 1,3,5-Trimethylbenzene	15.378	105	2472212	10.102	ppbv	99
74) 1,2,4-Trimethylbenzene	16.133	105	2709778	10.138	ppbv	99
75) 1,3-Dichlorobenzene	16.359	146	1605394	10.474	ppbv	99
76) 1,4-Dichlorobenzene	16.497	146	1560486	10.587	ppbv	99
77) 1,2-Dichlorobenzene	17.169	146	1562725	10.200	ppbv	98
78) Hexachloro-1,3-Butadiene	22.664	225	1109777	8.150	ppbv	99
79) Naphthalene	21.413	128	2727645m	10.716	ppbv	
80) Naphthalene,2-methyl-	24.397	142	880079	8.595	ppbv	98
81) 1,2,4-Trichlorobenzene	21.165	180	1303207	9.696	ppbv	100

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



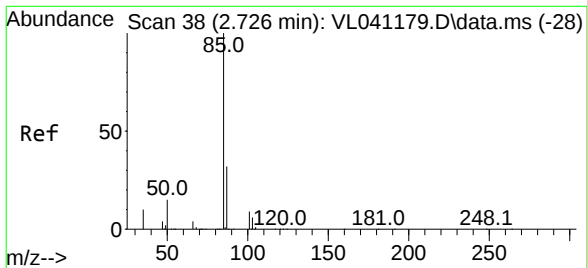
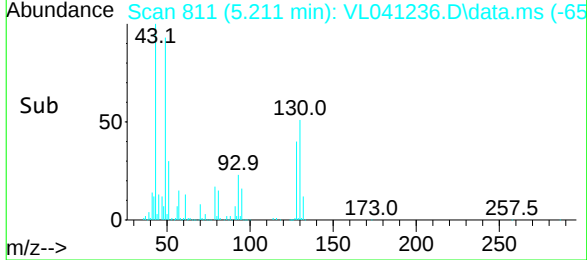
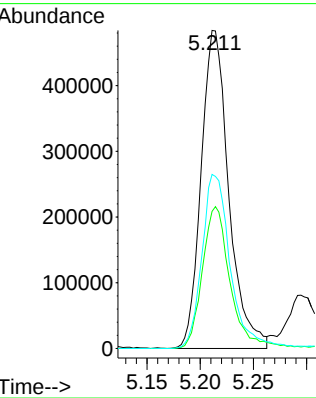
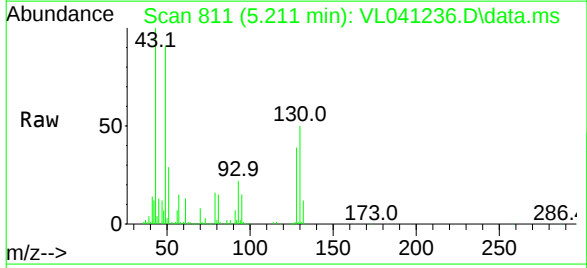
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.211 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL041236.D
Acq: 8 May 2024 10:02

Instrument :
MSVOA_L
ClientSampleId :
VL0508ABS01

Tgt Ion: 49 Resp: 874595
Ion Ratio Lower Upper
49 100
128 45.4 21.5 64.5
130 57.8 27.2 81.6

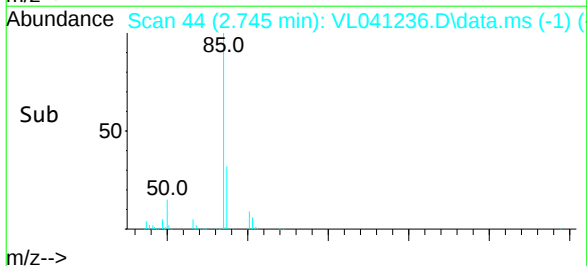
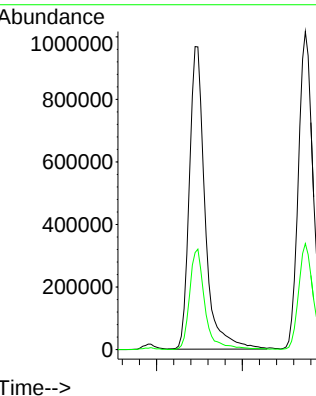
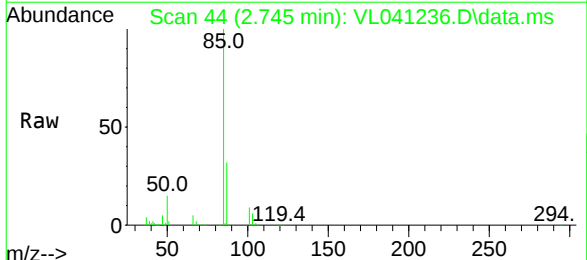
Manual Integrations
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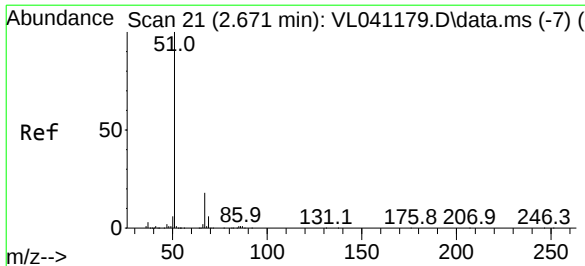
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#2
Dichlorodifluoromethane
Concen: 10.430 ppbv
RT: 2.745 min Scan# 44
Delta R.T. -0.000 min
Lab File: VL041236.D
Acq: 8 May 2024 10:02

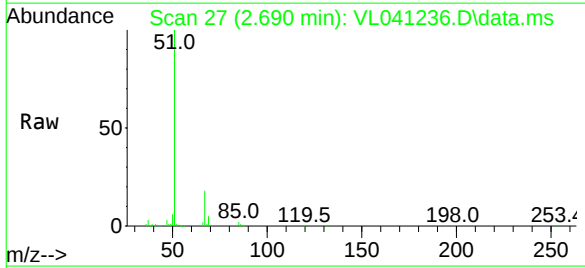
Tgt Ion: 85 Resp: 1233896
Ion Ratio Lower Upper
85 100
87 32.0 25.7 38.5





#3
Chlorodifluoromethane
Concen: 10.370 ppbv
RT: 2.690 min Scan# 27
Delta R.T. -0.000 min
Lab File: VL041236.D
Acq: 8 May 2024 10:02

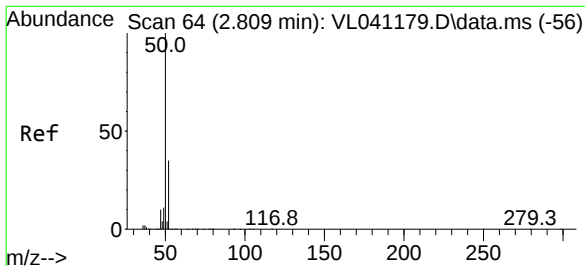
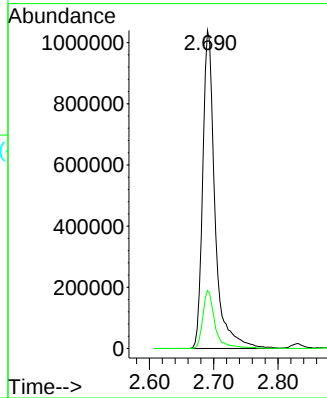
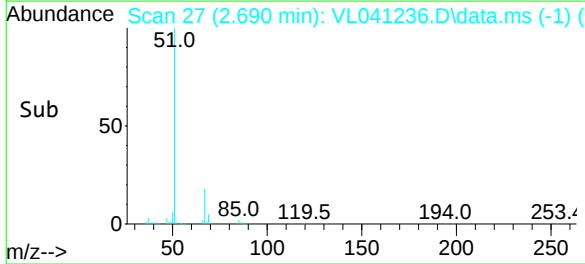
Instrument :
MSVOA_L
ClientSampleId :
VL0508ABS01



Tgt Ion: 51 Resp: 1377481
Ion Ratio Lower Upper
51 100
67 18.2 14.0 21.0

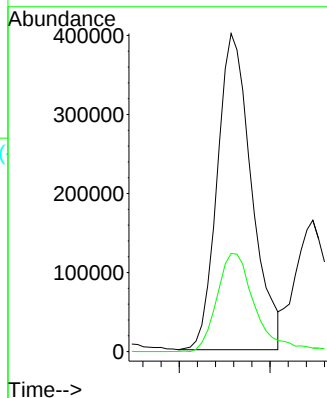
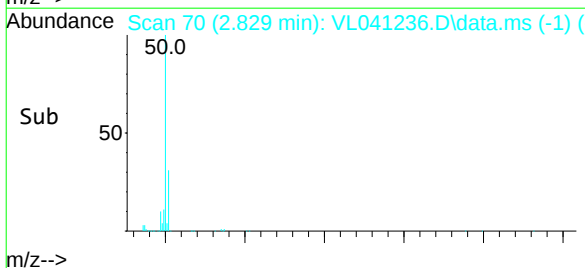
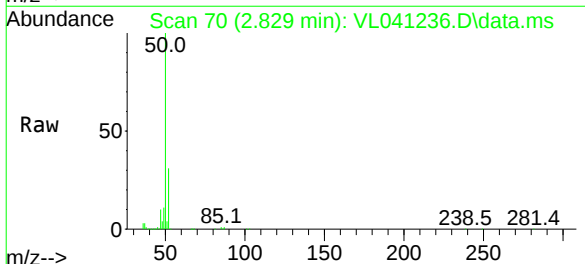
Manual Integrations
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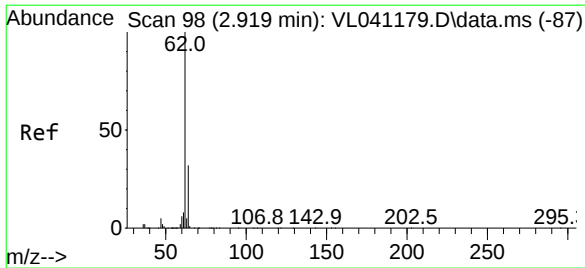
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#4
Chloromethane
Concen: 10.081 ppbv
RT: 2.829 min Scan# 70
Delta R.T. -0.003 min
Lab File: VL041236.D
Acq: 8 May 2024 10:02

Tgt Ion: 50 Resp: 525465
Ion Ratio Lower Upper
50 100
52 31.0 28.3 42.5





#5
 Vinyl Chloride
 Concen: 10.390 ppbv
 RT: 2.935 min Scan# 103
 Delta R.T. -0.003 min
 Lab File: VL041236.D
 Acq: 8 May 2024 10:02

Instrument :

MSVOA_L

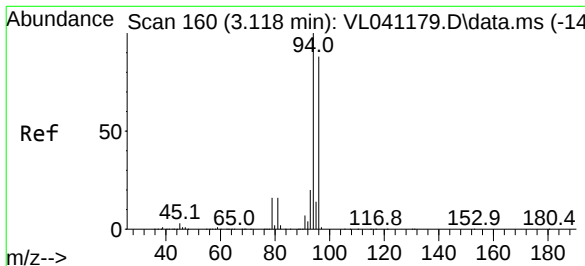
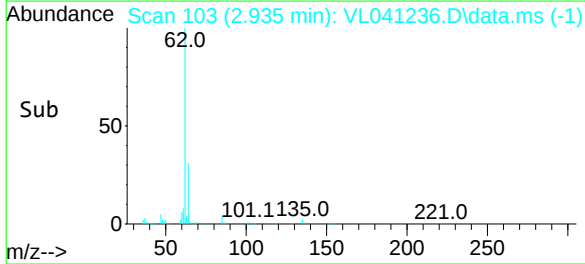
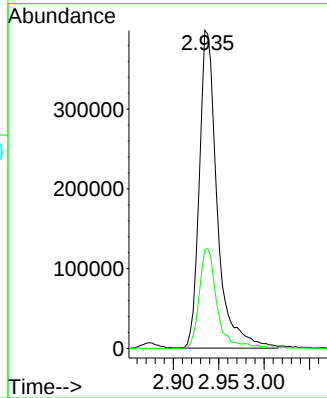
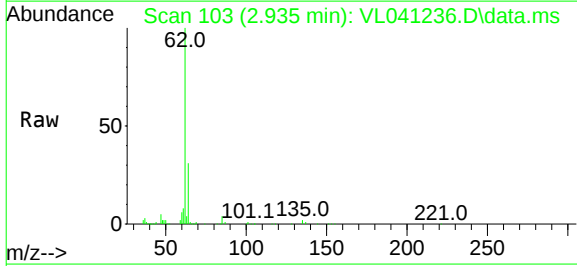
ClientSampleId :

VL0508ABS01

Tgt Ion: 62 Resp: 544008
 Ion Ratio Lower Upper
 62 100
 64 31.1 25.7 38.5

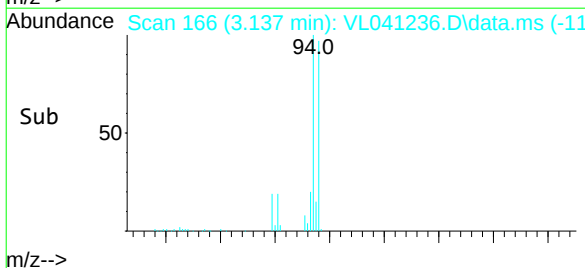
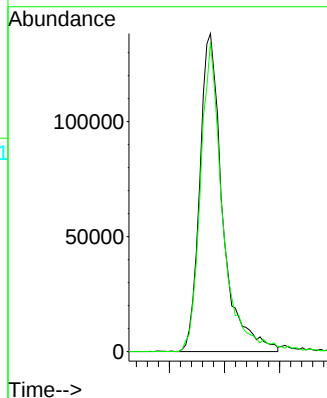
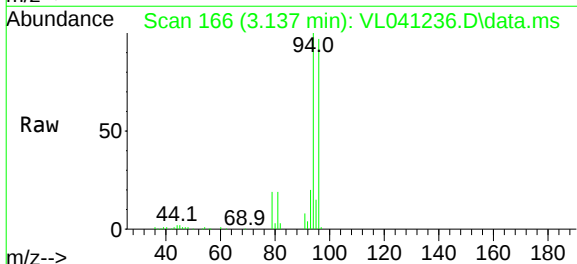
Manual Integrations
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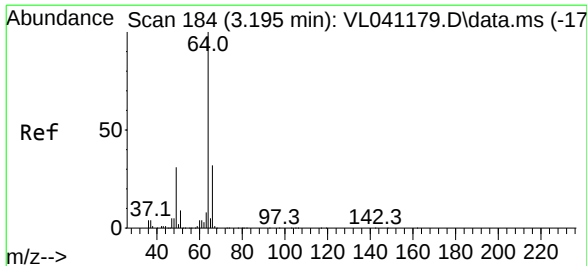
Reviewed By :Semsettin Yesilyurt 05/09/2024
 Supervised By :Mahesh Dadoda 05/09/2024



#6
 Bromomethane
 Concen: 10.391 ppbv
 RT: 3.137 min Scan# 166
 Delta R.T. -0.000 min
 Lab File: VL041236.D
 Acq: 8 May 2024 10:02

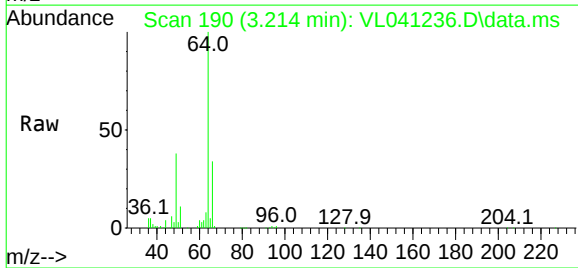
Tgt Ion: 94 Resp: 198516
 Ion Ratio Lower Upper
 94 100
 96 97.4 70.1 105.1





#7
Chloroethane
Concen: 10.064 ppbv
RT: 3.214 min Scan# 19
Delta R.T. -0.000 min
Lab File: VL041236.D
Acq: 8 May 2024 10:02

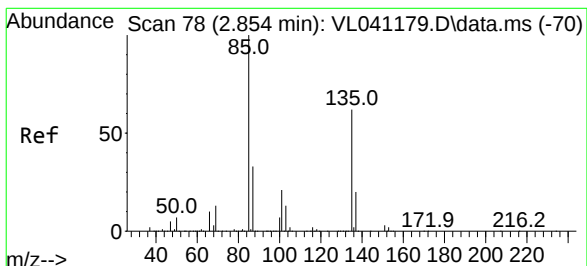
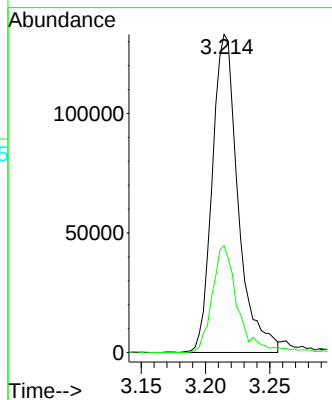
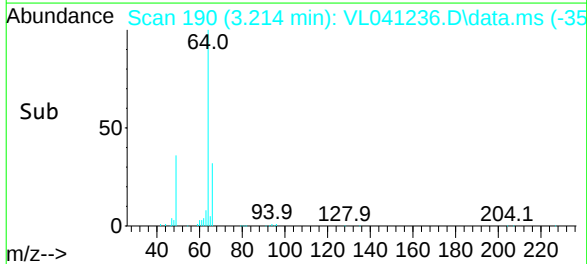
Instrument :
MSVOA_L
ClientSampleId :
VL0508ABS01



Tgt Ion: 64 Resp: 186046
Ion Ratio Lower Upper
64 100
66 33.5 25.4 38.2

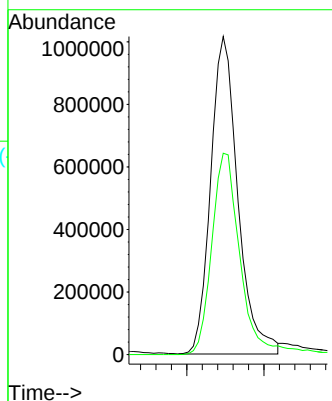
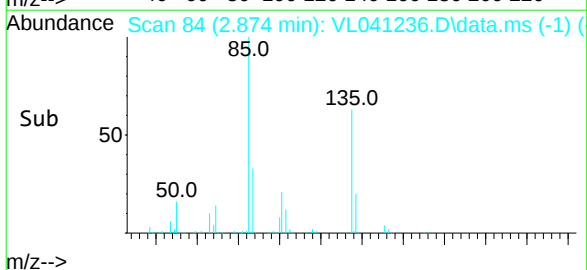
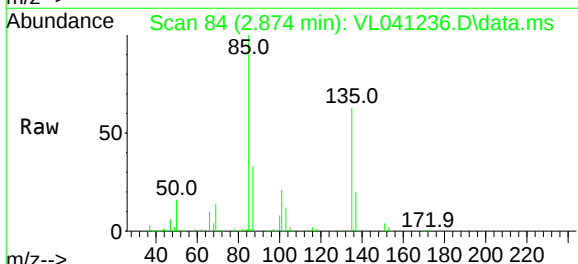
Manual Integrations
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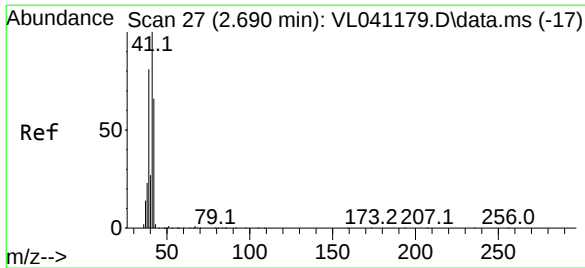
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#8
Dichlorotetrafluoroethane
Concen: 10.166 ppbv
RT: 2.874 min Scan# 84
Delta R.T. -0.000 min
Lab File: VL041236.D
Acq: 8 May 2024 10:02

Tgt Ion: 85 Resp: 1244802
Ion Ratio Lower Upper
85 100
135 67.5 51.5 77.3





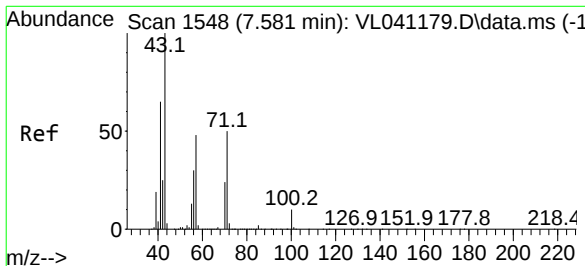
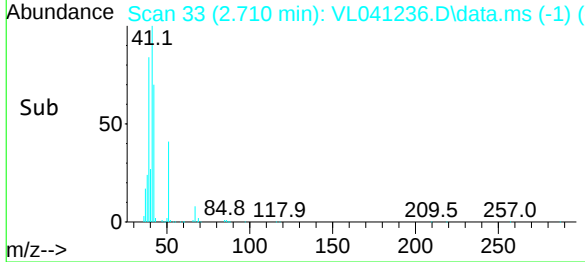
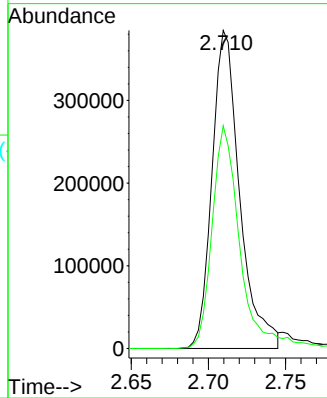
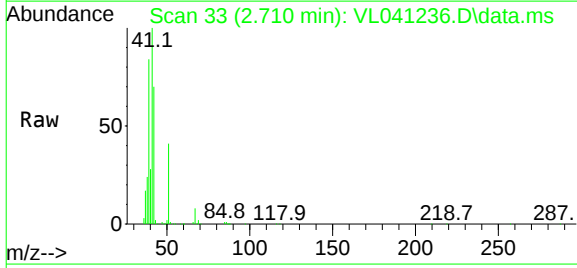
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Propene
Concen: 9.236 ppbv
RT: 2.710 min Scan# 33
Delta R.T. -0.000 min
Lab File: VL041236.D
Acq: 8 May 2024 10:02

Instrument :
MSVOA_L
ClientSampleId :
VL0508ABS01

Tgt Ion: 41 Resp: 480127
Ion Ratio Lower Upper
41 100
42 71.4 55.3 82.9

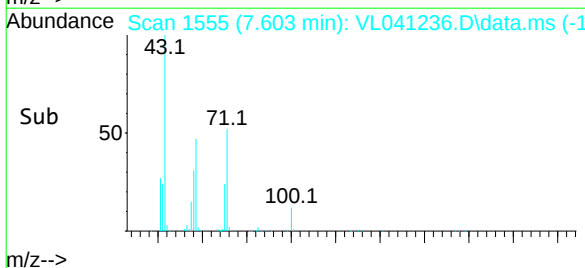
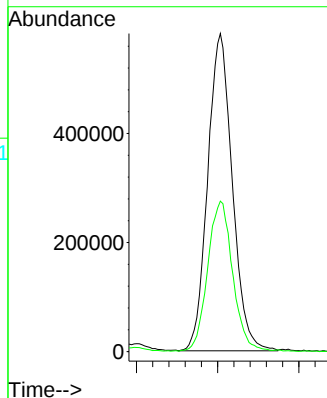
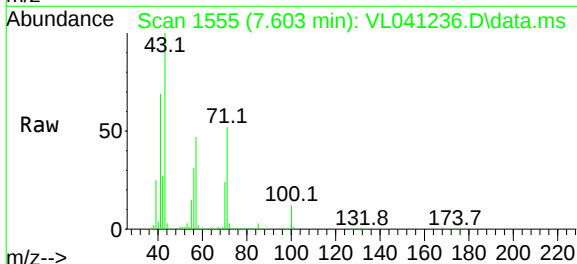
Manual Integrations
APPROVED

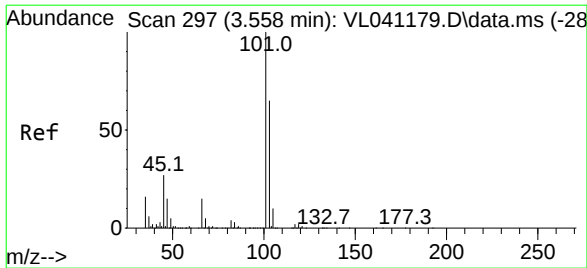
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#10
Heptane
Concen: 9.725 ppbv
RT: 7.603 min Scan# 1555
Delta R.T. 0.003 min
Lab File: VL041236.D
Acq: 8 May 2024 10:02

