

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050924\
 Data File : VL041251.D
 Acq On : 9 May 2024 10:12
 Operator : SY/MD
 Sample : VL0509ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0509ABS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/10/2024
 Supervised By :Mahesh Dadoda 05/10/2024

Quant Time: May 10 01:24:29 2024

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

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

QLast Update : Fri May 10 01:23:08 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.208	49	811861	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.671	114	2116799	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.481	117	2118121m	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.786	95	1589577	9.941	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.745	85	1205448	10.977	ppbv	98
3) Chlorodifluoromethane	2.690	51	1324596	10.743	ppbv	98
4) Chloromethane	2.828	50	506743	10.474	ppbv	94
5) Vinyl Chloride	2.938	62	511679	10.527	ppbv	98
6) Bromomethane	3.134	94	190993	10.770	ppbv	96
7) Chloroethane	3.214	64	181482	10.575	ppbv	100
8) Dichlorotetrafluoroethane	2.873	85	1249490	10.993	ppbv	99
9) Propene	2.709	41	474265	9.828	ppbv	99
10) Heptane	7.594	43	1162835	9.946	ppbv	99
11) Trichlorofluoromethane	3.578	101	1287452	11.535	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.079	101	897685	10.876	ppbv	98
13) Ethanol	3.256	45	112907	10.438	ppbv	98
14) Bromoethene	3.382	108	369560	10.850	ppbv	98
15) Acetone	3.481	43	933269	9.740	ppbv	98
16) 1,3-Butadiene	2.999	39	507148	10.485	ppbv	99
17) tert-Butyl alcohol	3.893	59	921399	8.915	ppbv	98
18) 1,1-Dichloroethene	3.893	96	398536	10.830	ppbv	92
19) Isopropyl Alcohol	3.591	45	671811	10.685	ppbv #	45
20) Methylene Chloride	3.944	84	334158	10.029	ppbv	95
21) Allyl Chloride	4.012	41	629627	10.078	ppbv	96
22) trans-1,2-Dichloroethene	4.462	96	415942	10.869	ppbv	98
23) Vinyl Acetate	4.642	43	1081831	10.254	ppbv	98
24) 1,1-Dichloroethane	4.578	63	894954	10.909	ppbv	100
25) Ethyl Acetate	5.217	43	1946797	10.180	ppbv	100
26) Hexane	5.227	57	854142	10.008	ppbv	99
27) Carbon Disulfide	4.137	76	1069063	10.582	ppbv	96
28) Methyl tert-Butyl Ether	4.600	73	659867	9.710	ppbv	99
29) Chloroform	5.288	83	1316026	11.178	ppbv	98
30) Cyclohexane	6.616	84	716530	10.606	ppbv	97
31) cis-1,2-Dichloroethene	5.092	61	857084	10.727	ppbv	94
32) 1,1,1-Trichloroethane	6.018	97	1324769	11.277	ppbv	99
34) 2-Butanone	4.803	43	1080811	10.032	ppbv	100
35) Carbon Tetrachloride	6.507	117	1361511	11.461	ppbv	100
36) Benzene	6.385	78	1798409	10.124	ppbv	99
37) 1,2-Dichloroethane	5.822	62	1038219	11.202	ppbv	100
38) Trichloroethene	7.304	130	695903	10.512	ppbv	98
39) 1,2-Dichloropropane	7.089	63	691429	10.100	ppbv	97
40) 1,4-Dioxane	7.298	88	291689m	11.926	ppbv	
41) Tetrahydrofuran	5.571	42	758866	9.730	ppbv	100
42) Bromodichloromethane	7.266	83	1496658	11.259	ppbv	97
43) Methyl Methacrylate	7.487	69	727714	10.128	ppbv	97
44) 2,2,4-Trimethylpentane	7.340	57	3043039	9.935	ppbv	100
45) t-1,3-Dichloropropene	8.725	75	563904	10.831	ppbv	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050924\
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Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 05/10/2024
 Supervised By : Mahesh Dadoda 05/10/2024