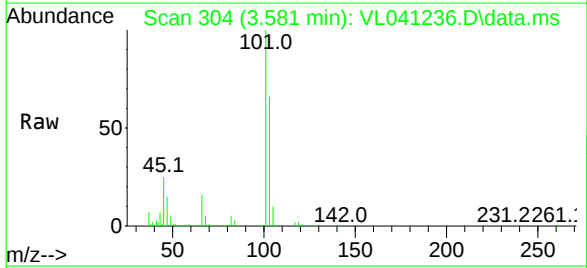
Tgt Ion: 43 Resp: 1224767
Ion Ratio Lower Upper
43 100
57 48.3 38.7 58.1





#11
Trichlorofluoromethane
Concen: 10.882 ppbv
RT: 3.581 min Scan# 304
Delta R.T. -0.000 min
Lab File: VL041236.D
Acq: 8 May 2024 10:02

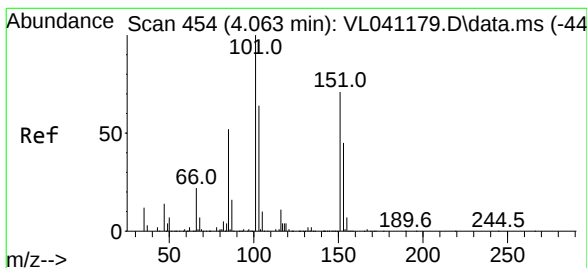
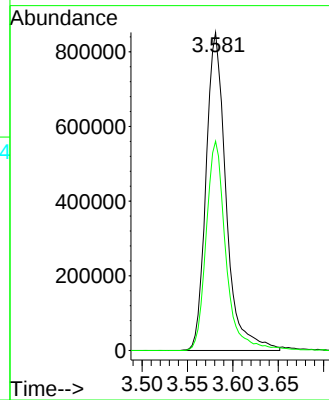
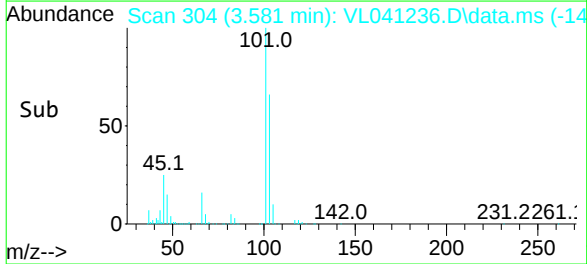
Instrument :
MSVOA_L
ClientSampleId :
VL0508ABS01



Tgt Ion:101 Resp: 1308364
Ion Ratio Lower Upper
101 100
103 65.8 51.6 77.4

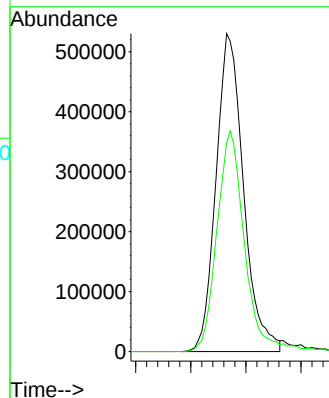
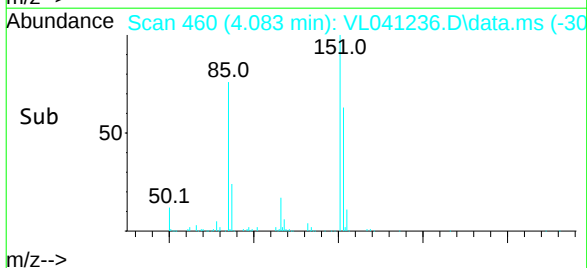
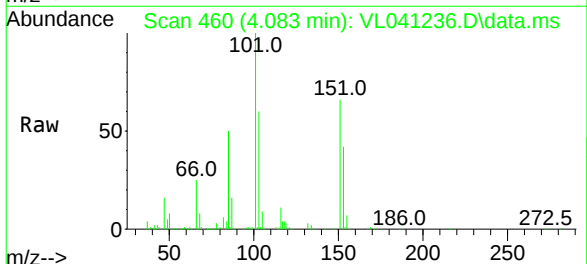
Manual Integrations
APPROVED

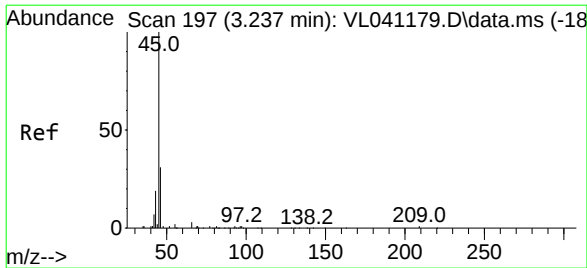
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.329 ppbv
RT: 4.083 min Scan# 460
Delta R.T. -0.000 min
Lab File: VL041236.D
Acq: 8 May 2024 10:02

Tgt Ion:101 Resp: 918389
Ion Ratio Lower Upper
101 100
151 70.1 56.8 85.2





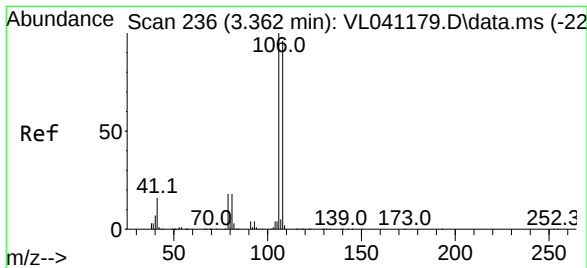
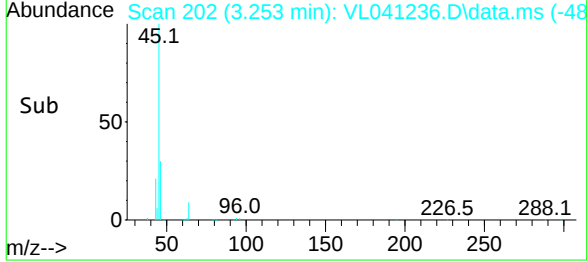
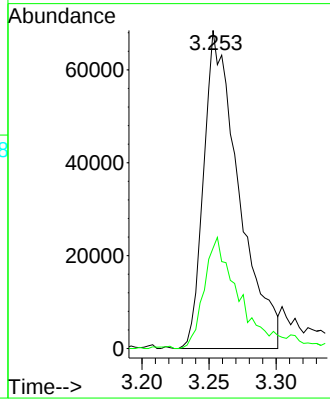
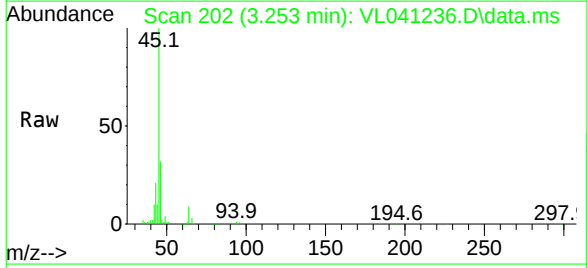
#13
Ethanol
Concen: 10.673 ppbv
RT: 3.253 min Scan# 20
Delta R.T. -0.003 min
Lab File: VL041236.D
Acq: 8 May 2024 10:02

Instrument :
MSVOA_L
ClientSampleId :
VL0508ABS01

Tgt Ion: 45 Resp: 124372
Ion Ratio Lower Upper
45 100
46 38.4 14.8 59.0

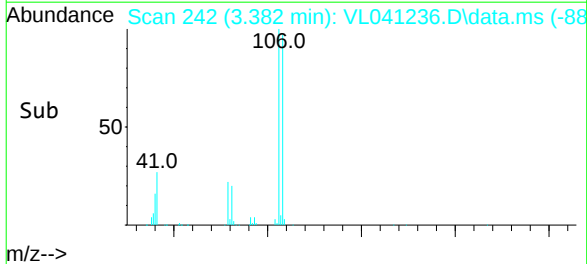
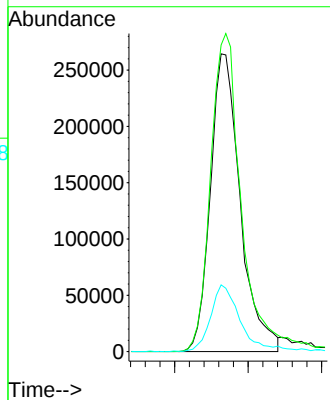
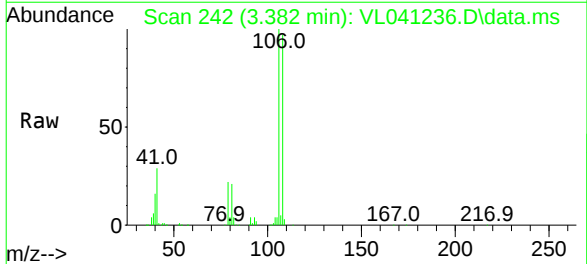
Manual Integrations
APPROVED

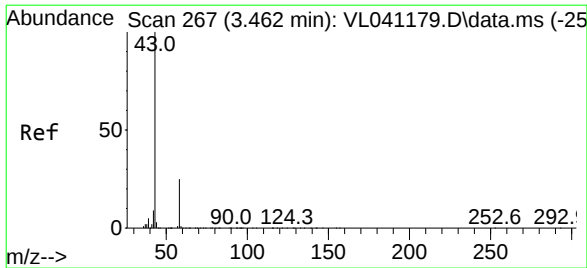
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#14
Bromoethene
Concen: 10.173 ppbv
RT: 3.382 min Scan# 242
Delta R.T. -0.003 min
Lab File: VL041236.D
Acq: 8 May 2024 10:02

Tgt Ion:108 Resp: 373282
Ion Ratio Lower Upper
108 100
106 112.5 88.2 132.4
79 23.3 17.4 26.0





#15

Acetone

Concen: 9.470 ppbv

RT: 3.484 min Scan# 27

Delta R.T. -0.000 min

Lab File: VL041236.D

Acq: 8 May 2024 10:02

Instrument :

MSVOA_L

ClientSampleId :

VL0508ABS01

Tgt Ion: 43 Resp: 977469

Ion Ratio Lower Upper

43 100

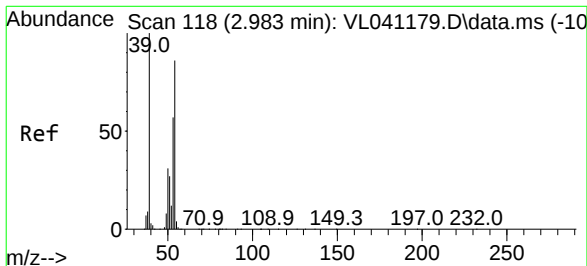
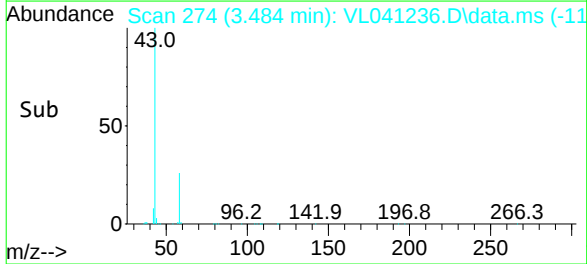
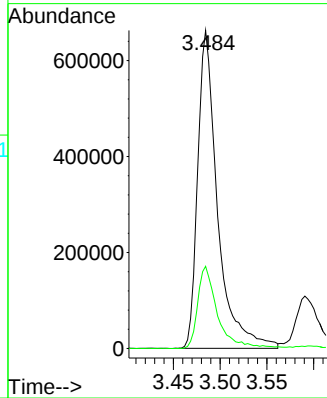
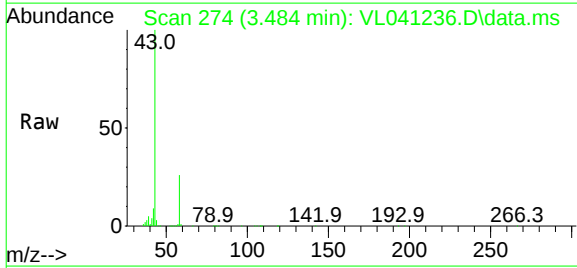
58 25.8 21.4 32.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#16

1,3-Butadiene

Concen: 10.409 ppbv

RT: 3.002 min Scan# 124

Delta R.T. -0.000 min

Lab File: VL041236.D

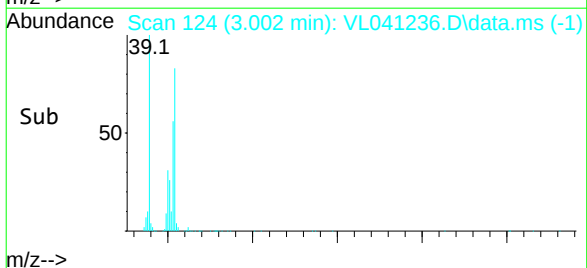
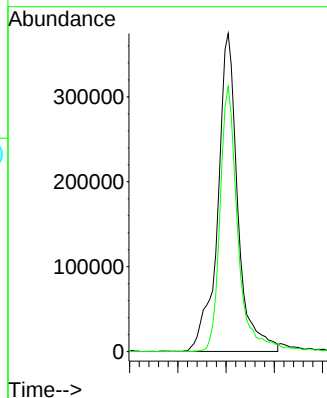
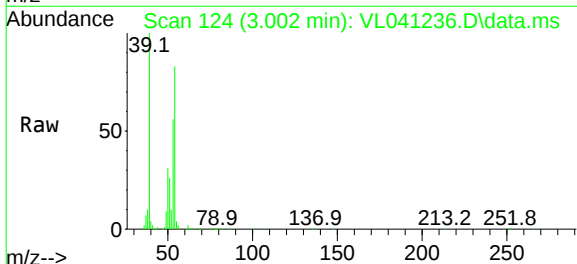
Acq: 8 May 2024 10:02

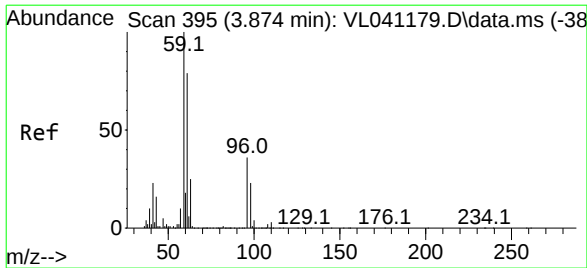
Tgt Ion: 39 Resp: 542373

Ion Ratio Lower Upper

39 100

54 75.3 62.2 93.4





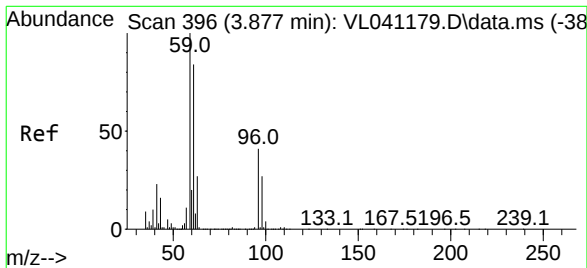
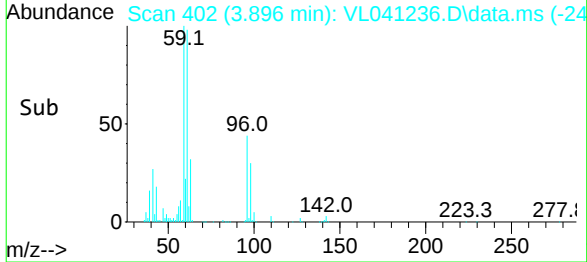
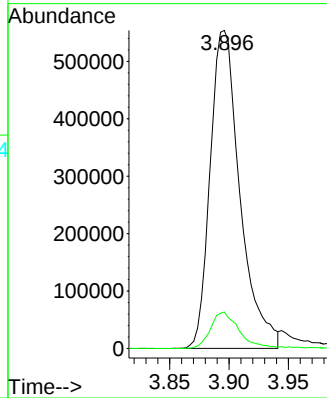
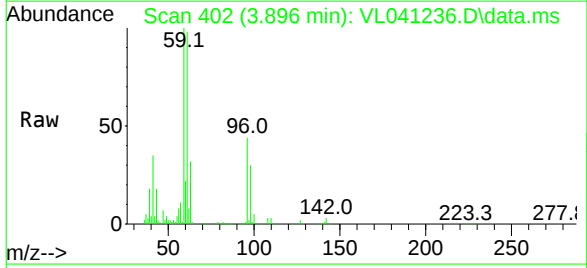
#17
tert-Butyl alcohol
Concen: 8.700 ppbv
RT: 3.896 min Scan# 402
Delta R.T. -0.000 min
Lab File: VL041236.D
Acq: 8 May 2024 10:02

Instrument :
MSVOA_L
ClientSampleId :
VL0508ABS01

Tgt Ion: 59 Resp: 968738
Ion Ratio Lower Upper
59 100
57 11.5 8.4 12.6

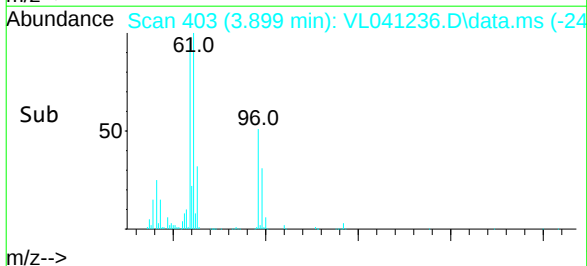
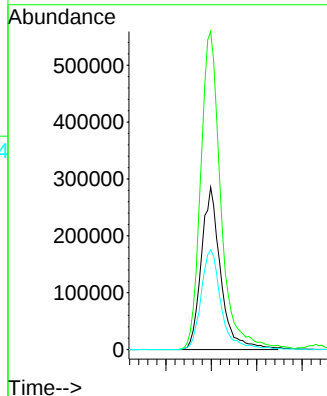
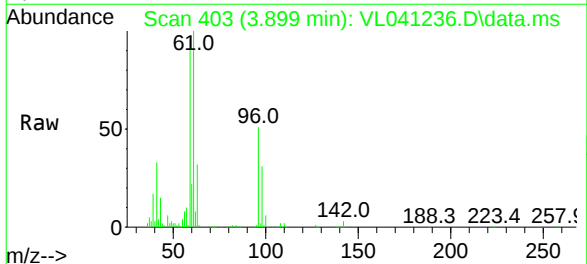
Manual Integrations
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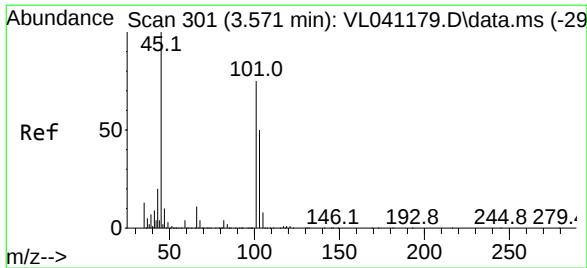
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#18
1,1-Dichloroethene
Concen: 10.697 ppbv
RT: 3.899 min Scan# 403
Delta R.T. 0.003 min
Lab File: VL041236.D
Acq: 8 May 2024 10:02

Tgt Ion: 96 Resp: 424056
Ion Ratio Lower Upper
96 100
61 195.7 164.4 246.6
98 61.5 51.8 77.8





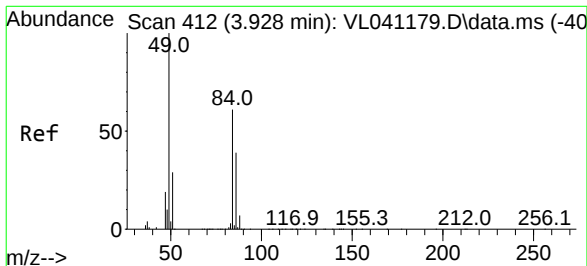
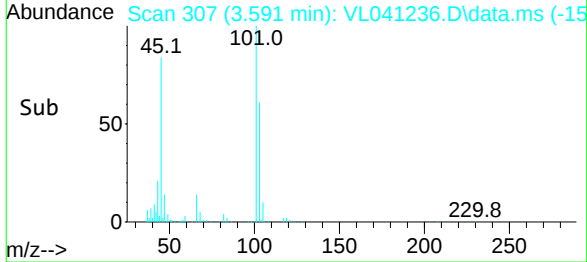
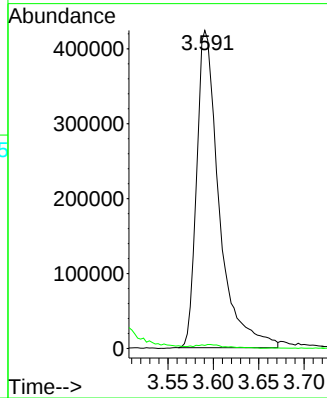
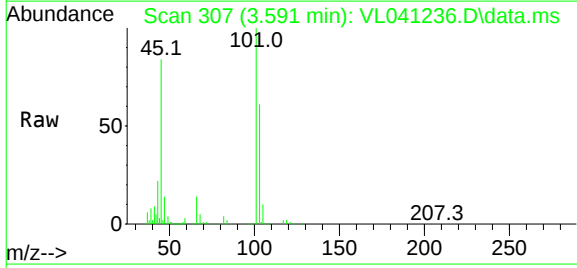
#19
Isopropyl Alcohol
Concen: 10.770 ppbv
RT: 3.591 min Scan# 301
Delta R.T. -0.000 min
Lab File: VL041236.D
Acq: 8 May 2024 10:02

Instrument :
MSVOA_L
ClientSampleId :
VL0508ABS01

Tgt Ion: 45 Resp: 729455
Ion Ratio Lower Upper
45 100
58 1.6 26.8 40.2#

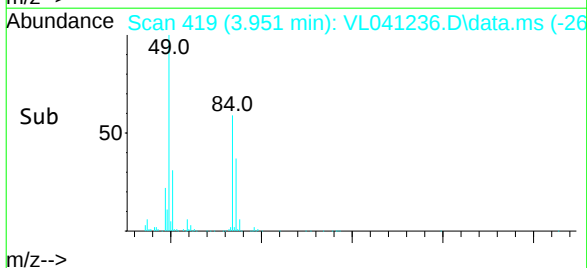
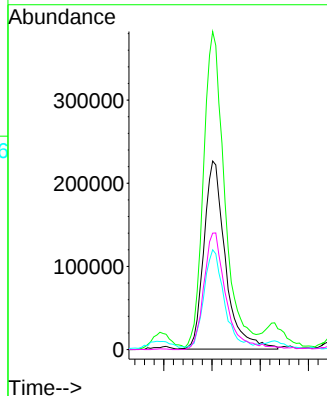
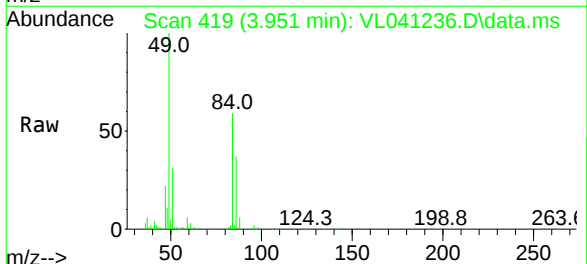
Manual Integrations
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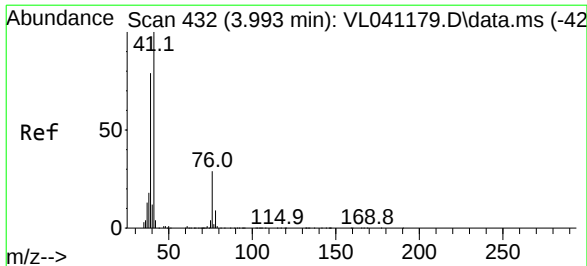
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#20
Methylene Chloride
Concen: 9.778 ppbv
RT: 3.951 min Scan# 419
Delta R.T. -0.000 min
Lab File: VL041236.D
Acq: 8 May 2024 10:02

Tgt Ion: 84 Resp: 350984
Ion Ratio Lower Upper
84 100
49 166.6 130.4 195.6
51 51.8 38.0 57.0
86 61.9 50.3 75.5





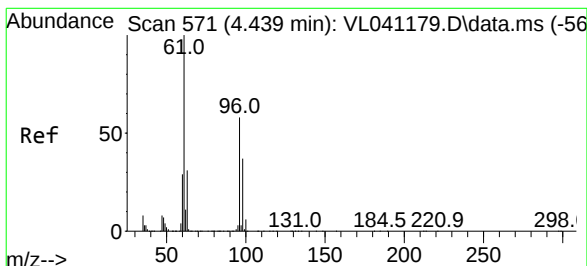
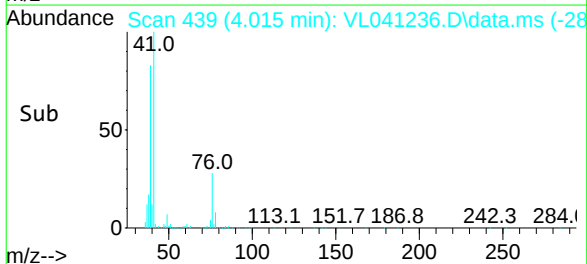
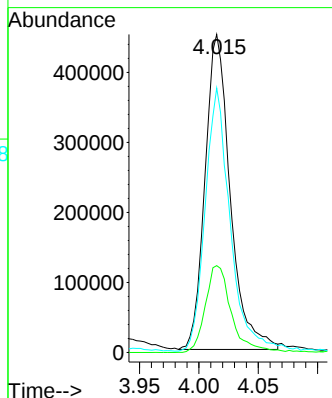
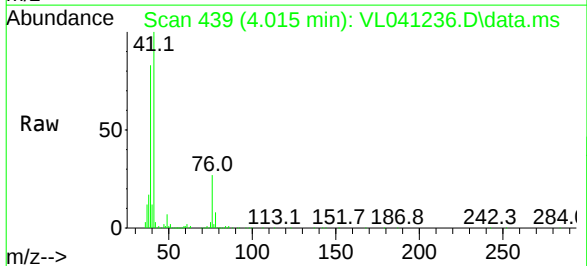
#21
 Allyl Chloride
 Concen: 9.900 ppbv
 RT: 4.015 min Scan# 43
 Delta R.T. -0.000 min
 Lab File: VL041236.D
 Acq: 8 May 2024 10:02

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0508ABS01

Tgt Ion:	41	Resp:	666304
Ion	Ratio	Lower	Upper
41	100		
76	28.7	23.7	35.5
39	84.0	64.7	97.1

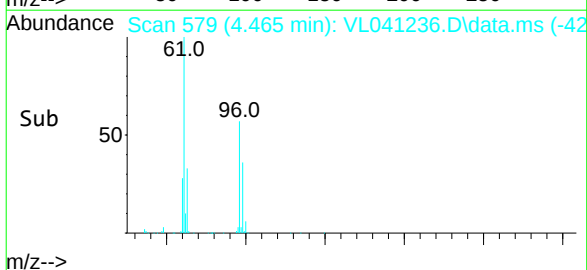
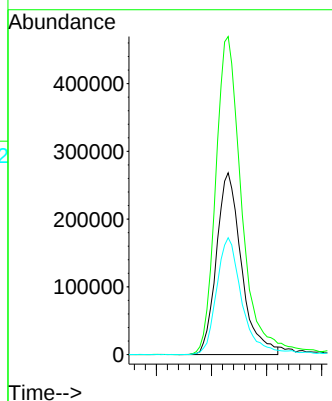
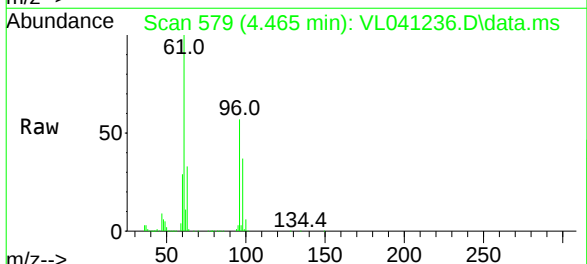
Manual Integrations
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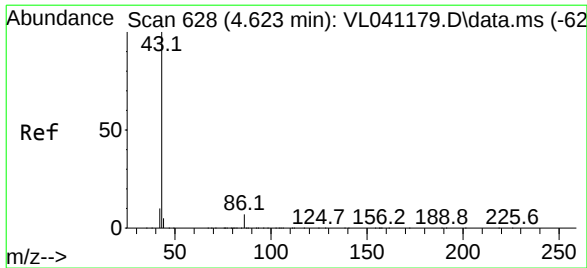
Reviewed By :Semsettin Yesilyurt 05/09/2024
 Supervised By :Mahesh Dadoda 05/09/2024



#22
 trans-1,2-Dichloroethene
 Concen: 10.268 ppbv
 RT: 4.465 min Scan# 579
 Delta R.T. 0.003 min
 Lab File: VL041236.D
 Acq: 8 May 2024 10:02

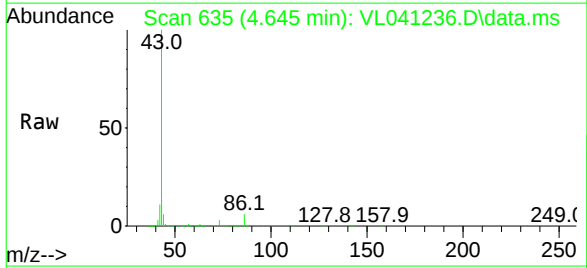
Tgt Ion:	96	Resp:	423312
Ion	Ratio	Lower	Upper
96	100		
61	175.0	137.6	206.4
98	64.3	50.6	76.0





#23
 Vinyl Acetate
 Concen: 9.982 ppbv
 RT: 4.645 min Scan# 63
 Delta R.T. -0.000 min
 Lab File: VL041236.D
 Acq: 8 May 2024 10:02

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0508ABS01

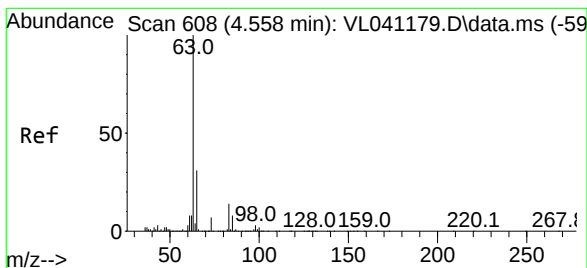
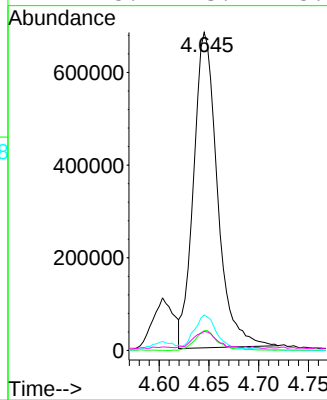
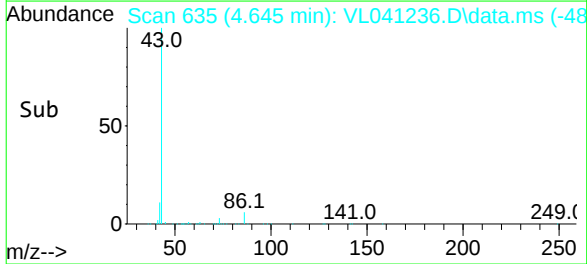


Tgt Ion: 43 Resp: 1134589

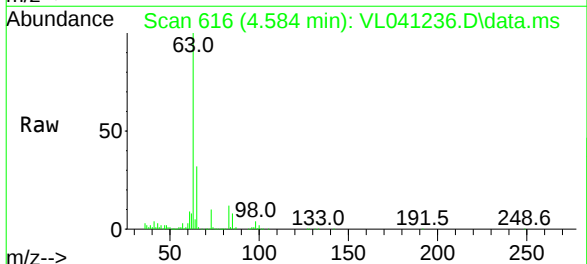
Ion	Ratio	Lower	Upper
43	100		
86	6.2	4.9	7.3
42	11.0	8.0	12.0
44	5.2	3.7	5.5

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 05/09/2024
 Supervised By :Mahesh Dadoda 05/09/2024

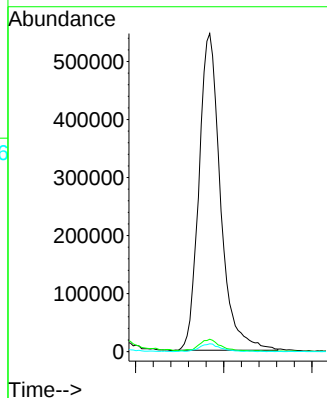
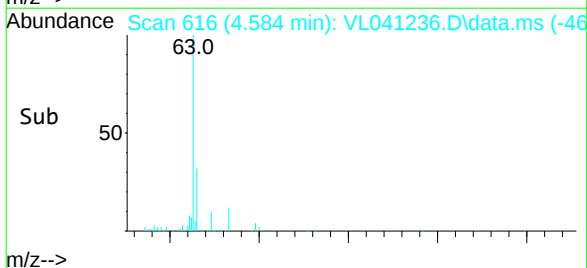


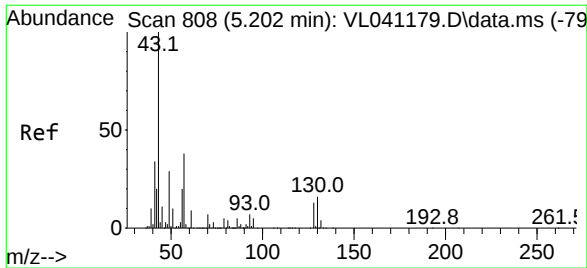
#24
 1,1-Dichloroethane
 Concen: 10.475 ppbv
 RT: 4.584 min Scan# 616
 Delta R.T. -0.000 min
 Lab File: VL041236.D
 Acq: 8 May 2024 10:02



Tgt Ion: 63 Resp: 925759

Ion	Ratio	Lower	Upper
63	100		
98	3.8	1.6	4.8
100	2.4	1.1	3.5





#25
Ethyl Acetate
Concen: 9.877 ppbv
RT: 5.224 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL041236.D
Acq: 8 May 2024 10:02

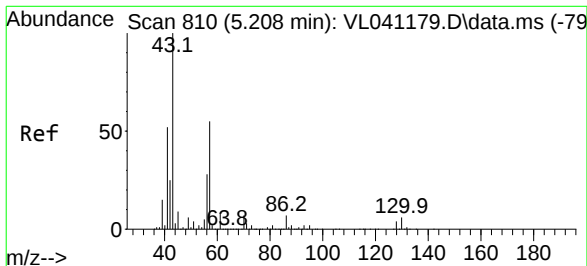
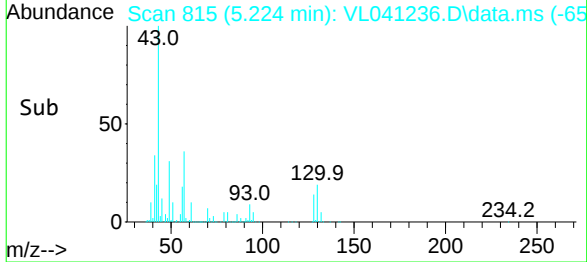
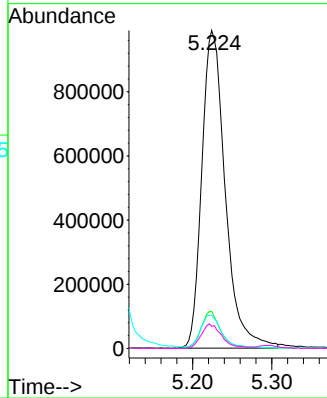
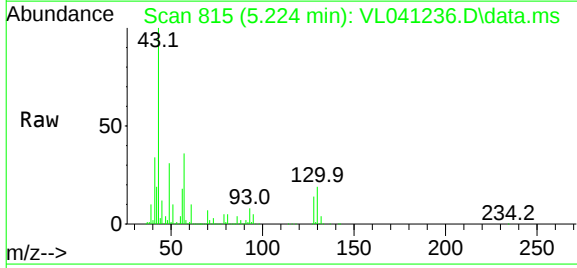
Instrument :
MSVOA_L
ClientSampleId :
VL0508ABS01

Tgt Ion: 43 Resp: 2034954

Ion	Ratio	Lower	Upper
43	100		
45	10.3	8.2	12.2
61	9.6	7.7	11.5
70	6.8	5.8	8.6

Manual Integrations
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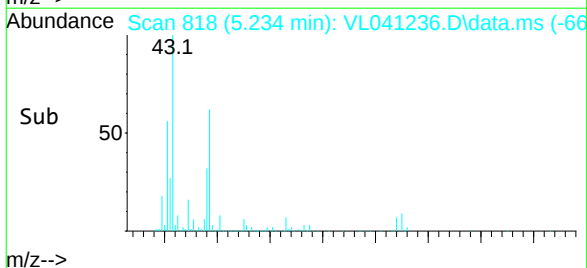
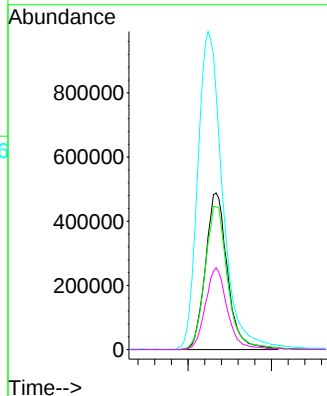
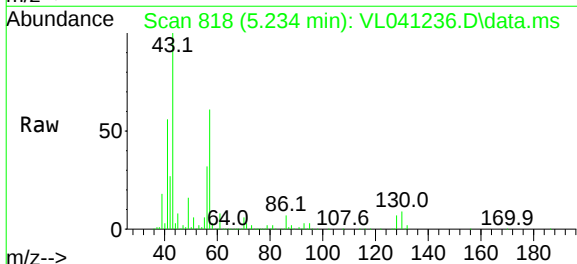
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024

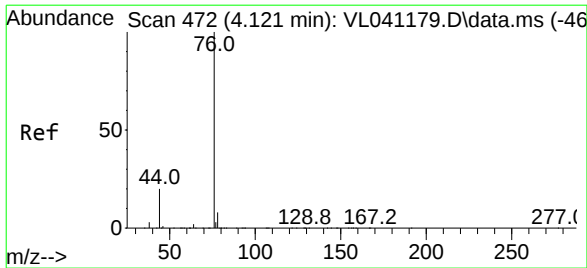


#26
Hexane
Concen: 9.736 ppbv
RT: 5.234 min Scan# 818
Delta R.T. 0.003 min
Lab File: VL041236.D
Acq: 8 May 2024 10:02

Tgt Ion: 57 Resp: 895096

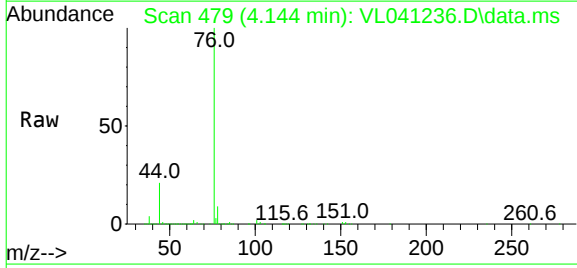
Ion	Ratio	Lower	Upper
57	100		
41	94.7	75.8	113.8
43	229.9	187.0	280.4
56	52.4	42.7	64.1





#27
Carbon Disulfide
Concen: 10.193 ppbv
RT: 4.144 min Scan# 47
Delta R.T. 0.003 min
Lab File: VL041236.D
Acq: 8 May 2024 10:02

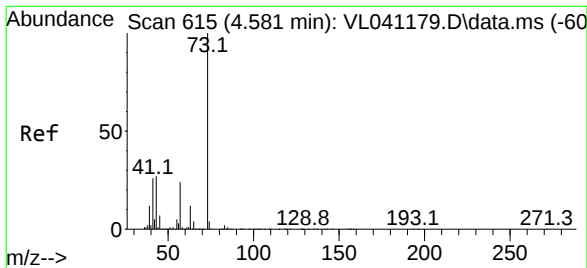
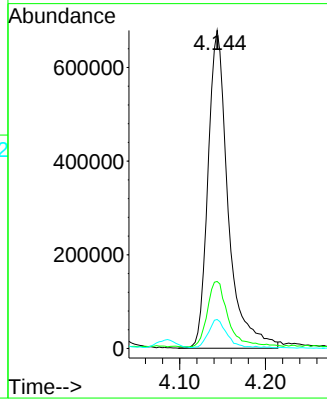
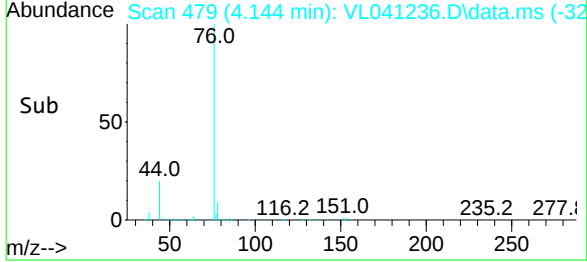
Instrument :
MSVOA_L
ClientSampleId :
VL0508ABS01



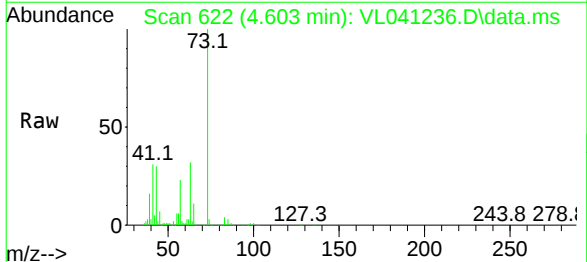
Tgt Ion: 76 Resp: 1109363
Ion Ratio Lower Upper
76 100
44 21.6 16.3 24.5
78 9.4 7.3 10.9

Manual Integrations
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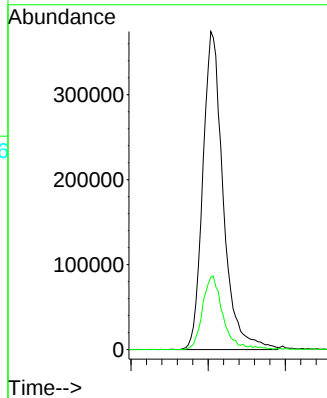
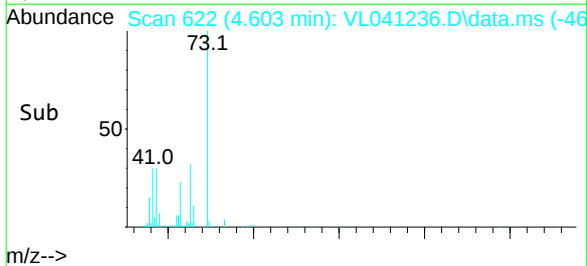
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024

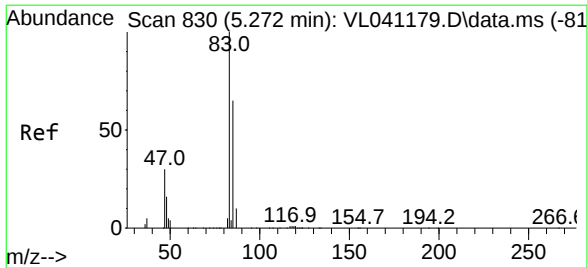


#28
Methyl tert-Butyl Ether
Concen: 9.367 ppbv
RT: 4.603 min Scan# 622
Delta R.T. -0.000 min
Lab File: VL041236.D
Acq: 8 May 2024 10:02



Tgt Ion: 73 Resp: 685703
Ion Ratio Lower Upper
73 100
57 23.5 18.8 28.2





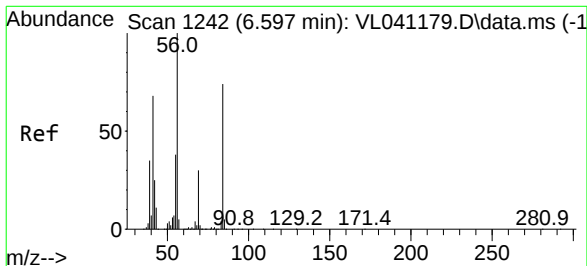
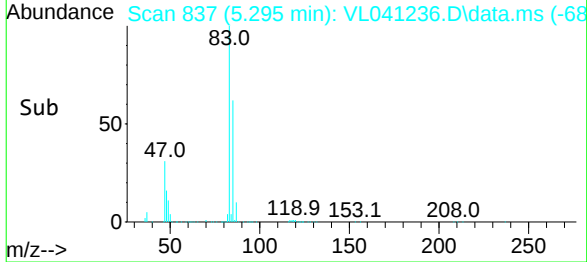
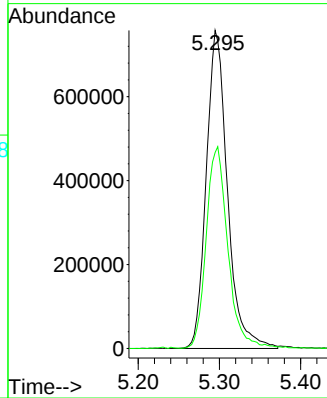
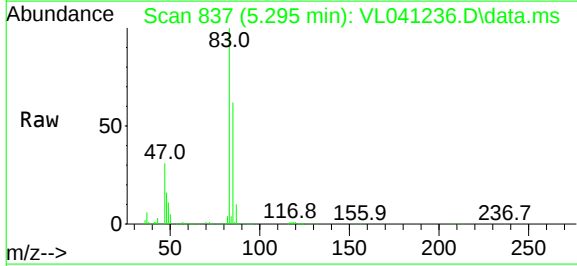
#29
Chloroform
Concen: 10.819 ppbv
RT: 5.295 min Scan# 83
Delta R.T. -0.000 min
Lab File: VL041236.D
Acq: 8 May 2024 10:02

Instrument :
MSVOA_L
ClientSampleId :
VL0508ABS01

Tgt Ion: 83 Resp: 1372227
Ion Ratio Lower Upper
83 100
85 61.5 51.7 77.5

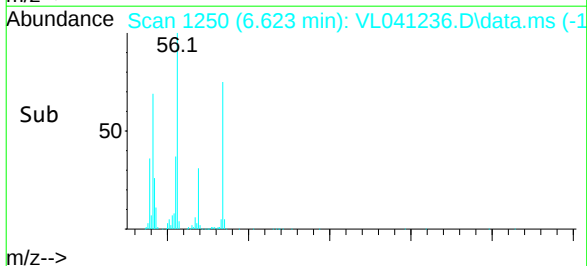
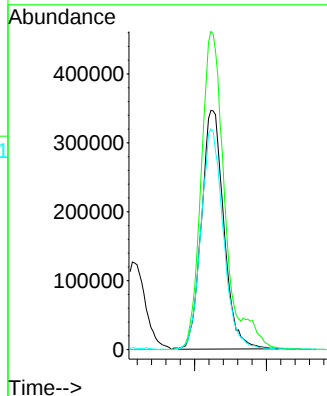
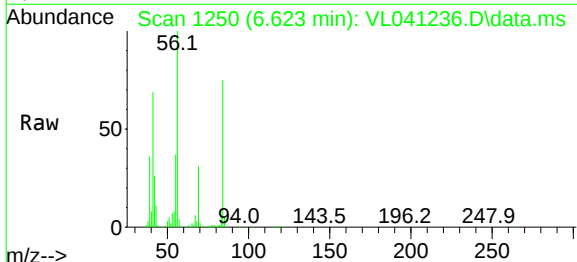
Manual Integrations
APPROVED

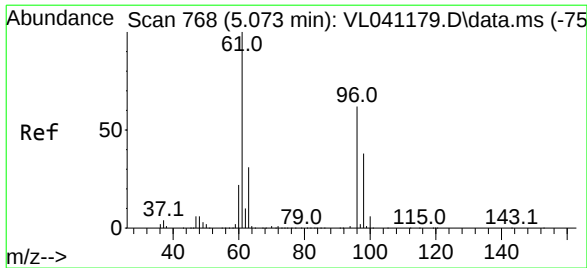
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#30
Cyclohexane
Concen: 10.304 ppbv
RT: 6.623 min Scan# 1250
Delta R.T. -0.000 min
Lab File: VL041236.D
Acq: 8 May 2024 10:02