Quant Time: May 10 01:24:29 2024

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

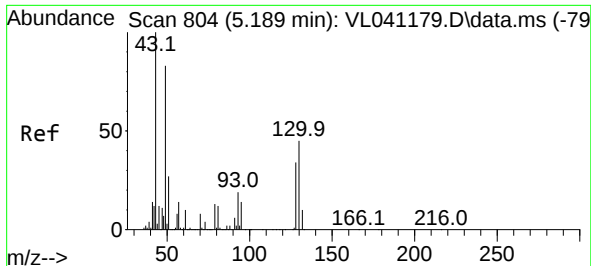
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Fri May 10 01:23:08 2024

Response via : Initial Calibration

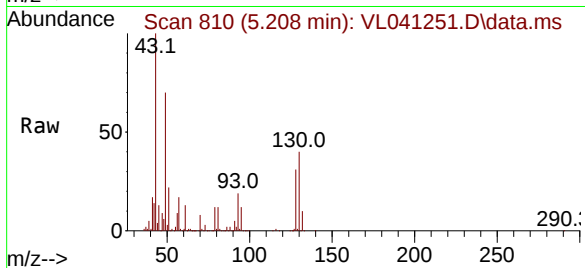
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.156	75	668653	10.490	ppbv	97
47) 1,1,2-Trichloroethane	8.915	97	731971	10.682	ppbv	99
48) Dibromochloromethane	9.725	129	1275686	11.684	ppbv	99
49) Bromoform	12.420	173	1036827	11.163	ppbv	99
50) 4-Methyl-2-Pentanone	8.195	43	1890320	9.777	ppbv	100
51) 2-Hexanone	9.565	43	1399805	9.760	ppbv #	98
52) Tetrachloroethene	10.629	164	643008	10.299	ppbv	97
53) Toluene	9.233	91	2118061	10.283	ppbv	99
54) 1,2-Dibromoethane	10.024	107	1044164	11.251	ppbv	97
56) 1,1,1,2-Tetrachloroethane	11.519	131	925392	10.775	ppbv	97
57) Chlorobenzene	11.539	112	1592229	10.264	ppbv	96
58) Ethyl Benzene	12.101	91	2845672	9.798	ppbv	99
59) m/p-Xylene	12.384	91	4825879m	19.770	ppbv	
60) o-Xylene	13.069	91	2276108	9.947	ppbv	100
61) Styrene	12.912	104	1247685	10.322	ppbv	98
62) Isopropylbenzene	14.043	105	3442394	10.058	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.060	83	1615637	10.359	ppbv	100
64) n-propylbenzene	14.931	120	895978	10.493	ppbv	97
65) tert-Butylbenzene	16.104	119	3002315	9.794	ppbv	100
66) Benzyl Chloride	16.342	91	257213m	7.412	ppbv	
67) sec-Butylbenzene	16.651	105	4279753	9.918	ppbv	99
69) p-Isopropyltoluene	17.008	119	3552123	9.989	ppbv	100
70) n-Butylbenzene	17.899	91	3733108	10.052	ppbv	99
71) 2-Chlorotoluene	14.815	91	2638093	10.124	ppbv	98
72) 4-Ethyltoluene	15.204	105	2718402	10.489	ppbv	100
73) 1,3,5-Trimethylbenzene	15.362	105	2388569	10.186	ppbv	98
74) 1,2,4-Trimethylbenzene	16.117	105	2598398	10.146	ppbv	95
75) 1,3-Dichlorobenzene	16.346	146	1535259	10.454	ppbv	100
76) 1,4-Dichlorobenzene	16.487	146	1521812	10.776	ppbv	99
77) 1,2-Dichlorobenzene	17.156	146	1500182	10.220	ppbv	100
78) Hexachloro-1,3-Butadiene	22.644	225	1062019	8.140	ppbv	99
79) Naphthalene	21.397	128	2623146	10.756	ppbv	98
80) Naphthalene,2-methyl-	24.384	142	810982	8.266	ppbv	96
81) 1,2,4-Trichlorobenzene	21.156	180	1245271	9.670	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.208 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL041251.D
Acq: 9 May 2024 10:12