Tgt Ion: 84 Resp: 749919
Ion Ratio Lower Upper
84 100
56 142.2 116.8 175.2
41 93.0 73.8 110.8





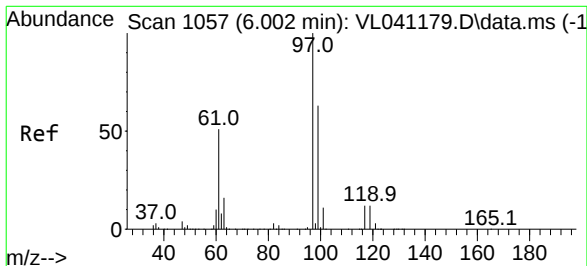
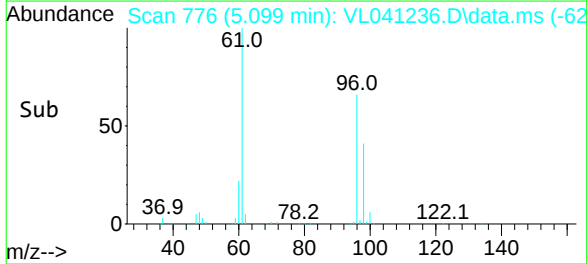
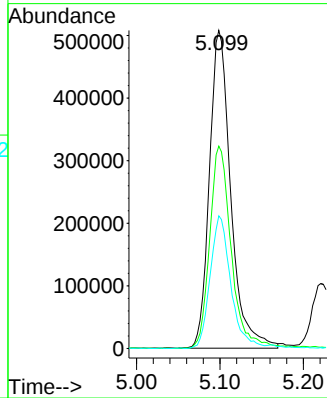
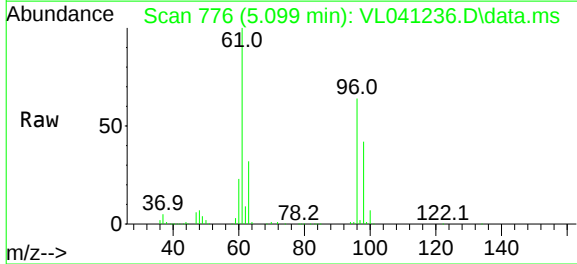
#31
cis-1,2-Dichloroethene
Concen: 10.476 ppbv
RT: 5.099 min Scan# 77
Delta R.T. 0.003 min
Lab File: VL041236.D
Acq: 8 May 2024 10:02

Instrument :
MSVOA_L
ClientSampleId :
VL0508ABS01

Tgt Ion: 61 Resp: 901674
Ion Ratio Lower Upper
61 100
96 63.6 49.8 74.6
98 41.7 30.0 45.0

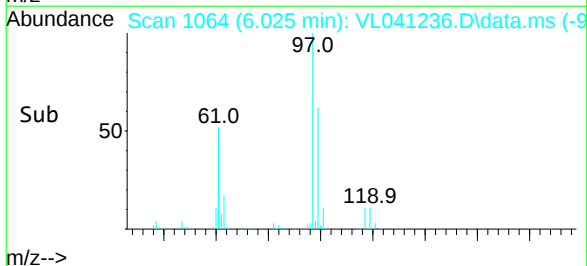
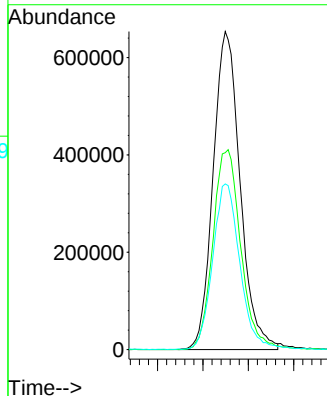
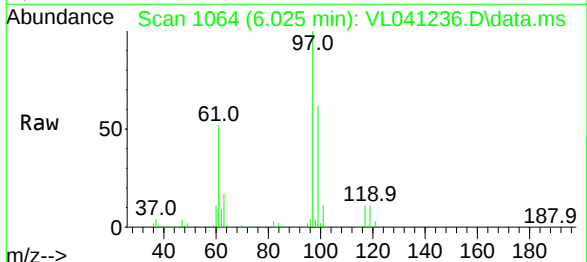
Manual Integrations
APPROVED

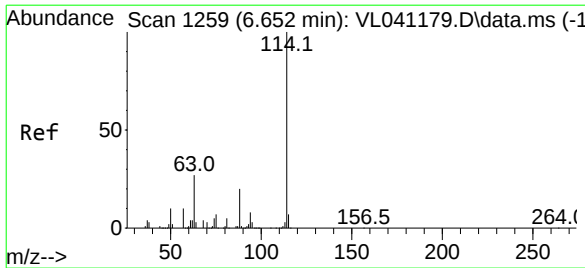
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#32
1,1,1-Trichloroethane
Concen: 10.657 ppbv
RT: 6.025 min Scan# 1064
Delta R.T. 0.003 min
Lab File: VL041236.D
Acq: 8 May 2024 10:02

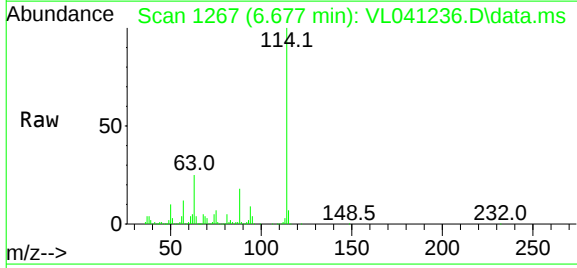
Tgt Ion: 97 Resp: 1348635
Ion Ratio Lower Upper
97 100
99 65.2 51.7 77.5
61 53.1 41.1 61.7





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.677 min Scan# 1259
Delta R.T. 0.003 min
Lab File: VL041236.D
Acq: 8 May 2024 10:02

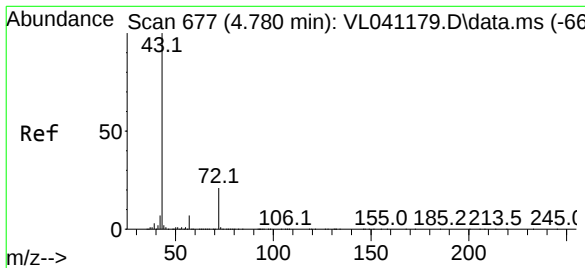
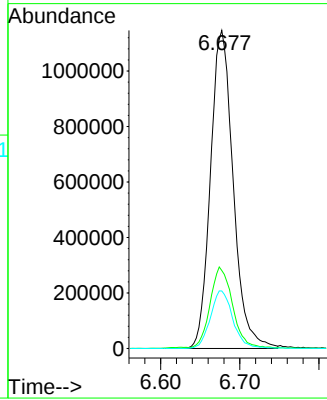
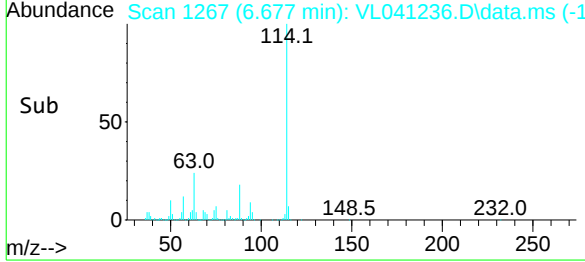
Instrument :
MSVOA_L
ClientSampleId :
VL0508ABS01



Tgt Ion:114 Resp: 2289294
Ion Ratio Lower Upper
114 100
63 26.0 21.8 32.6
88 18.0 15.2 22.8

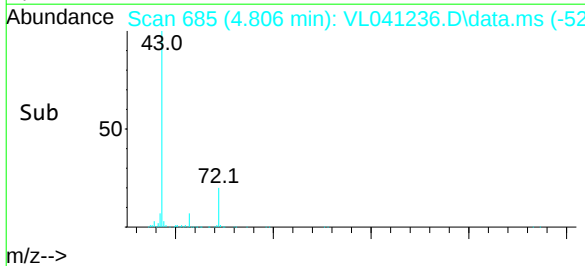
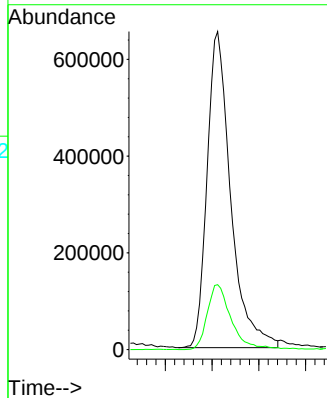
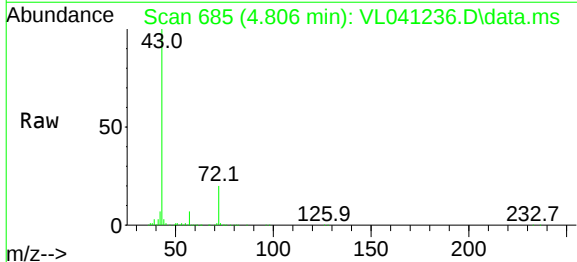
Manual Integrations
APPROVED

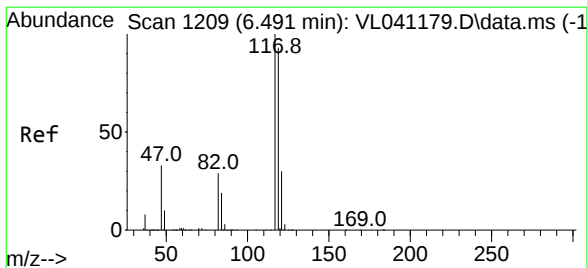
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#34
2-Butanone
Concen: 9.835 ppbv
RT: 4.806 min Scan# 685
Delta R.T. 0.003 min
Lab File: VL041236.D
Acq: 8 May 2024 10:02

Tgt Ion: 43 Resp: 1145997
Ion Ratio Lower Upper
43 100
72 21.1 17.3 25.9





#35

Carbon Tetrachloride

Concen: 10.733 ppbv

RT: 6.516 min Scan# 12

Delta R.T. 0.003 min

Lab File: VL041236.D

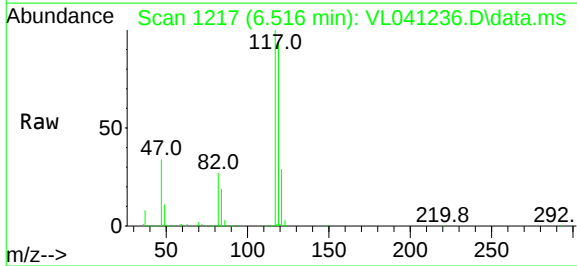
Acq: 8 May 2024 10:02

Instrument :

MSVOA_L

ClientSampleId :

VL0508ABS01



Tgt Ion:117 Resp: 1378966

Ion Ratio Lower Upper

117 100

119 93.9 74.3 111.5

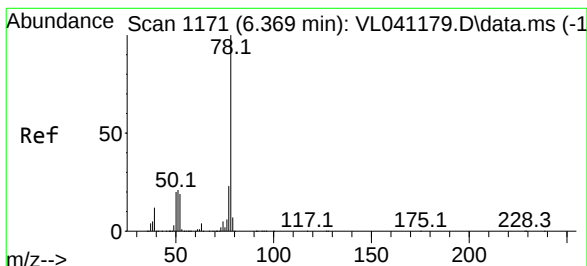
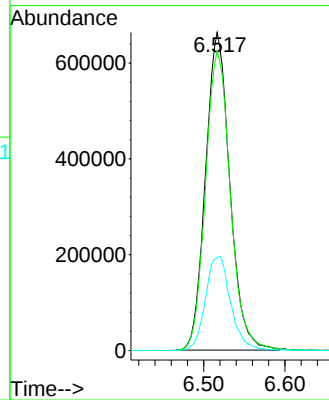
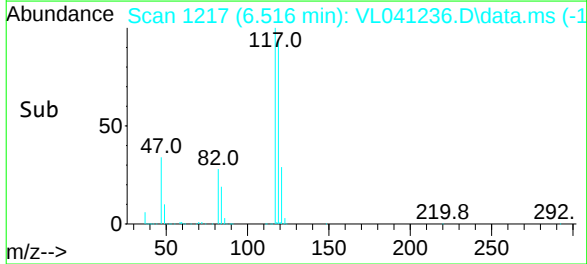
121 29.1 23.8 35.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#36

Benzene

Concen: 9.796 ppbv

RT: 6.394 min Scan# 1179

Delta R.T. 0.003 min

Lab File: VL041236.D

Acq: 8 May 2024 10:02

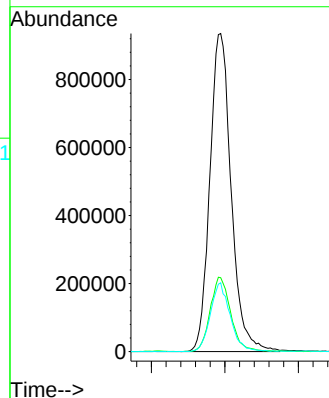
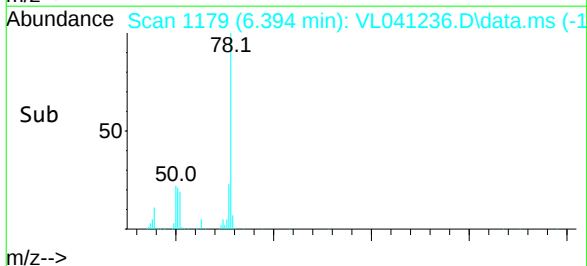
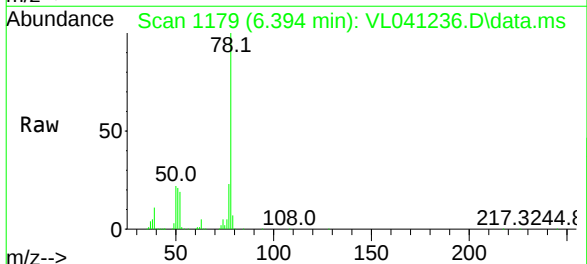
Tgt Ion: 78 Resp: 1881913

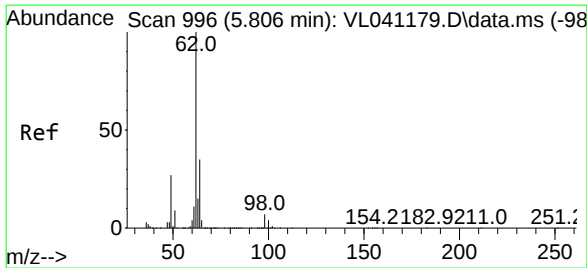
Ion Ratio Lower Upper

78 100

77 23.2 18.3 27.5

50 21.6 15.9 23.9





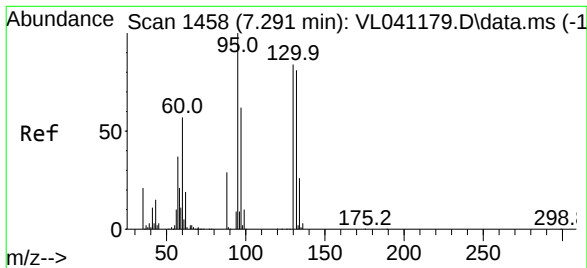
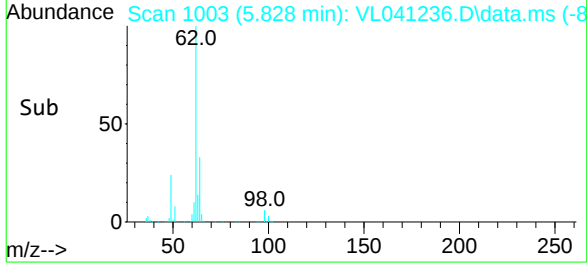
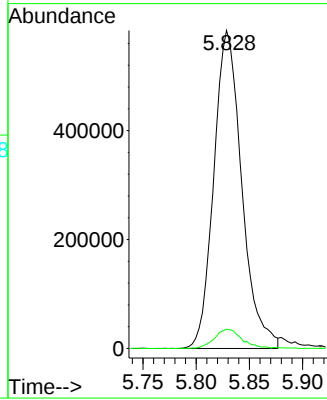
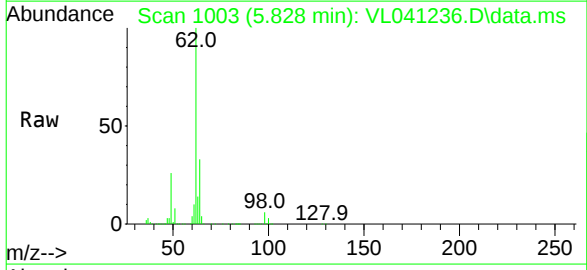
#37
1,2-Dichloroethane
Concen: 10.649 ppbv
RT: 5.828 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VL041236.D
Acq: 8 May 2024 10:02

Instrument :
MSVOA_L
ClientSampleId :
VL0508ABS01

Tgt Ion: 62 Resp: 1067398
Ion Ratio Lower Upper
62 100
98 6.1 5.0 7.4

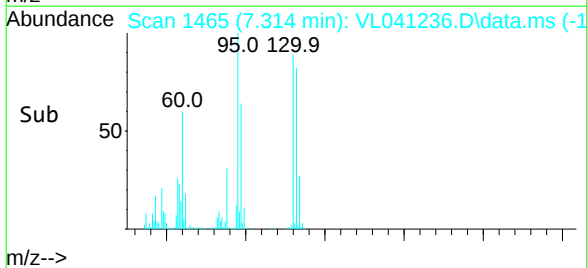
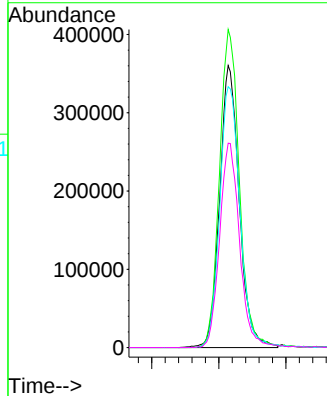
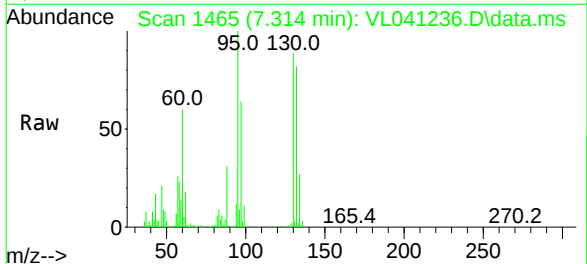
Manual Integrations
APPROVED

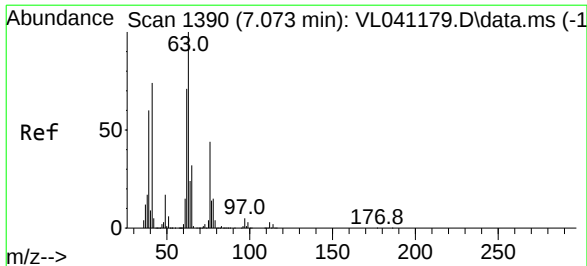
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#38
Trichloroethene
Concen: 10.204 ppbv
RT: 7.314 min Scan# 1465
Delta R.T. 0.003 min
Lab File: VL041236.D
Acq: 8 May 2024 10:02

Tgt Ion:130 Resp: 730520
Ion Ratio Lower Upper
130 100
95 112.8 95.0 142.6
132 92.5 77.0 115.4
97 72.5 59.1 88.7





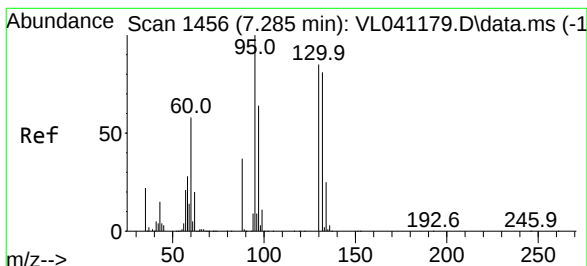
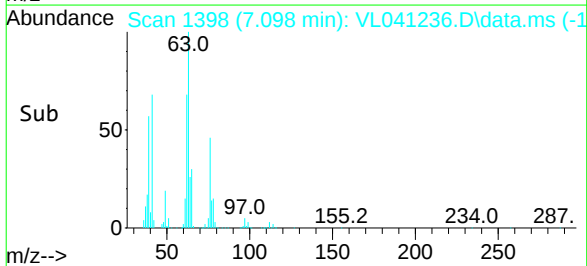
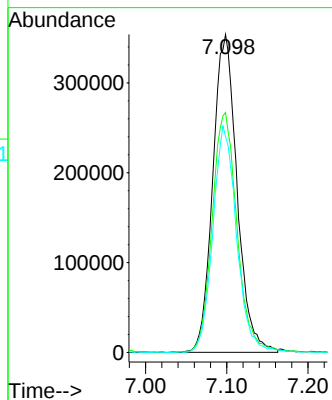
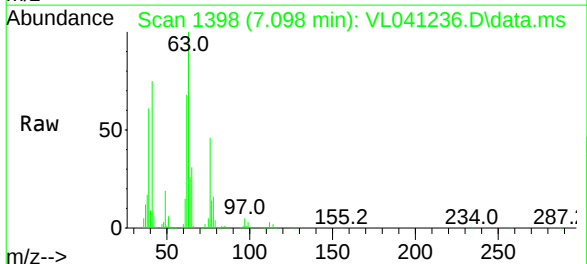
#39
1,2-Dichloropropane
Concen: 9.904 ppbv
RT: 7.098 min Scan# 13
Delta R.T. 0.006 min
Lab File: VL041236.D
Acq: 8 May 2024 10:02

Instrument :
MSVOA_L
ClientSampleId :
VL0508ABS01

Tgt Ion: 63 Resp: 733279
Ion Ratio Lower Upper
63 100
41 75.2 59.4 89.0
62 67.8 56.8 85.2

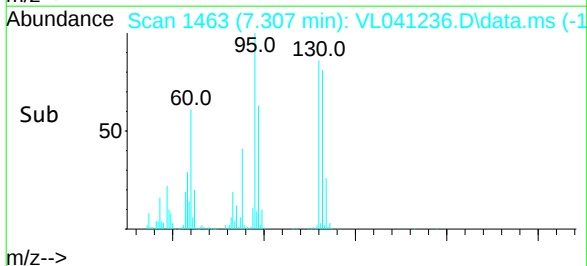
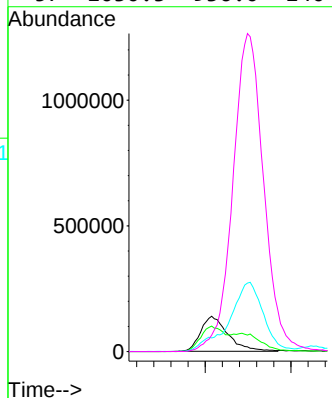
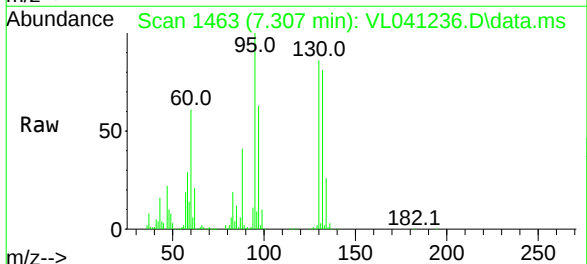
Manual Integrations
APPROVED

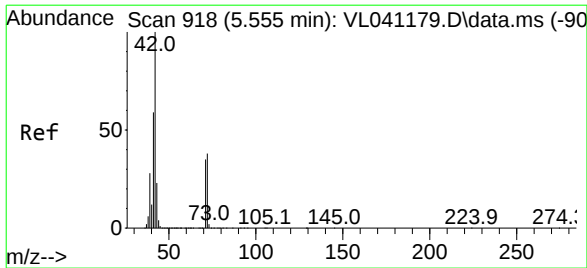
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#40
1,4-Dioxane
Concen: 11.666 ppbv
RT: 7.307 min Scan# 1463
Delta R.T. 0.006 min
Lab File: VL041236.D
Acq: 8 May 2024 10:02

Tgt Ion: 88 Resp: 308583
Ion Ratio Lower Upper
88 100
58 121.6 106.1 159.1
43 248.7 219.8 329.6
57 1030.3 936.0 1404.0





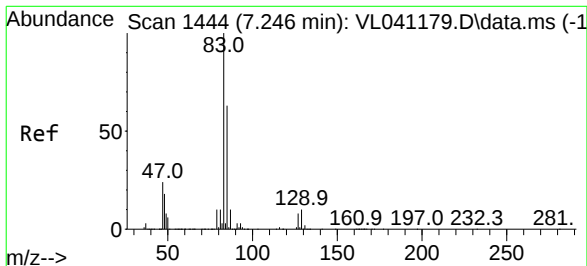
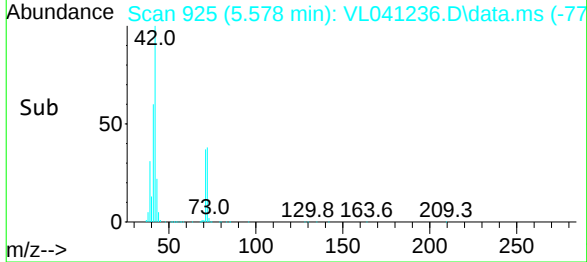
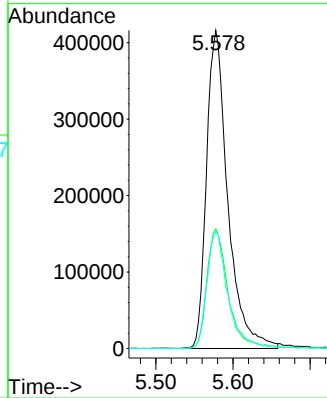
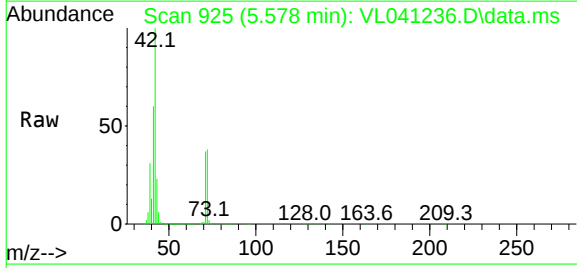
#41
Tetrahydrofuran
Concen: 9.460 ppbv
RT: 5.578 min Scan# 92
Delta R.T. -0.000 min
Lab File: VL041236.D
Acq: 8 May 2024 10:02

Instrument :
MSVOA_L
ClientSampleId :
VL0508ABS01

Tgt Ion: 42 Resp: 797948
Ion Ratio Lower Upper
42 100
72 37.7 29.4 44.0
71 36.7 29.1 43.7

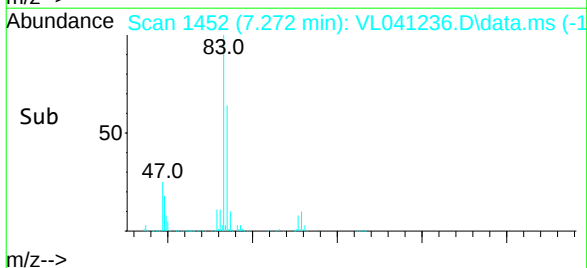
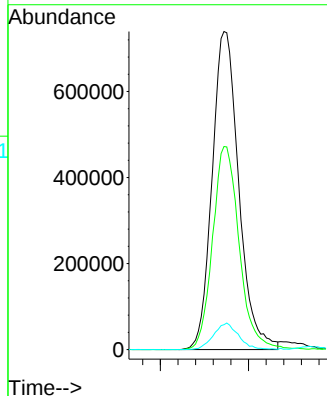
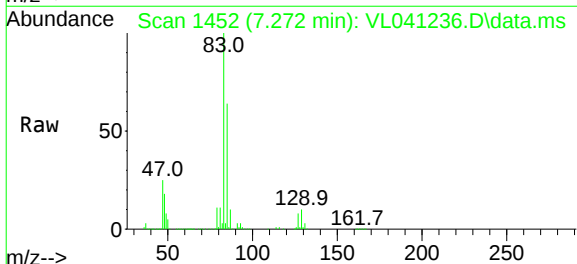
Manual Integrations
APPROVED

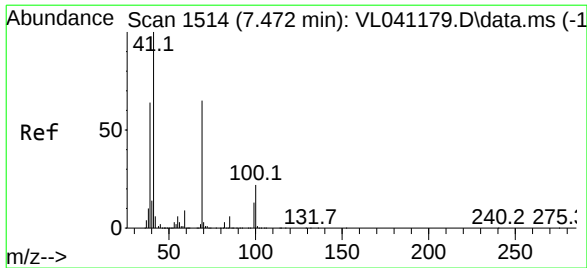
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#42
Bromodichloromethane
Concen: 10.784 ppbv
RT: 7.272 min Scan# 1452
Delta R.T. 0.003 min
Lab File: VL041236.D
Acq: 8 May 2024 10:02

Tgt Ion: 83 Resp: 1550256
Ion Ratio Lower Upper
83 100
85 63.8 50.6 75.8
127 7.8 6.2 9.4





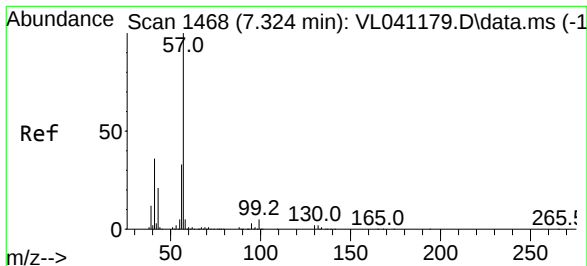
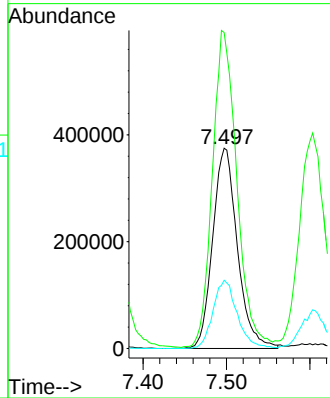
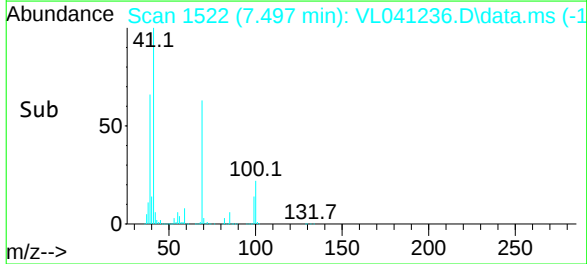
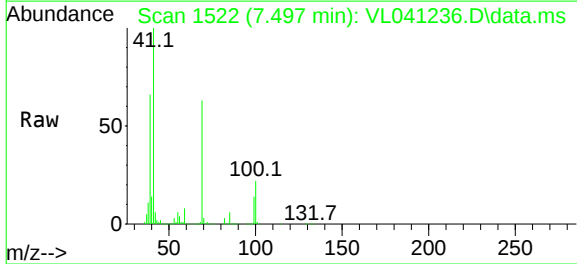
#43
Methyl Methacrylate
Concen: 9.925 ppbv
RT: 7.497 min Scan# 1514
Delta R.T. 0.003 min
Lab File: VL041236.D
Acq: 8 May 2024 10:02

Instrument :
MSVOA_L
ClientSampleId :
VL0508ABS01

Tgt Ion: 69 Resp: 771221
Ion Ratio Lower Upper
69 100
41 158.2 125.2 187.8
100 33.4 26.7 40.1

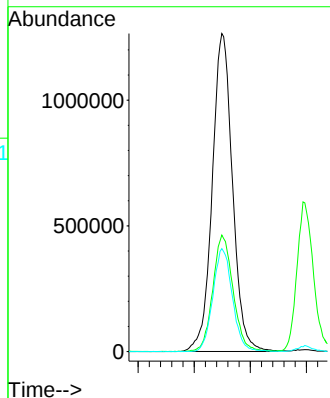
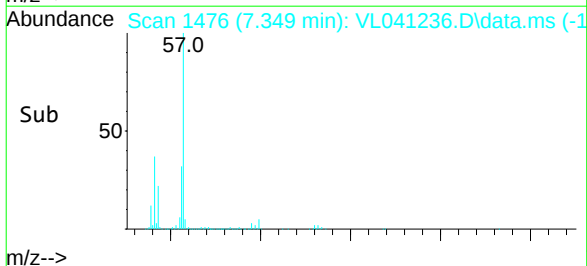
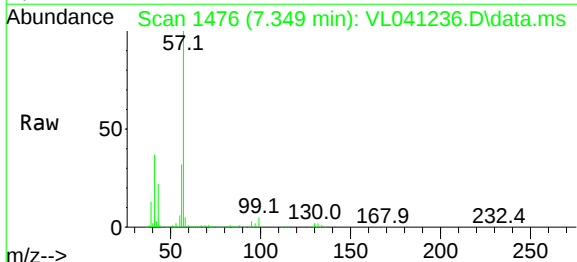
Manual Integrations
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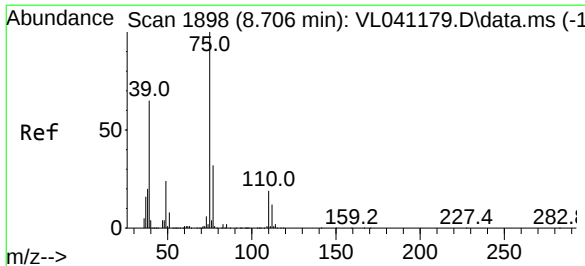
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#44
2,2,4-Trimethylpentane
Concen: 9.572 ppbv
RT: 7.349 min Scan# 1476
Delta R.T. 0.003 min
Lab File: VL041236.D
Acq: 8 May 2024 10:02

Tgt Ion: 57 Resp: 3170639
Ion Ratio Lower Upper
57 100
41 36.6 29.5 44.3
56 31.3 25.3 37.9





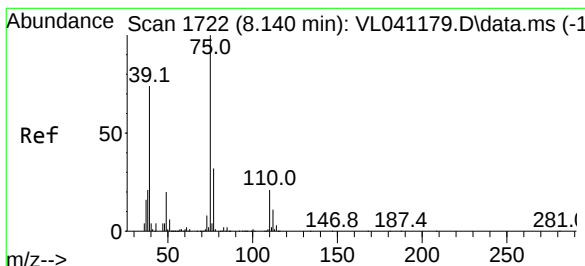
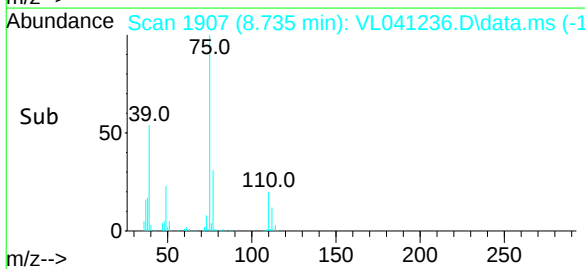
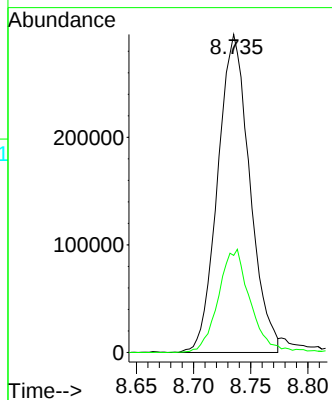
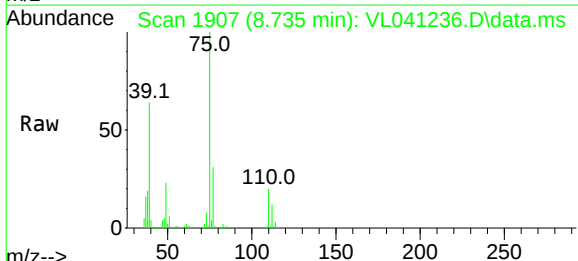
#45
t-1,3-Dichloropropene
Concen: 10.253 ppbv
RT: 8.735 min Scan# 19
Delta R.T. 0.003 min
Lab File: VL041236.D
Acq: 8 May 2024 10:02

Instrument :
MSVOA_L
ClientSampleId :
VL0508ABS01

Tgt Ion: 75 Resp: 577297
Ion Ratio Lower Upper
75 100
77 30.5 25.6 38.4

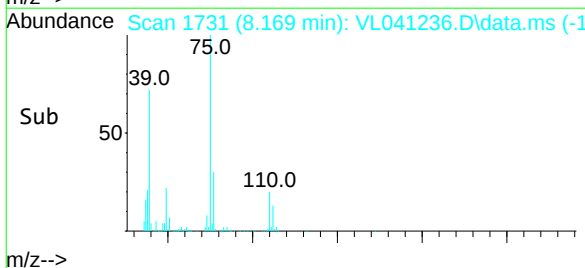
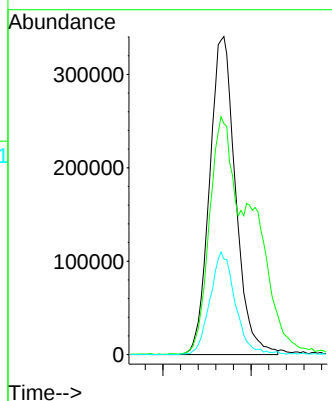
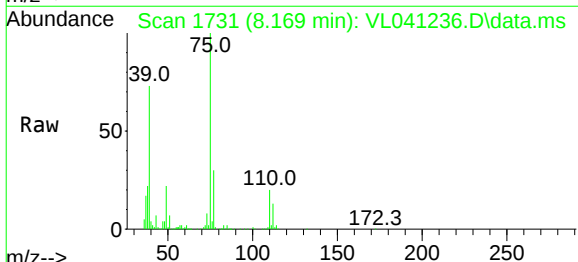
Manual Integrations
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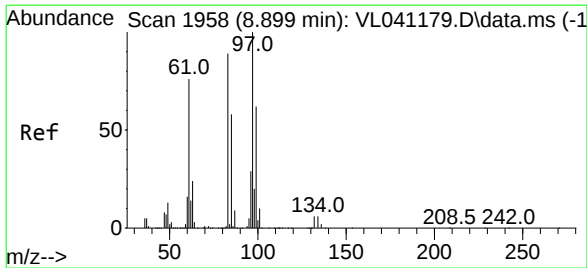
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#46
cis-1,3-Dichloropropene
Concen: 10.099 ppbv
RT: 8.169 min Scan# 1731
Delta R.T. 0.006 min
Lab File: VL041236.D
Acq: 8 May 2024 10:02

Tgt Ion: 75 Resp: 696153
Ion Ratio Lower Upper
75 100
39 72.5 59.4 89.2
77 30.1 25.9 38.9





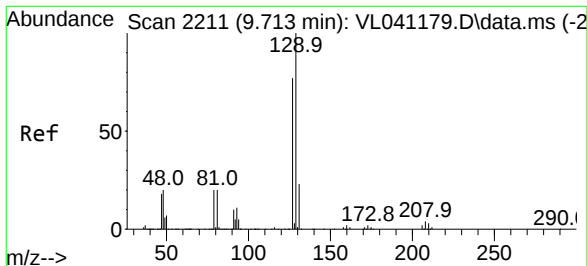
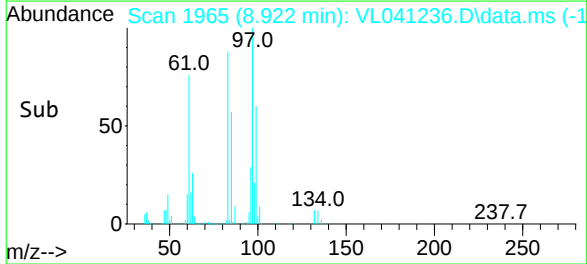
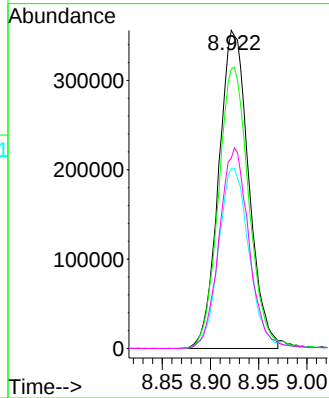
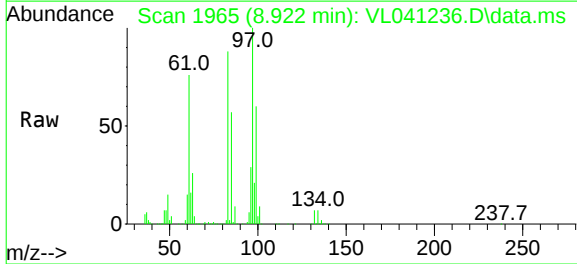
#47
1,1,2-Trichloroethane
Concen: 10.378 ppbv
RT: 8.922 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VL041236.D
Acq: 8 May 2024 10:02

Instrument :
MSVOA_L
ClientSampleId :
VL0508ABS01

Tgt Ion:	97	Resp:	769039
Ion	Ratio	Lower	Upper
97	100		
83	87.9	71.2	106.8
85	56.7	46.0	69.0
99	59.8	49.7	74.5

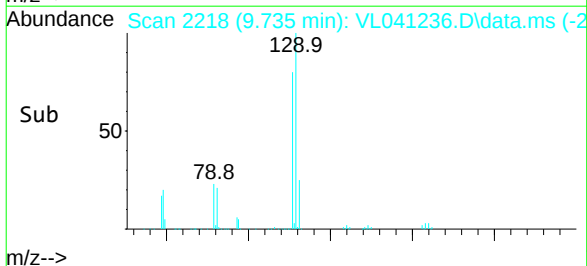
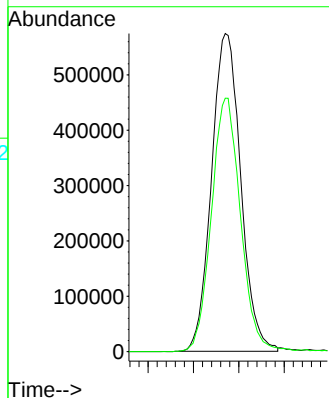
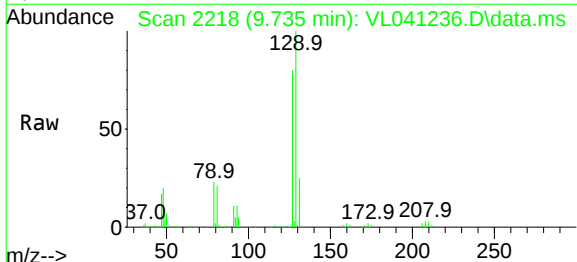
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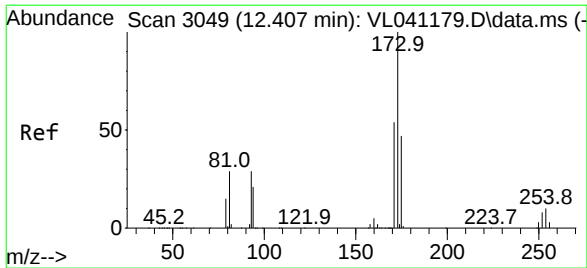
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#48
Dibromochloromethane
Concen: 10.885 ppbv
RT: 9.735 min Scan# 2218
Delta R.T. 0.003 min
Lab File: VL041236.D
Acq: 8 May 2024 10:02

Tgt Ion:	129	Resp:	1285252
Ion	Ratio	Lower	Upper
129	100		
127	79.8	39.1	117.5





#49

Bromoform

Concen: 10.770 ppbv

RT: 12.436 min Scan# 3049

Delta R.T. 0.006 min

Lab File: VL041236.D

Acq: 8 May 2024 10:02

Instrument :

MSVOA_L

ClientSampleId :

VL0508ABS01

Tgt Ion:173 Resp: 1081773

Ion Ratio Lower Upper

173 100

175 49.7 39.8 59.8

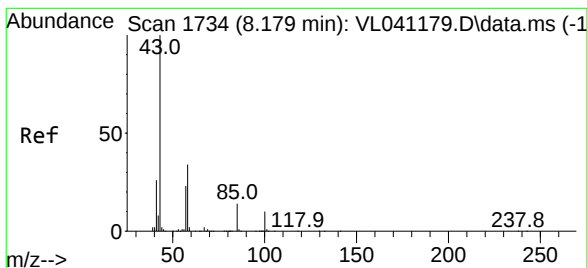
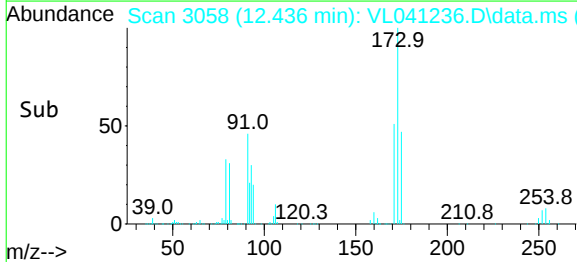
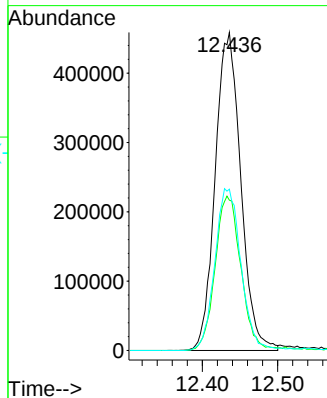
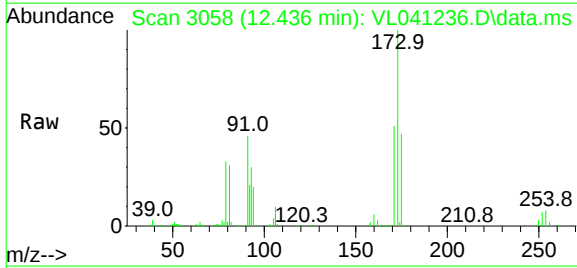
171 52.2 41.8 62.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#50

4-Methyl-2-Pentanone

Concen: 9.560 ppbv

RT: 8.205 min Scan# 1742

Delta R.T. 0.003 min

Lab File: VL041236.D

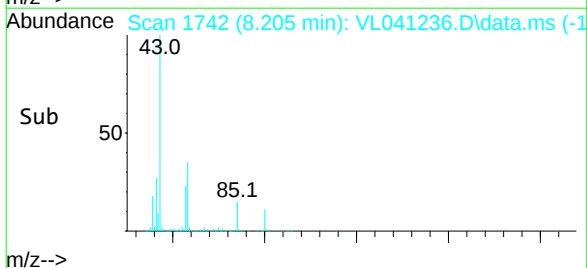
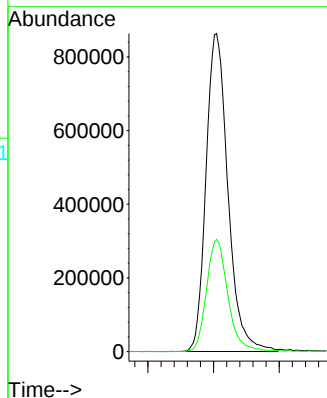
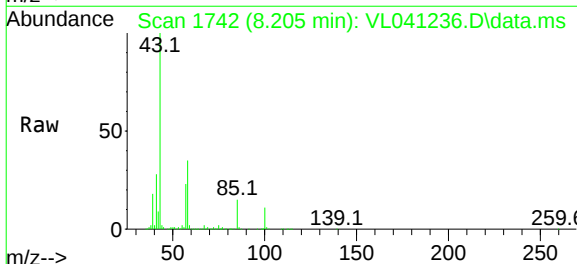
Acq: 8 May 2024 10:02

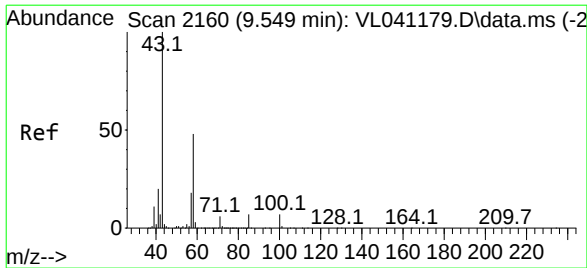
Tgt Ion: 43 Resp: 1999163

Ion Ratio Lower Upper

43 100

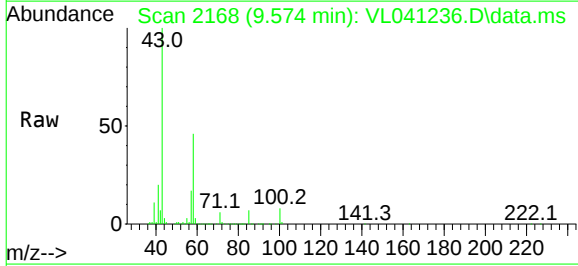
58 34.6 27.7 41.5





#51
2-Hexanone
Concen: 9.467 ppbv
RT: 9.574 min Scan# 2160
Delta R.T. 0.006 min
Lab File: VL041236.D
Acq: 8 May 2024 10:02