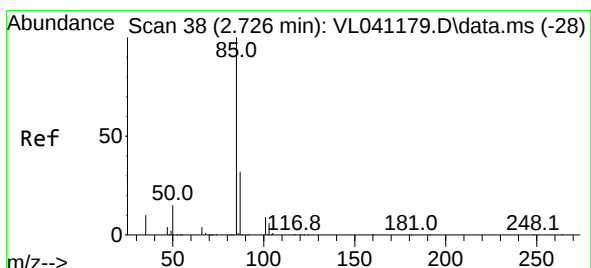
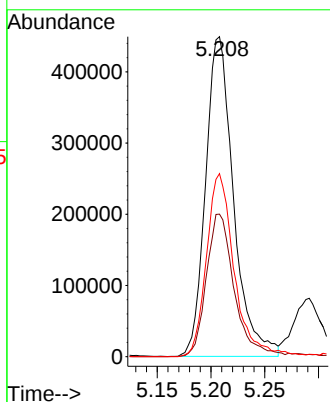
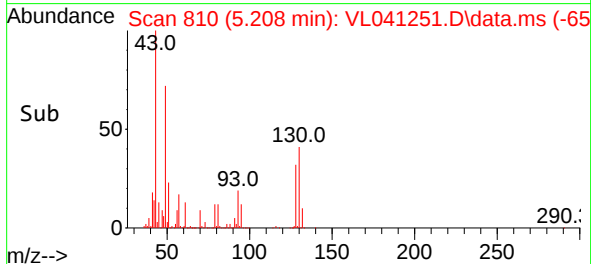
Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01



Tgt Ion: 49 Resp: 81186
Ion Ratio Lower Upper
49 100
128 45.7 21.5 64.5
130 58.0 27.2 81.6

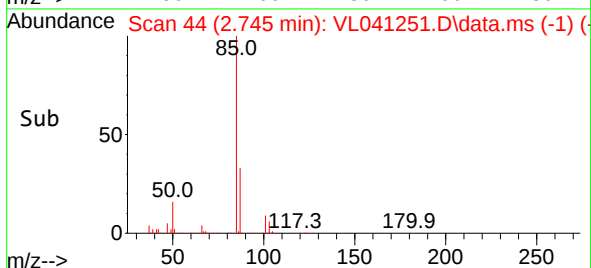
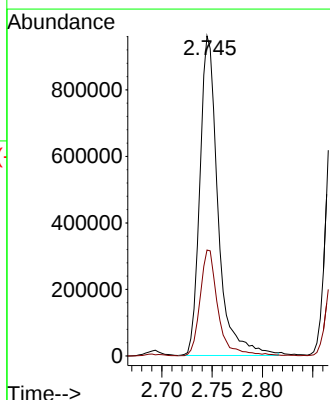
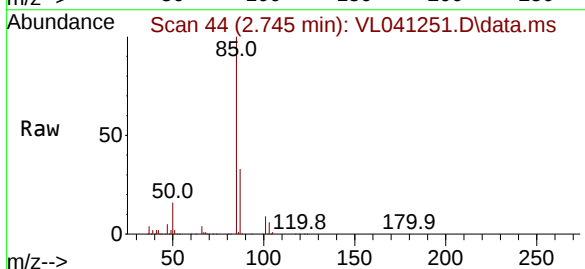
Manual Integrations
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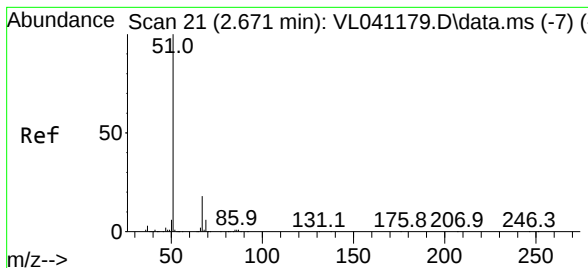
Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#2
Dichlorodifluoromethane
Concen: 10.977 ppbv
RT: 2.745 min Scan# 44
Delta R.T. -0.000 min
Lab File: VL041251.D
Acq: 9 May 2024 10:12