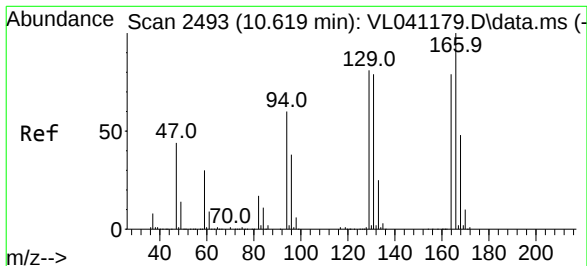
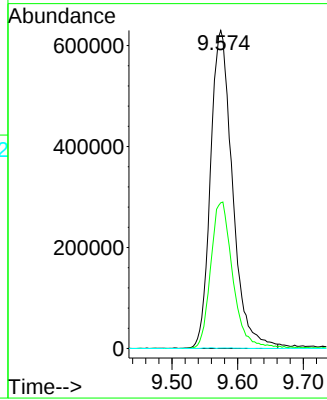
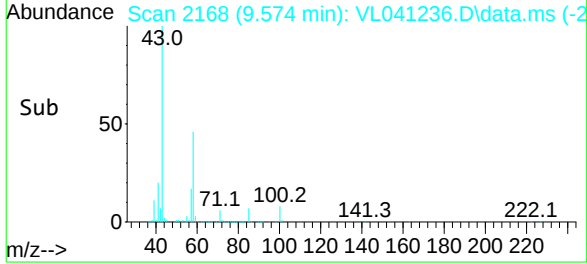
Instrument :
MSVOA_L
ClientSampleId :
VL0508ABS01



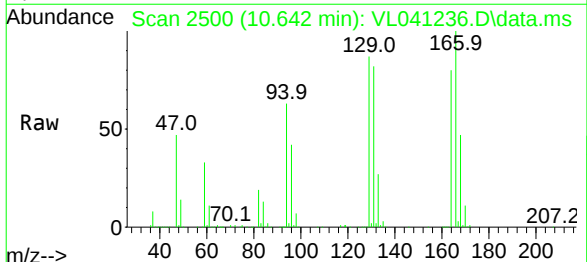
Tgt Ion: 43 Resp: 1468322
Ion Ratio Lower Upper
43 100
58 46.7 38.4 57.6
98 0.2 0.0 0.0

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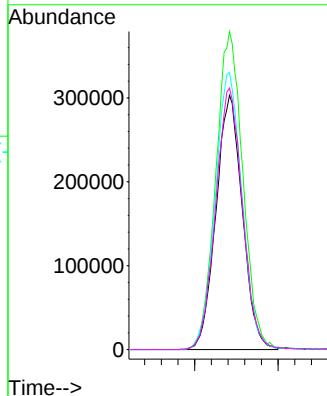
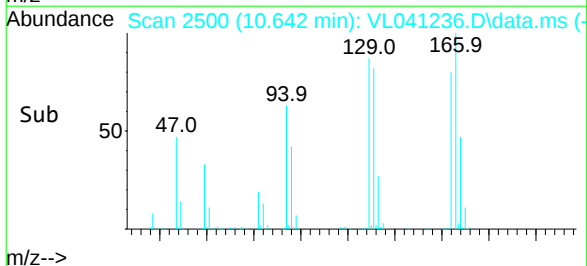
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024

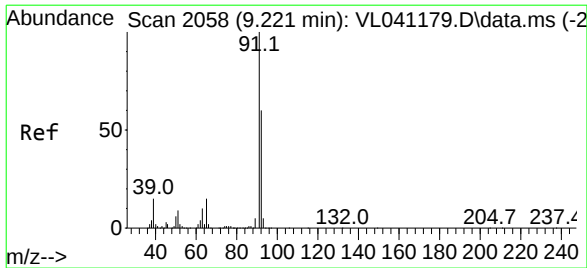


#52
Tetrachloroethene
Concen: 9.849 ppbv
RT: 10.642 min Scan# 2500
Delta R.T. 0.006 min
Lab File: VL041236.D
Acq: 8 May 2024 10:02



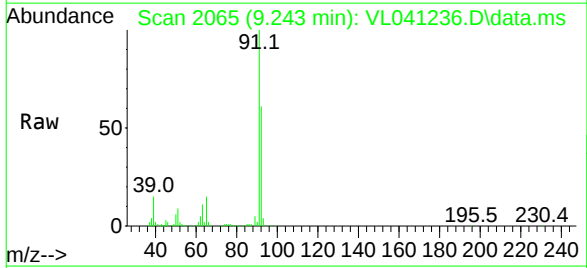
Tgt Ion:164 Resp: 665018
Ion Ratio Lower Upper
164 100
166 125.0 101.1 151.7
129 109.0 81.7 122.5
131 102.8 80.4 120.6





#53
Toluene
Concen: 9.908 ppbv
RT: 9.243 min Scan# 2058
Delta R.T. 0.003 min
Lab File: VL041236.D
Acq: 8 May 2024 10:02

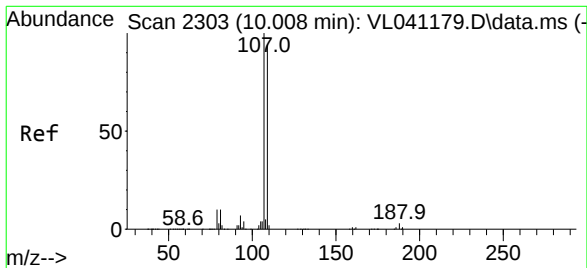
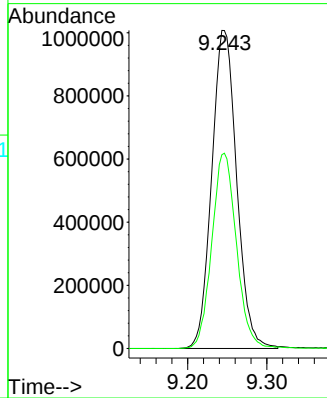
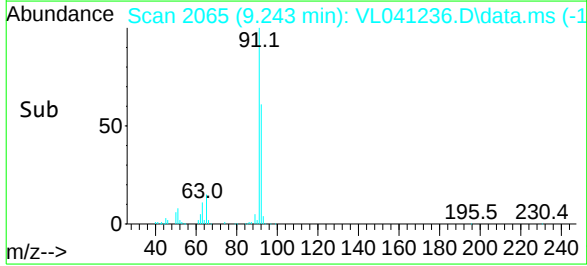
Instrument :
MSVOA_L
ClientSampleId :
VL0508ABS01



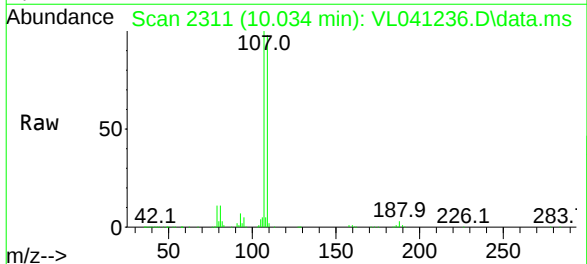
Tgt Ion: 91 Resp: 2207083
Ion Ratio Lower Upper
91 100
92 60.7 48.2 72.4

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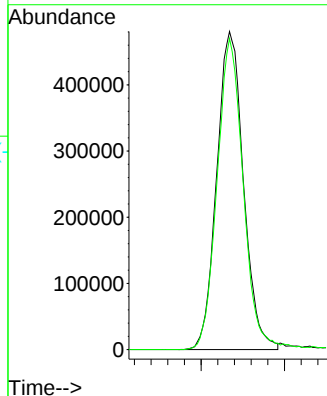
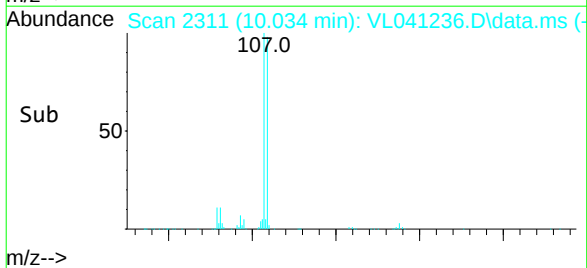
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024

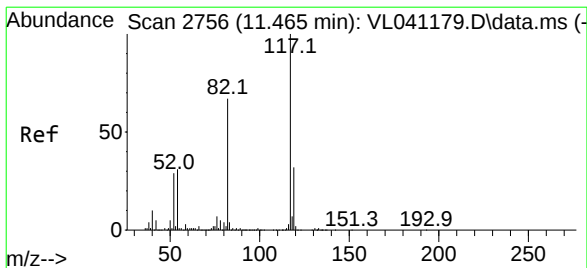


#54
1,2-Dibromoethane
Concen: 10.653 ppbv
RT: 10.034 min Scan# 2311
Delta R.T. 0.003 min
Lab File: VL041236.D
Acq: 8 May 2024 10:02



Tgt Ion:107 Resp: 1069283
Ion Ratio Lower Upper
107 100
109 97.8 75.2 112.8





#55

Chlorobenzene-d5

Concen: 10.000 ppbv m

RT: 11.491 min Scan# 2756

Delta R.T. 0.003 min

Lab File: VL041236.D

Acq: 8 May 2024 10:02

Instrument :

MSVOA_L

ClientSampleId :

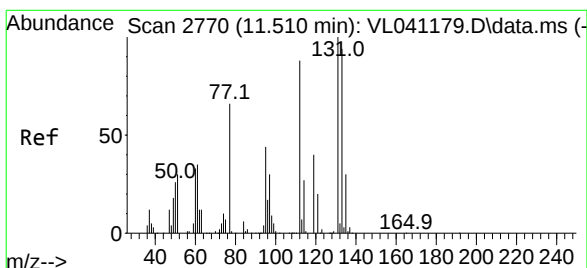
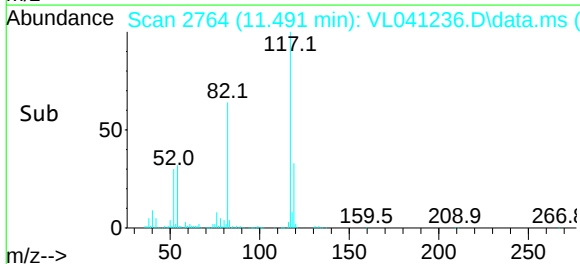
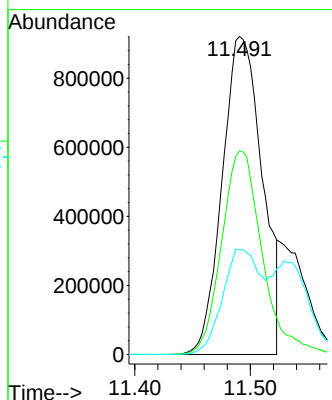
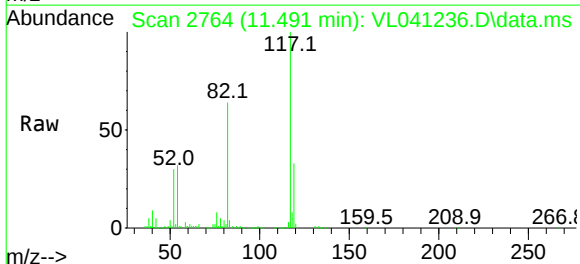
VL0508ABS01

Tgt Ion:117 Resp: 2210617

Ion	Ratio	Lower	Upper
117	100		
82	65.9	53.6	80.4
119	31.4	27.2	40.8

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#56

1,1,1,2-Tetrachloroethane

Concen: 10.503 ppbv

RT: 11.532 min Scan# 2777

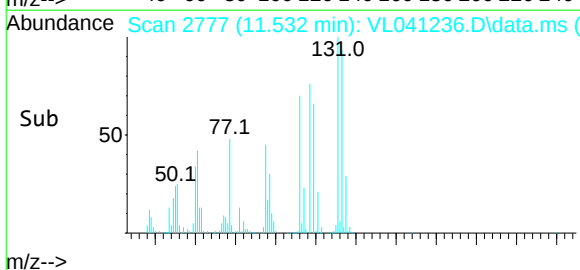
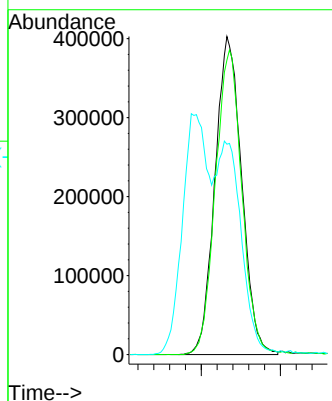
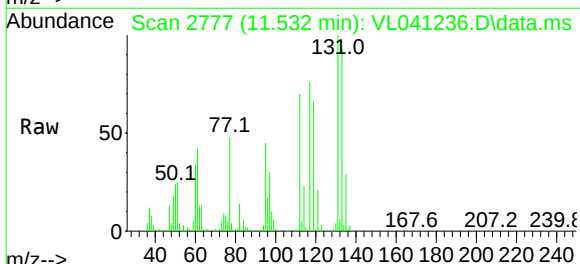
Delta R.T. 0.003 min

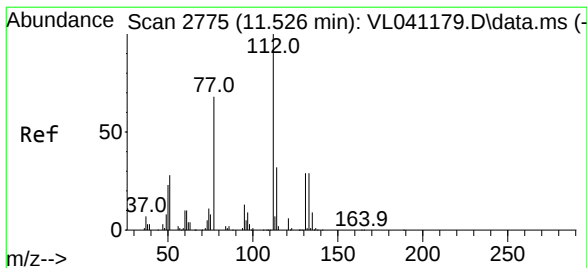
Lab File: VL041236.D

Acq: 8 May 2024 10:02

Tgt Ion:131 Resp: 941477

Ion	Ratio	Lower	Upper
131	100		
133	96.0	76.3	114.5
119	65.4	49.4	74.2





#57

Chlorobenzene

Concen: 10.168 ppbv

RT: 11.552 min Scan# 27

Delta R.T. 0.003 min

Lab File: VL041236.D

Acq: 8 May 2024 10:02

Instrument :

MSVOA_L

ClientSampleId :

VL0508ABS01

Tgt Ion:112 Resp: 1646115

Ion Ratio Lower Upper

112 100

77 63.1 54.9 82.3

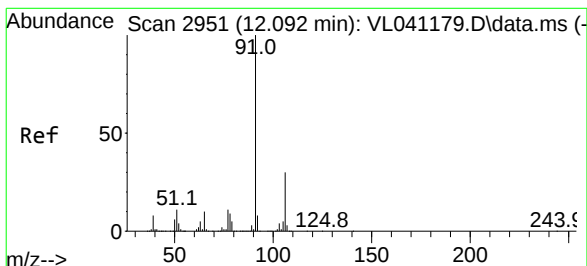
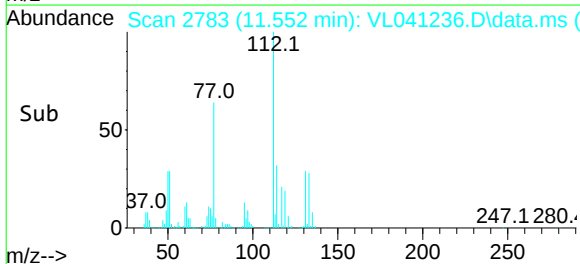
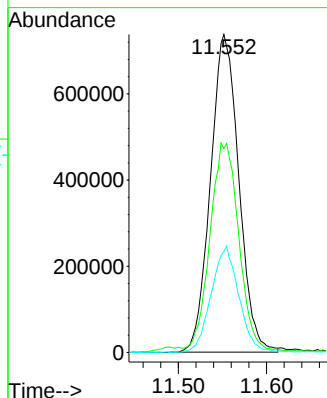
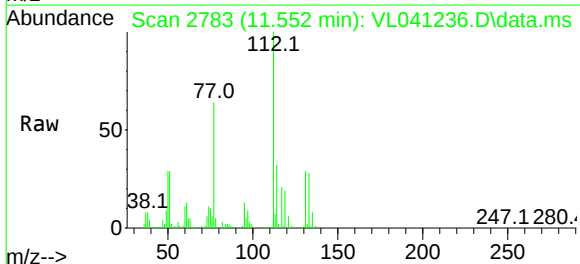
114 31.7 28.7 35.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#58

Ethyl Benzene

Concen: 9.724 ppbv

RT: 12.114 min Scan# 2958

Delta R.T. 0.003 min

Lab File: VL041236.D

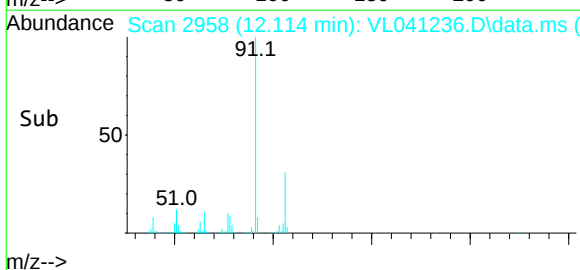
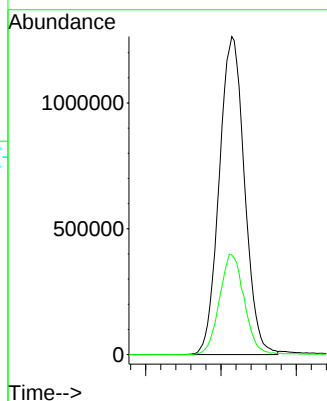
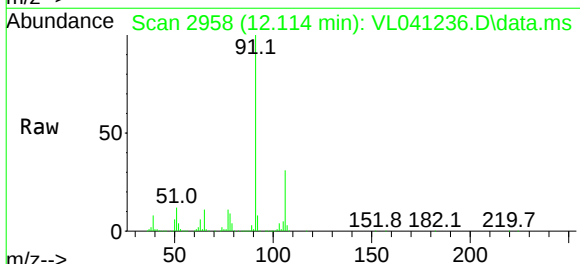
Acq: 8 May 2024 10:02

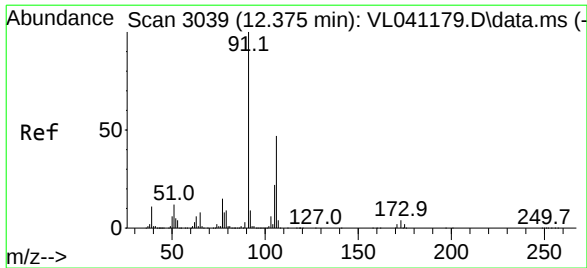
Tgt Ion: 91 Resp: 2947414

Ion Ratio Lower Upper

91 100

106 31.3 24.3 36.5





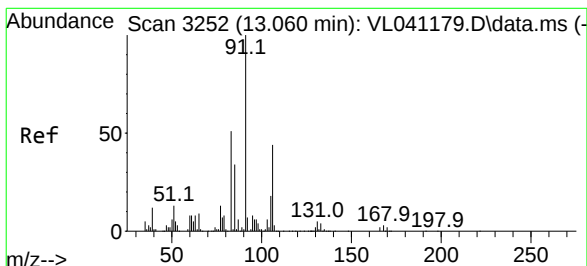
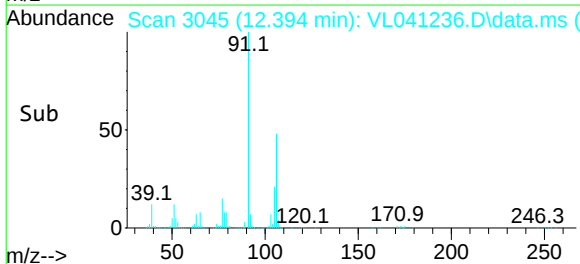
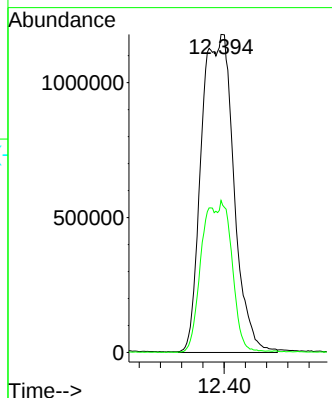
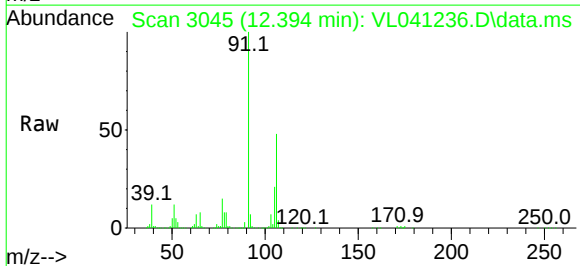
#59
m/p-Xylene
Concen: 19.548 ppbv m
RT: 12.394 min Scan# 3039
Delta R.T. 0.003 min
Lab File: VL041236.D
Acq: 8 May 2024 10:02

Instrument :
MSVOA_L
ClientSampleId :
VL0508ABS01

Tgt Ion: 91 Resp: 4979965
Ion Ratio Lower Upper
91 100
106 44.7 35.7 53.5

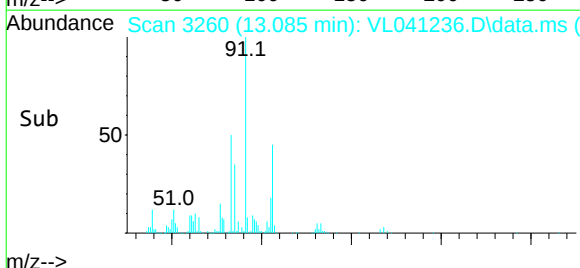
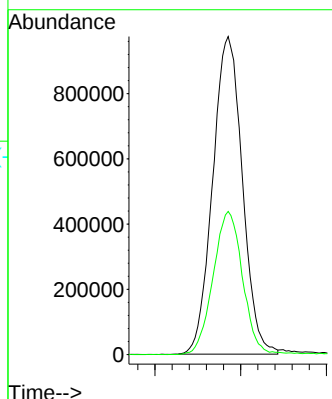
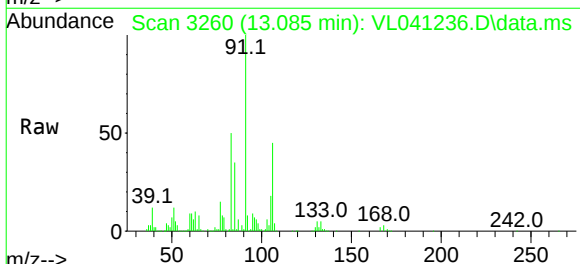
Manual Integrations
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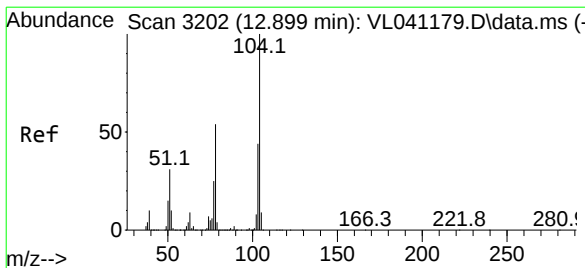
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#60
o-Xylene
Concen: 9.798 ppbv
RT: 13.085 min Scan# 3260
Delta R.T. 0.006 min
Lab File: VL041236.D
Acq: 8 May 2024 10:02

Tgt Ion: 91 Resp: 2339788
Ion Ratio Lower Upper
91 100
106 45.5 22.4 67.3





#61

Styrene

Concen: 10.194 ppbv

RT: 12.925 min Scan# 3202

Delta R.T. 0.006 min

Lab File: VL041236.D

Acq: 8 May 2024 10:02

Instrument :

MSVOA_L

ClientSampleId :

VL0508ABS01

Tgt Ion:104 Resp: 1285950

Ion Ratio Lower Upper

104 100

78 52.5 42.6 63.8

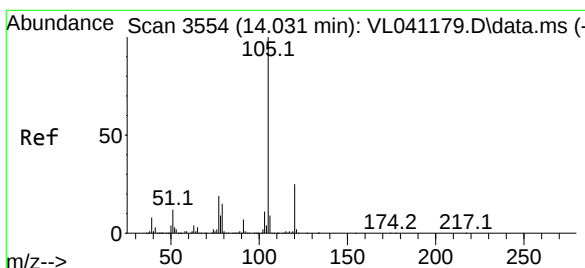
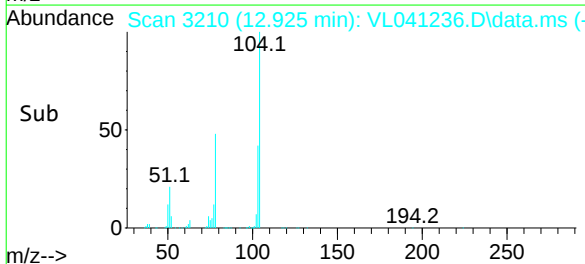
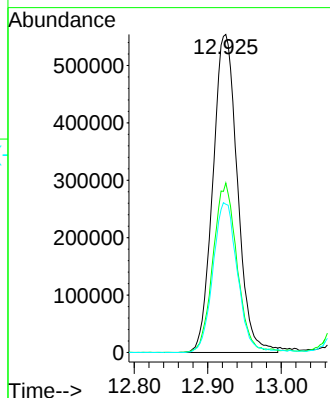
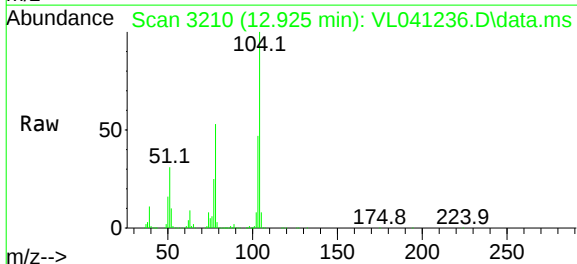
103 47.3 38.4 57.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#62

Isopropylbenzene

Concen: 9.832 ppbv

RT: 14.056 min Scan# 3562

Delta R.T. 0.006 min

Lab File: VL041236.D

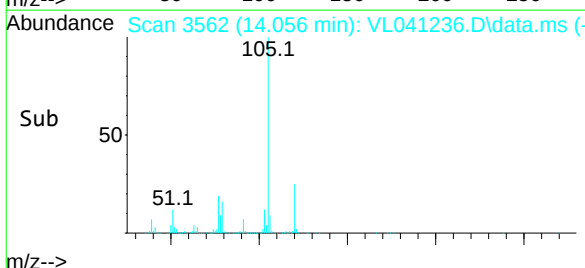
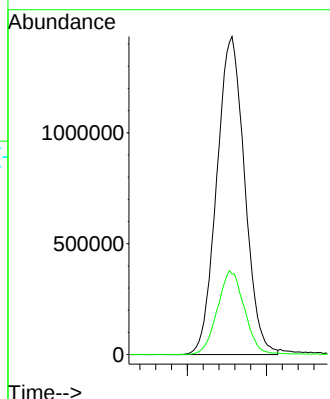
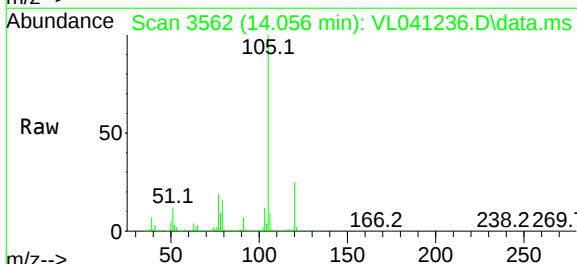
Acq: 8 May 2024 10:02

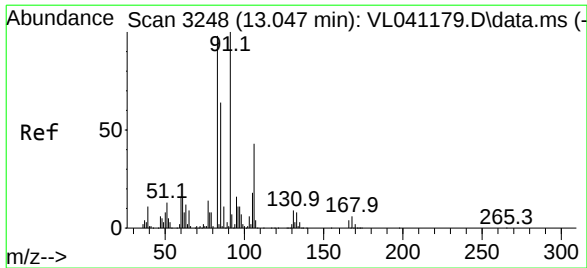
Tgt Ion:105 Resp: 3512099

Ion Ratio Lower Upper

105 100

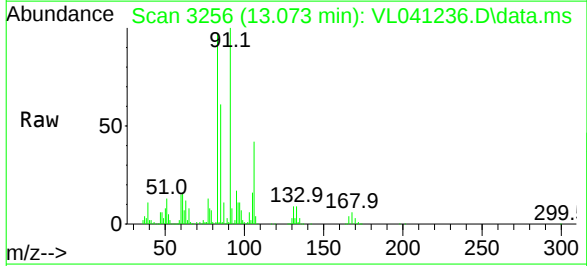
120 25.8 20.2 30.2





#63
1,1,2,2-Tetrachloroethane
Concen: 10.065 ppbv
RT: 13.073 min Scan# 3248
Delta R.T. 0.006 min
Lab File: VL041236.D
Acq: 8 May 2024 10:02

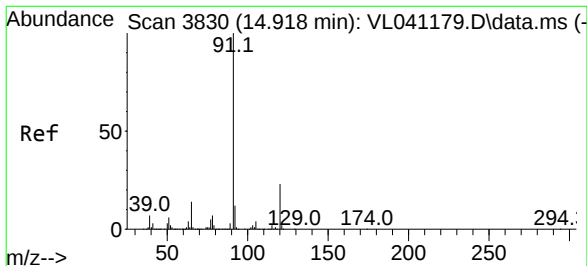
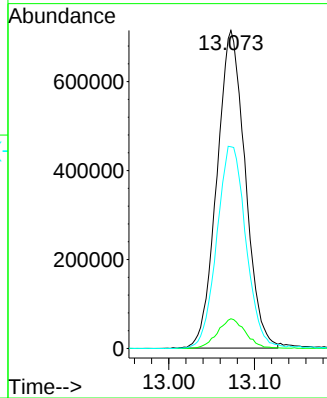
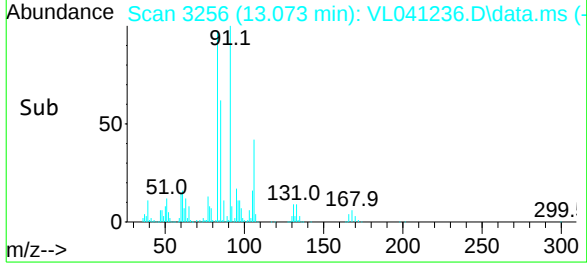
Instrument :
MSVOA_L
ClientSampleId :
VL0508ABS01



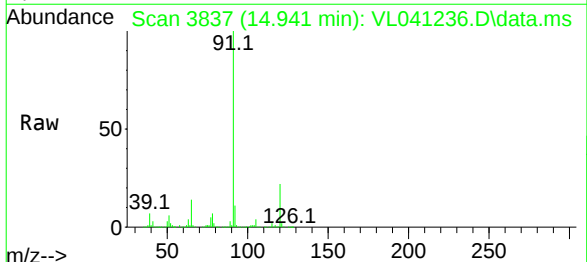
Tgt Ion: 83 Resp: 1638403
Ion Ratio Lower Upper
83 100
131 9.4 4.5 13.5
85 66.4 32.7 98.1

Manual Integrations
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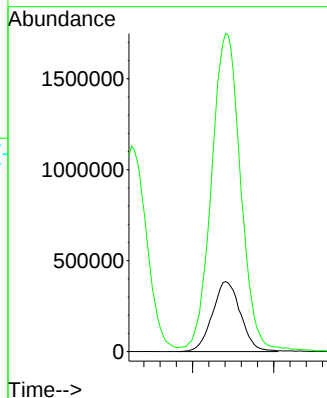
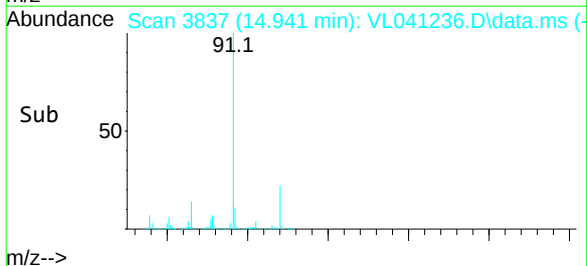
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024

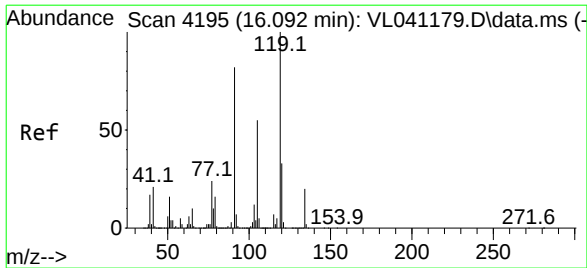


#64
n-propylbenzene
Concen: 10.363 ppbv
RT: 14.941 min Scan# 3837
Delta R.T. 0.006 min
Lab File: VL041236.D
Acq: 8 May 2024 10:02



Tgt Ion:120 Resp: 923460
Ion Ratio Lower Upper
120 100
91 475.4 384.8 577.2





#65

tert-Butylbenzene

Concen: 9.577 ppbv

RT: 16.114 min Scan# 42

Delta R.T. 0.006 min

Lab File: VL041236.D

Acq: 8 May 2024 10:02

Instrument :

MSVOA_L

ClientSampleId :

VL0508ABS01

Tgt Ion:119 Resp: 3063874

Ion Ratio Lower Upper

119 100

91 84.0 67.0 100.4

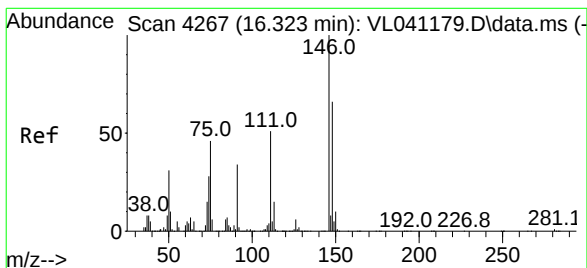
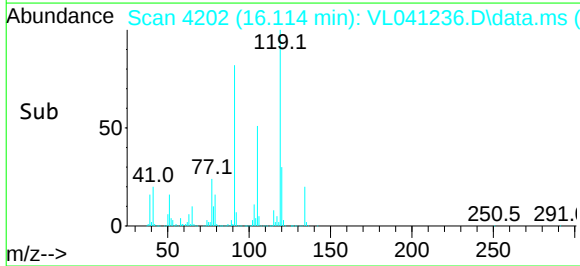
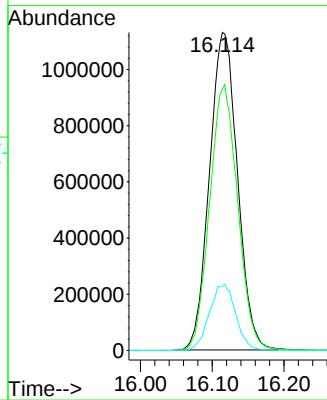
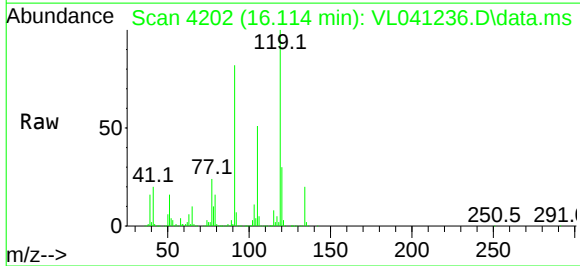
134 19.7 15.2 22.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#66

Benzyl Chloride

Concen: 7.477 ppbv m

RT: 16.352 min Scan# 4276

Delta R.T. 0.003 min

Lab File: VL041236.D

Acq: 8 May 2024 10:02

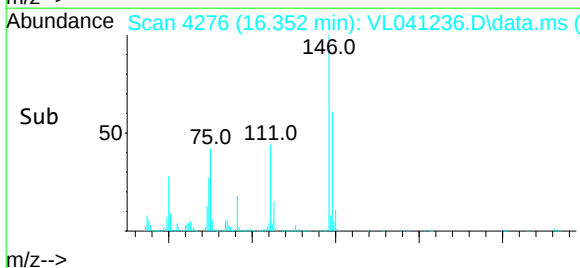
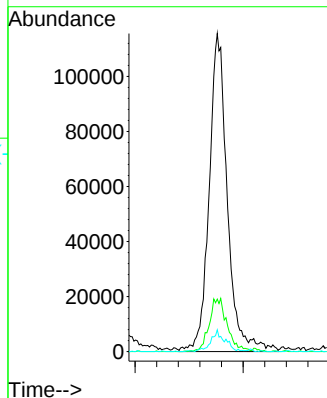
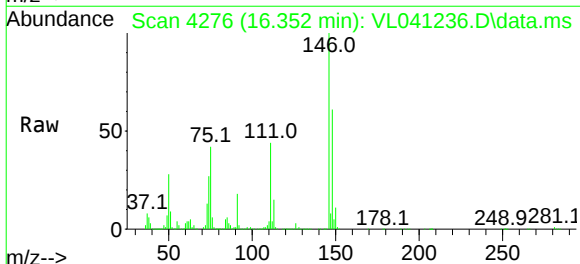
Tgt Ion: 91 Resp: 270786

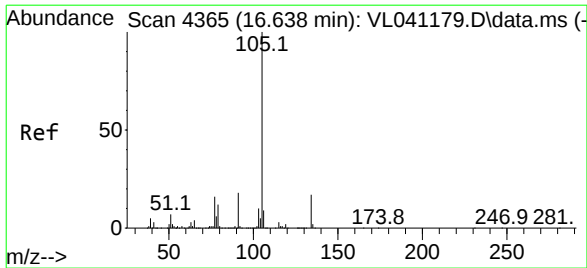
Ion Ratio Lower Upper

91 100

126 16.8 14.6 21.8

128 5.3 4.7 7.1





#67

sec-Butylbenzene

Concen: 9.763 ppbv

RT: 16.661 min Scan# 43

Delta R.T. 0.010 min

Lab File: VL041236.D

Acq: 8 May 2024 10:02

Instrument :

MSVOA_L

ClientSampleId :

VL0508ABS01

Tgt Ion:105 Resp: 4396817

Ion Ratio Lower Upper

105 100

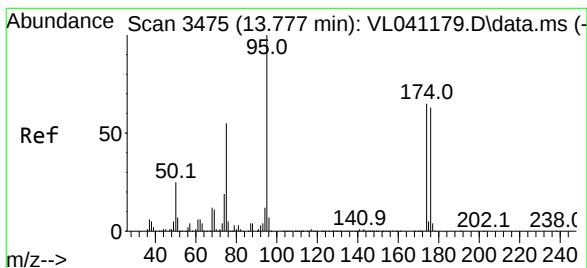
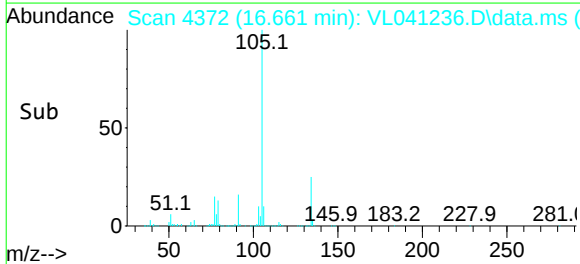
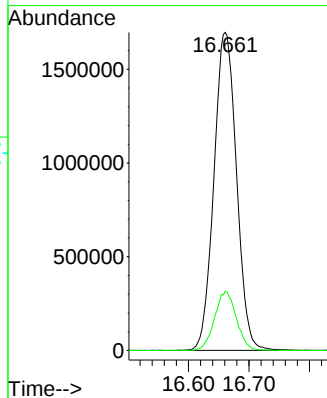
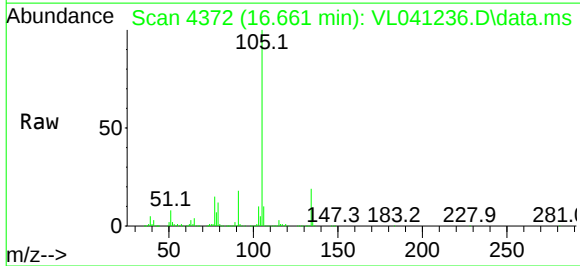
134 18.0 13.8 20.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#68

1-Bromo-4-Fluorobenzene

Concen: 10.154 ppbv

RT: 13.799 min Scan# 3482

Delta R.T. 0.003 min

Lab File: VL041236.D

Acq: 8 May 2024 10:02

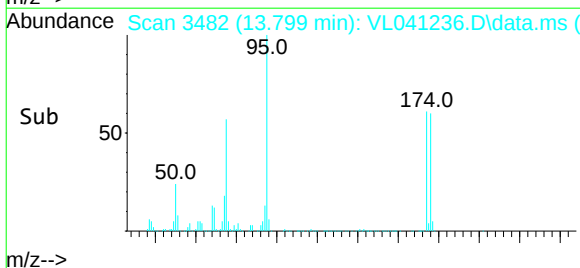
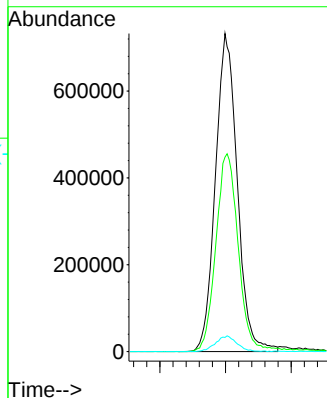
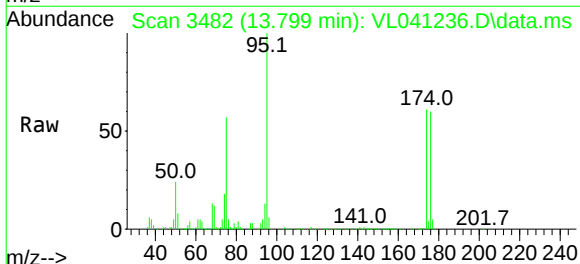
Tgt Ion: 95 Resp: 1694627

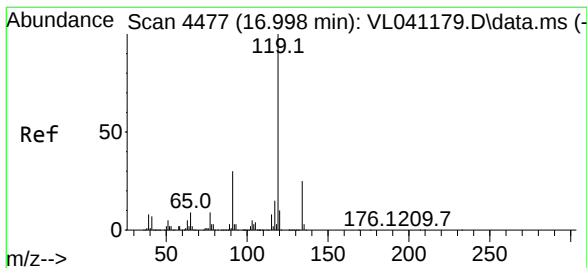
Ion Ratio Lower Upper

95 100

174 64.9 53.6 80.4

175 4.9 4.2 6.4





#69

p-Isopropyltoluene

Concen: 9.864 ppbv

RT: 17.021 min Scan# 44

Delta R.T. 0.006 min

Lab File: VL041236.D

Acq: 8 May 2024 10:02

Instrument :

MSVOA_L

ClientSampleId :

VL0508ABS01

Tgt Ion:119 Resp: 3660835

Ion Ratio Lower Upper

119 100

134 25.4 20.1 30.1

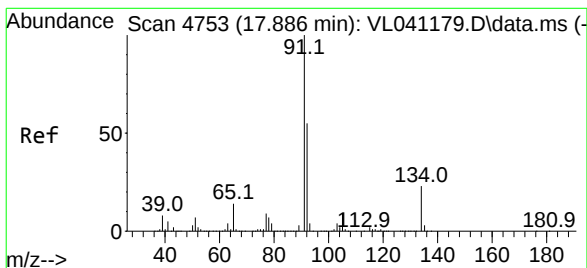
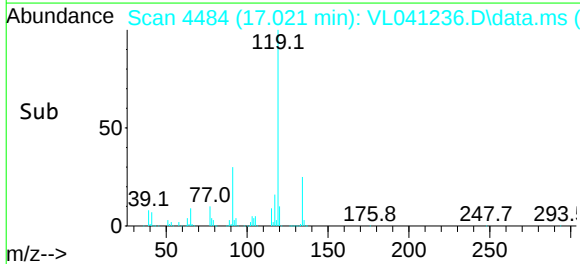
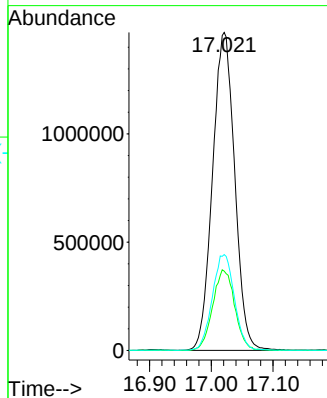
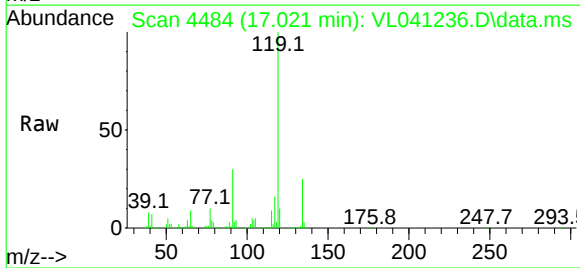
91 30.1 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#70

n-Butylbenzene

Concen: 9.880 ppbv

RT: 17.912 min Scan# 4761

Delta R.T. 0.006 min

Lab File: VL041236.D

Acq: 8 May 2024 10:02

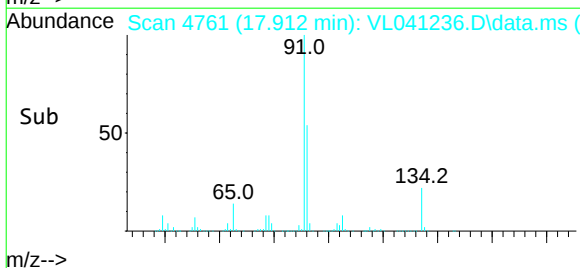
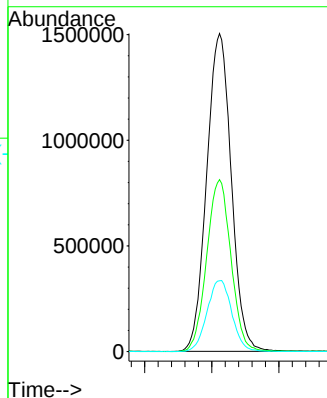
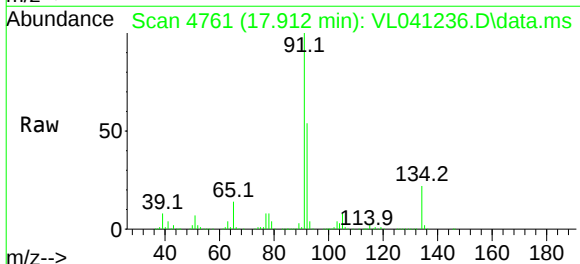
Tgt Ion: 91 Resp: 3829495

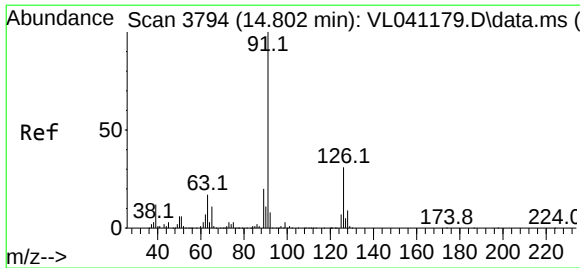
Ion Ratio Lower Upper

91 100

92 53.5 43.3 64.9

134 22.7 17.8 26.8





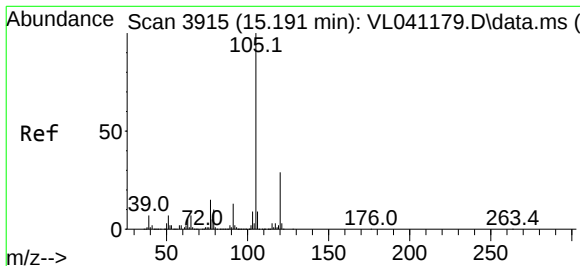
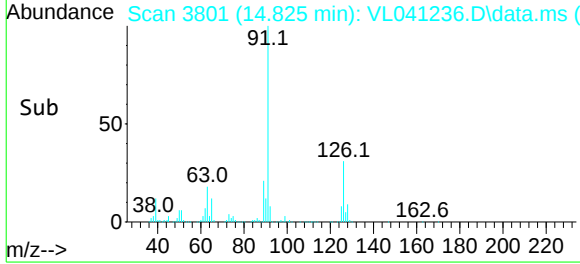
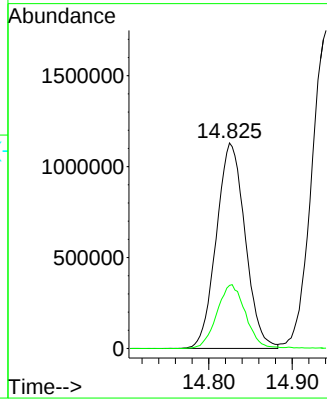
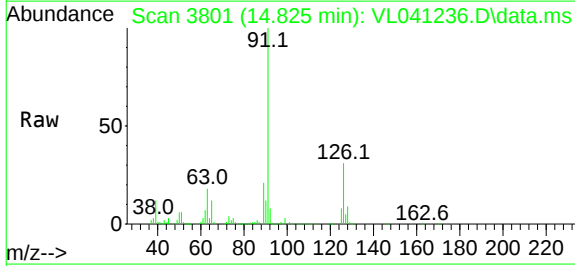
#71
2-Chlorotoluene
Concen: 9.950 ppbv
RT: 14.825 min Scan# 381
Delta R.T. 0.003 min
Lab File: VL041236.D
Acq: 8 May 2024 10:02