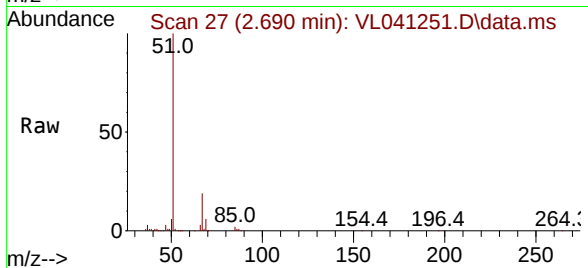
Tgt Ion: 85 Resp: 1205448
Ion Ratio Lower Upper
85 100
87 33.1 25.7 38.5





#3
Chlorodifluoromethane
Concen: 10.743 ppbv
RT: 2.690 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL041251.D
Acq: 9 May 2024 10:12

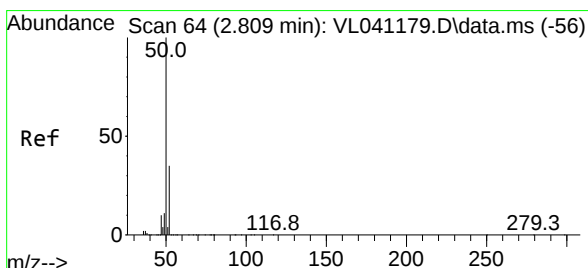
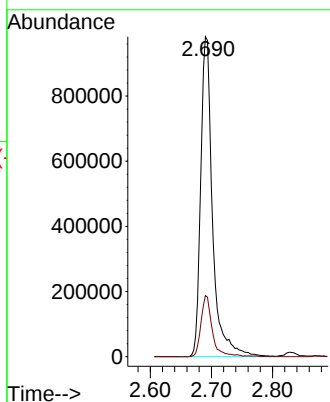
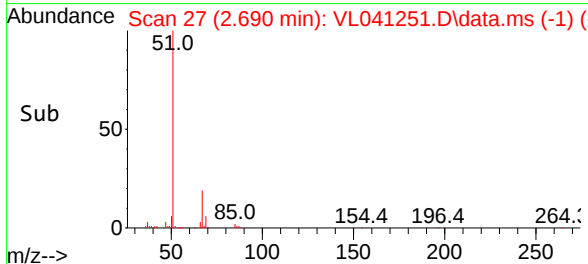
Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01



Tgt Ion: 51 Resp: 1324590
Ion Ratio Lower Upper
51 100
67 18.4 14.0 21.0

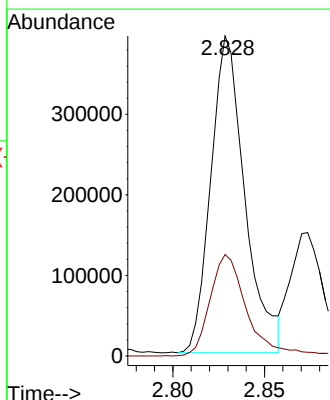
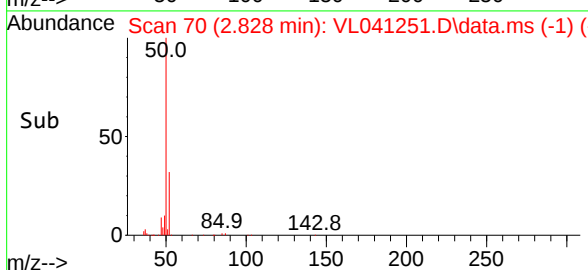
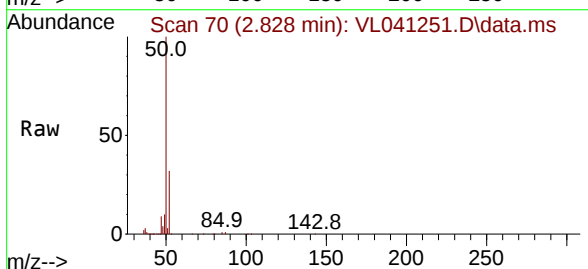
Manual Integrations
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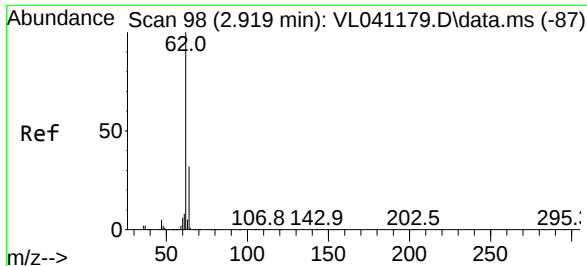
Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#4
Chloromethane
Concen: 10.474 ppbv
RT: 2.828 min Scan# 70
Delta R.T. -0.000 min
Lab File: VL041251.D
Acq: 9 May 2024 10:12

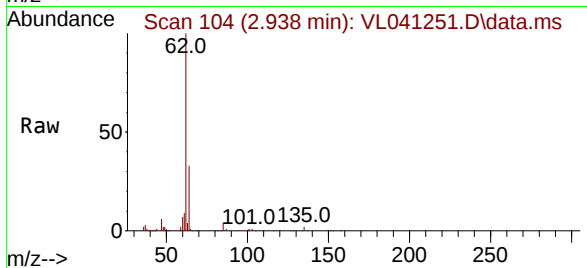
Tgt Ion: 50 Resp: 506743
Ion Ratio Lower Upper
50 100
52 31.9 28.3 42.5





#5
Vinyl Chloride
Concen: 10.527 ppbv
RT: 2.938 min Scan# 104
Delta R.T. 0.003 min
Lab File: VL041251.D
Acq: 9 May 2024 10:12

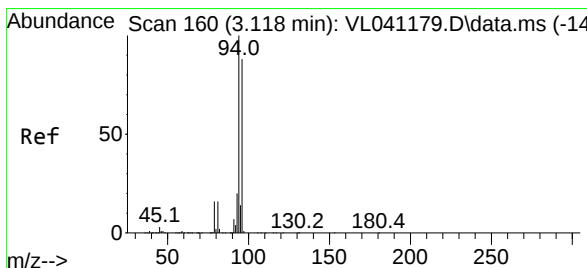
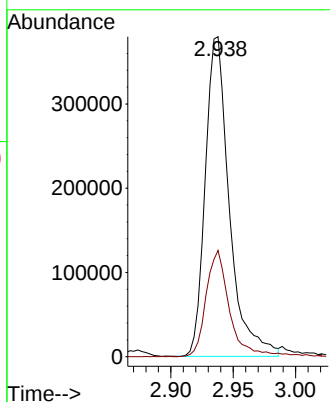
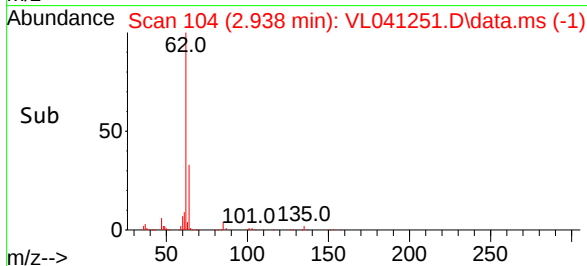
Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01