Instrument :
MSVOA_L
ClientSampleId :
VL0508ABS01

Tgt Ion: 91 Resp: 2706191
Ion Ratio Lower Upper
91 100
126 31.5 12.2 48.8

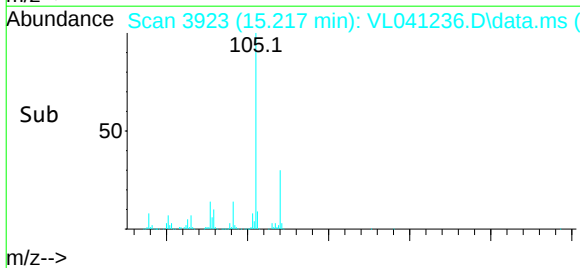
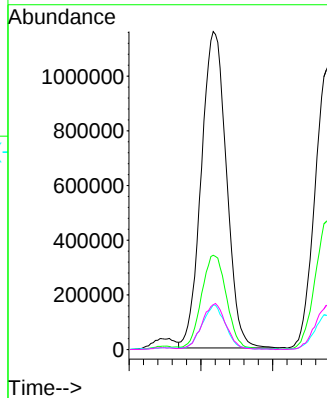
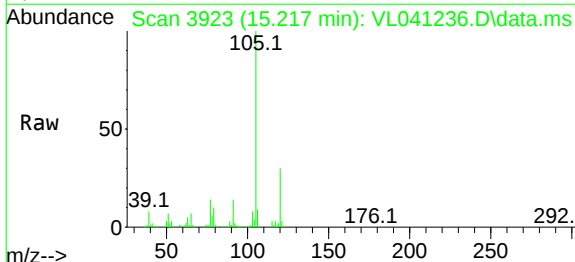
Manual Integrations
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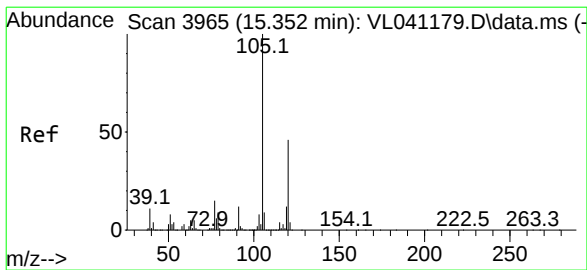
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#72
4-Ethyltoluene
Concen: 10.420 ppbv
RT: 15.217 min Scan# 3923
Delta R.T. 0.006 min
Lab File: VL041236.D
Acq: 8 May 2024 10:02

Tgt Ion:105 Resp: 2818445
Ion Ratio Lower Upper
105 100
120 30.3 24.7 37.1
91 13.3 10.3 15.5
77 14.2 11.4 17.0





#73

1,3,5-Trimethylbenzene

Concen: 10.102 ppbv

RT: 15.378 min Scan# 39

Delta R.T. 0.006 min

Lab File: VL041236.D

Acq: 8 May 2024 10:02

Instrument :

MSVOA_L

ClientSampleId :

VL0508ABS01

Tgt Ion:105 Resp: 2472212

Ion Ratio Lower Upper

105 100

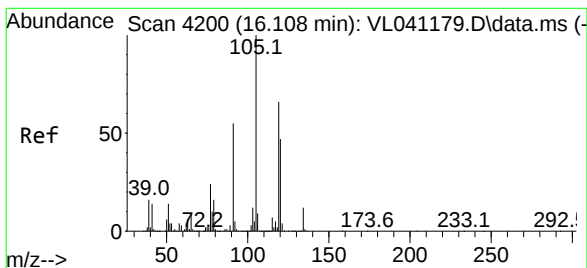
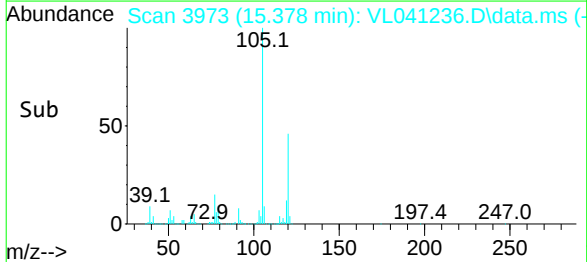
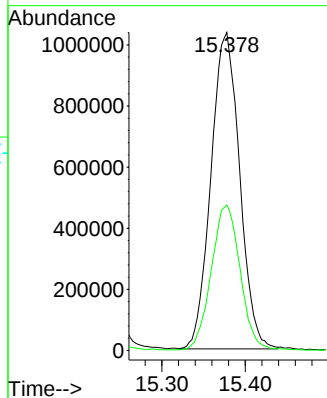
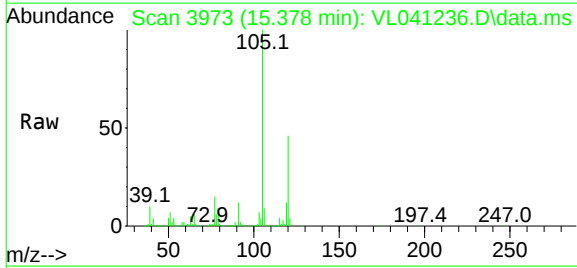
120 45.8 37.0 55.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#74

1,2,4-Trimethylbenzene

Concen: 10.138 ppbv

RT: 16.133 min Scan# 4208

Delta R.T. 0.006 min

Lab File: VL041236.D

Acq: 8 May 2024 10:02

Tgt Ion:105 Resp: 2709778

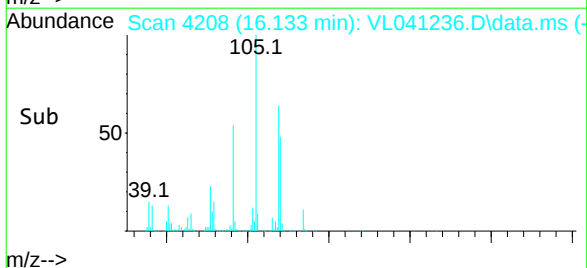
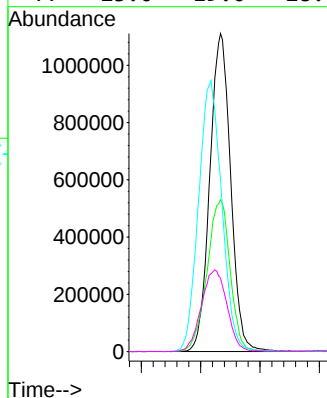
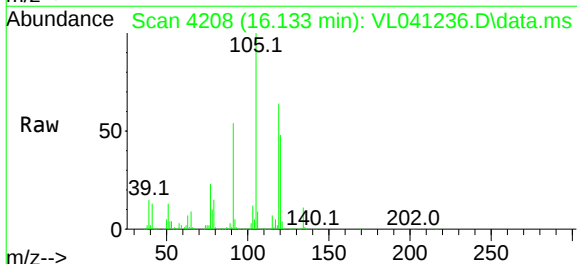
Ion Ratio Lower Upper

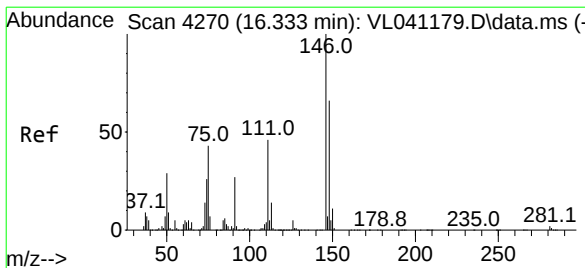
105 100

120 47.6 37.8 56.6

91 54.0 44.3 66.5

77 23.0 19.0 28.4





#75

1,3-Dichlorobenzene

Concen: 10.474 ppbv

RT: 16.359 min Scan# 42

Delta R.T. 0.010 min

Lab File: VL041236.D

Acq: 8 May 2024 10:02

Instrument :

MSVOA_L

ClientSampleId :

VL0508ABS01

Tgt Ion:146 Resp: 1605394

Ion Ratio Lower Upper

146 100

111 46.7 23.7 71.1

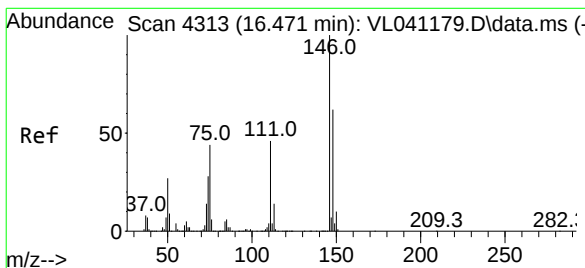
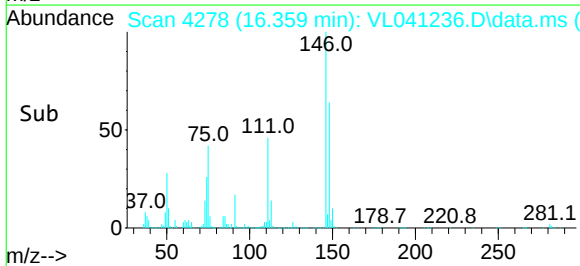
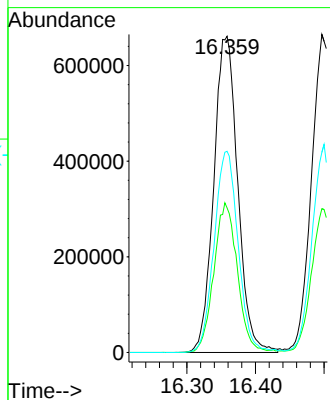
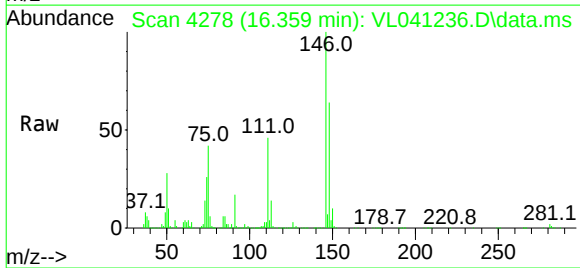
148 64.0 32.5 97.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#76

1,4-Dichlorobenzene

Concen: 10.587 ppbv

RT: 16.497 min Scan# 4321

Delta R.T. 0.003 min

Lab File: VL041236.D

Acq: 8 May 2024 10:02

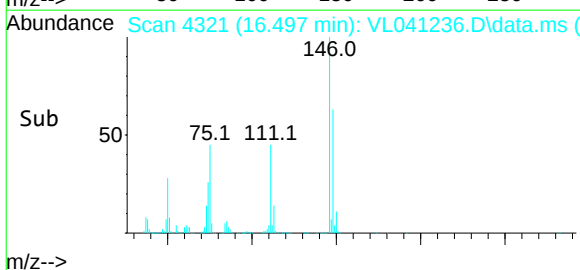
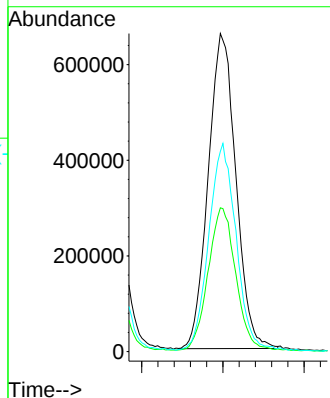
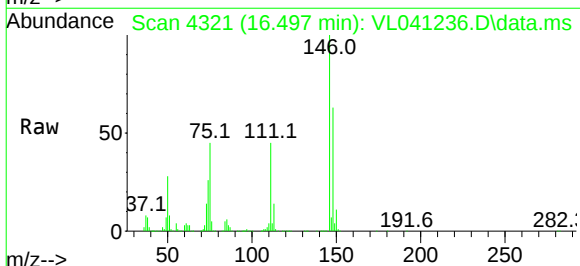
Tgt Ion:146 Resp: 1560486

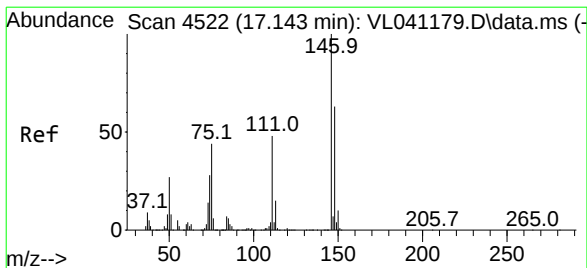
Ion Ratio Lower Upper

146 100

111 46.6 23.3 69.8

148 66.1 32.6 97.7





#77

1,2-Dichlorobenzene

Concen: 10.200 ppbv

RT: 17.169 min Scan# 4522

Delta R.T. 0.006 min

Lab File: VL041236.D

Acq: 8 May 2024 10:02

Instrument :

MSVOA_L

ClientSampleId :

VL0508ABS01

Tgt Ion:146 Resp: 1562725

Ion Ratio Lower Upper

146 100

111 48.3 24.5 73.5

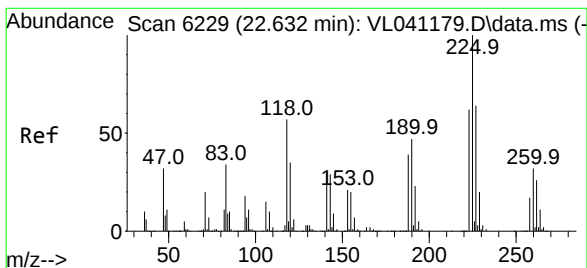
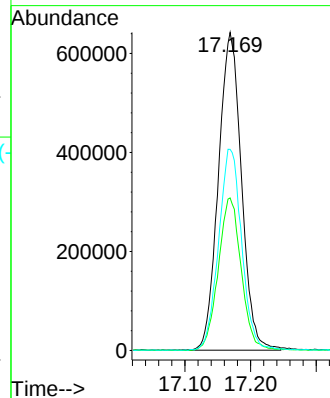
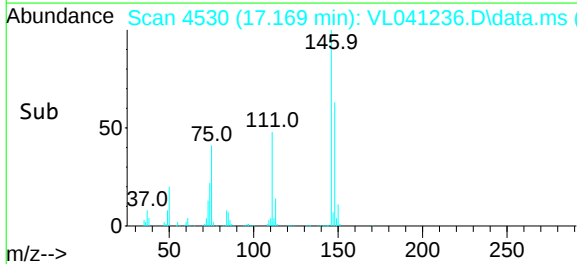
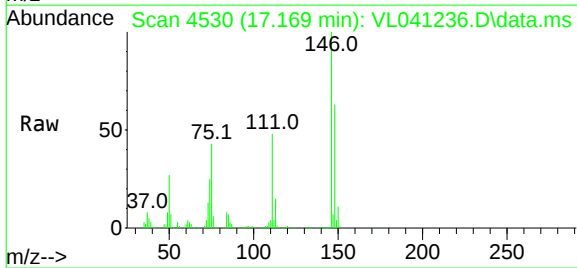
148 63.8 32.6 98.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#78

Hexachloro-1,3-Butadiene

Concen: 8.150 ppbv

RT: 22.664 min Scan# 6239

Delta R.T. 0.006 min

Lab File: VL041236.D

Acq: 8 May 2024 10:02

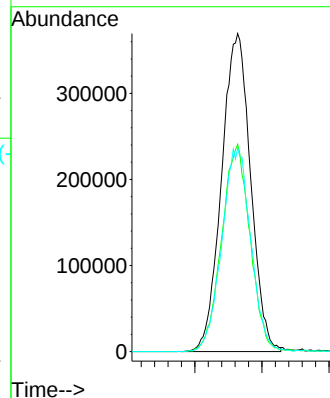
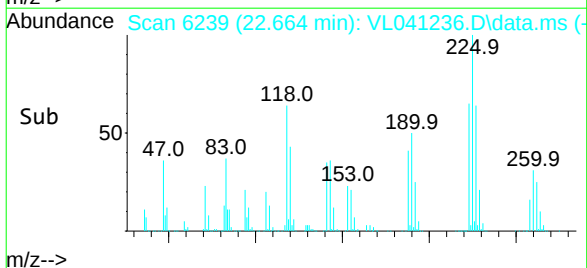
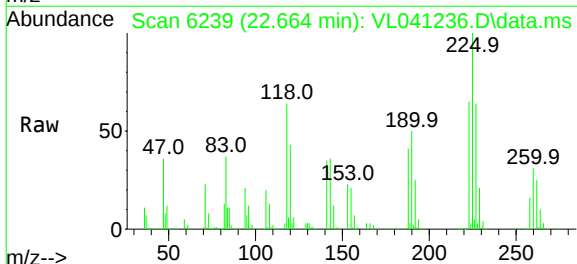
Tgt Ion:225 Resp: 1109777

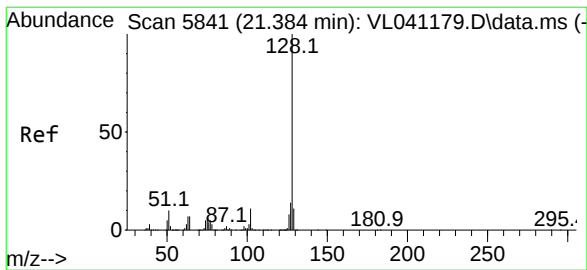
Ion Ratio Lower Upper

225 100

223 64.3 50.9 76.3

227 64.1 52.0 78.0





#79

Naphthalene

Concen: 10.716 ppbv m

RT: 21.413 min Scan# 5841

Delta R.T. 0.010 min

Lab File: VL041236.D

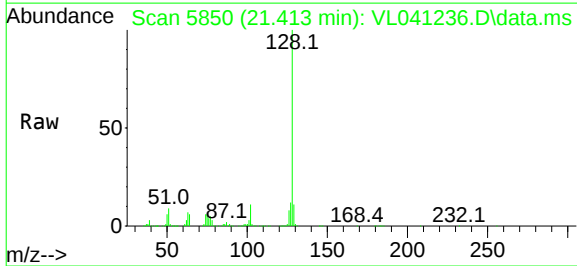
Acq: 8 May 2024 10:02

Instrument :

MSVOA_L

ClientSampleId :

VL0508ABS01



Tgt Ion:128 Resp: 2727645

Ion Ratio Lower Upper

128 100

127 12.4 10.8 16.2

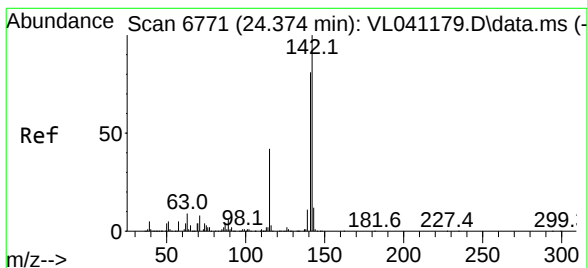
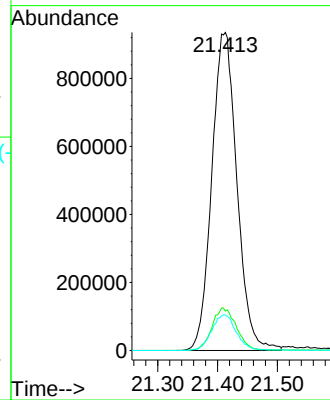
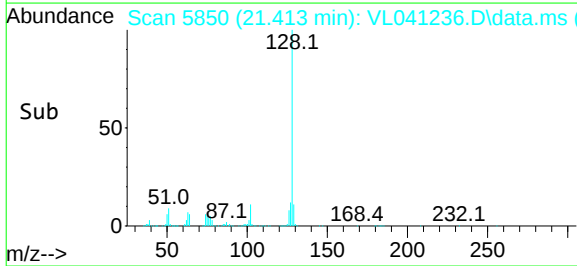
129 11.2 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#80

Naphthalene,2-methyl-

Concen: 8.595 ppbv

RT: 24.397 min Scan# 6778

Delta R.T. 0.006 min

Lab File: VL041236.D

Acq: 8 May 2024 10:02

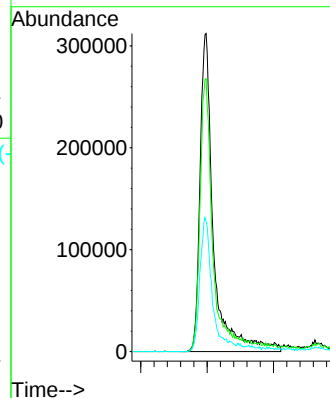
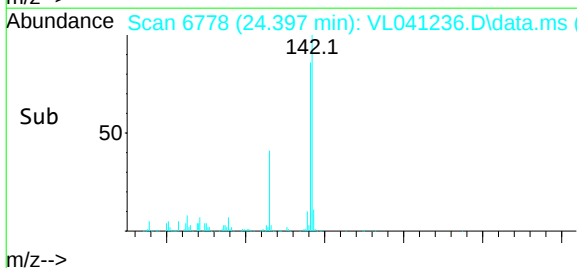
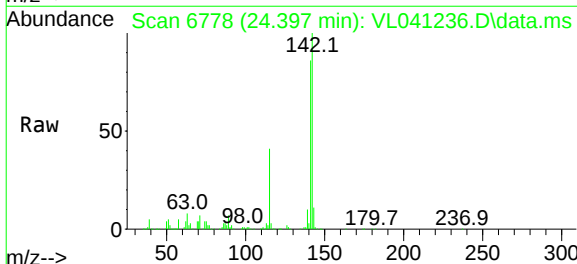
Tgt Ion:142 Resp: 880079

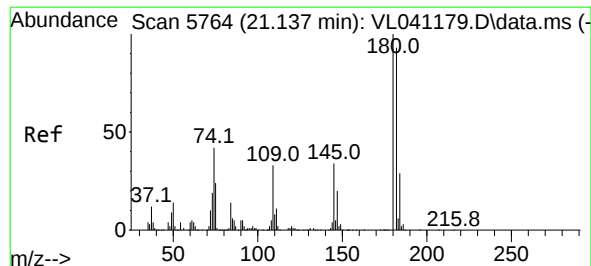
Ion Ratio Lower Upper

142 100

141 82.7 67.9 101.9

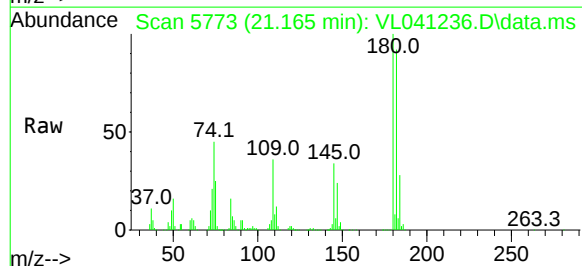
115 39.7 31.4 47.0





#81
1,2,4-Trichlorobenzene
Concen: 9.696 ppbv
RT: 21.165 min Scan# 57
Delta R.T. -0.000 min
Lab File: VL041236.D
Acq: 8 May 2024 10:02

Instrument :
MSVOA_L
ClientSampleId :
VL0508ABS01



Tgt Ion:180 Resp: 1303207
Ion Ratio Lower Upper
180 100
182 96.2 77.2 115.8
184 30.2 24.6 36.8

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024