Tgt Ion: 62 Resp: 511679
Ion Ratio Lower Upper
62 100
64 33.2 25.7 38.5

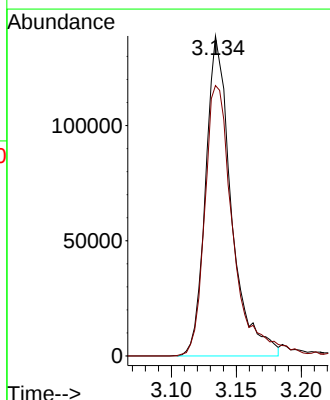
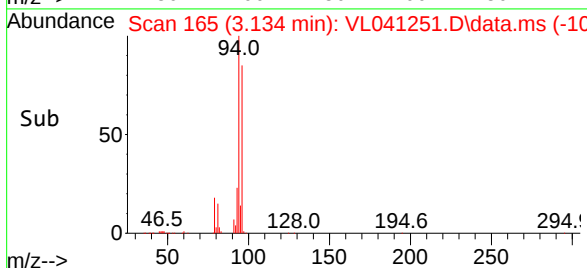
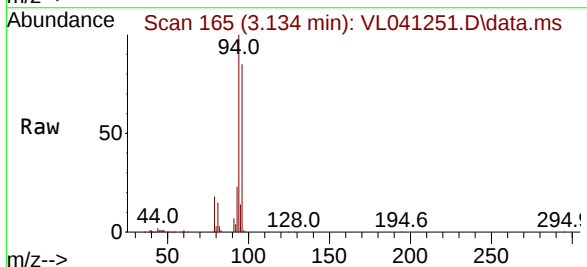
Manual Integrations
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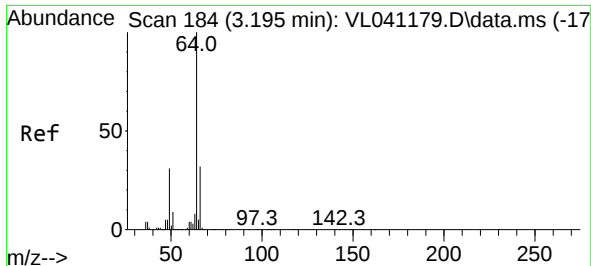
Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#6
Bromomethane
Concen: 10.770 ppbv
RT: 3.134 min Scan# 165
Delta R.T. -0.000 min
Lab File: VL041251.D
Acq: 9 May 2024 10:12

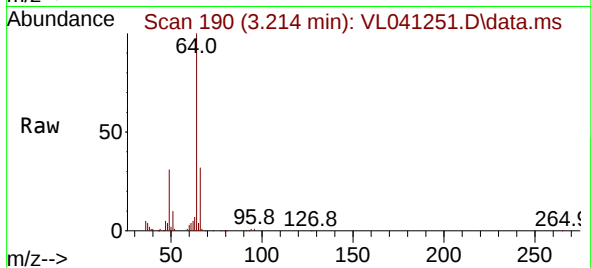
Tgt Ion: 94 Resp: 190993
Ion Ratio Lower Upper
94 100
96 84.3 70.1 105.1





#7
Chloroethane
Concen: 10.575 ppbv
RT: 3.214 min Scan# 184
Delta R.T. -0.000 min
Lab File: VL041251.D
Acq: 9 May 2024 10:12

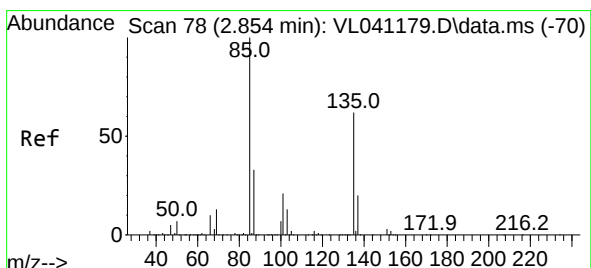
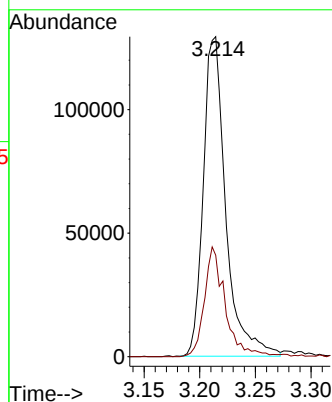
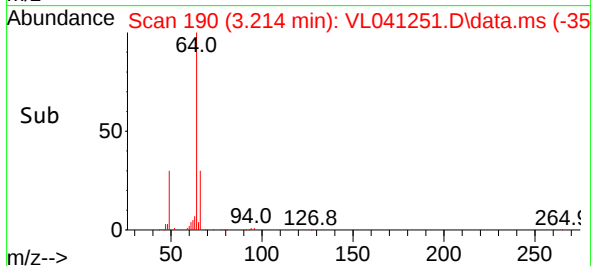
Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01



Tgt Ion: 64 Resp: 18148
Ion Ratio Lower Upper
64 100
66 31.7 25.4 38.2

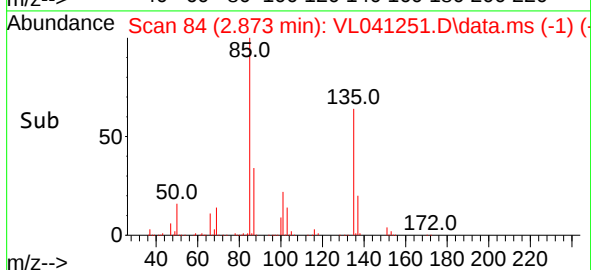
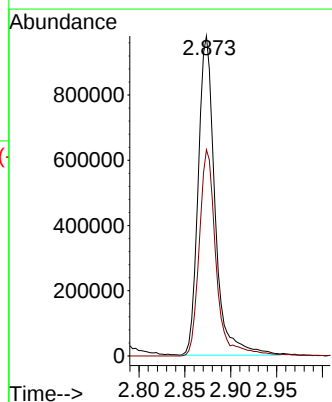
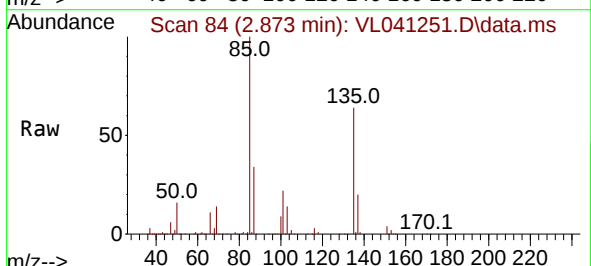
Manual Integrations
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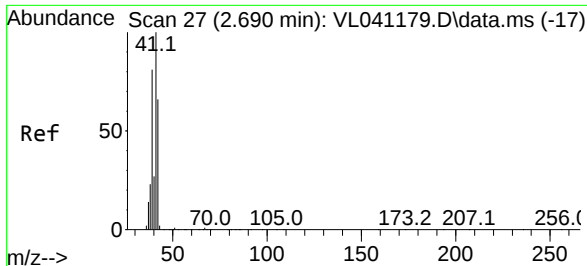
Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#8
Dichlorotetrafluoroethane
Concen: 10.993 ppbv
RT: 2.873 min Scan# 84
Delta R.T. -0.000 min
Lab File: VL041251.D
Acq: 9 May 2024 10:12

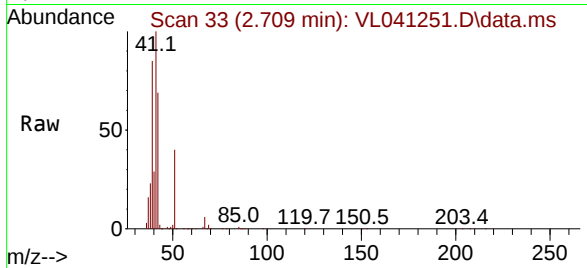
Tgt Ion: 85 Resp: 1249490
Ion Ratio Lower Upper
85 100
135 65.3 51.5 77.3





#9
Propene
Concen: 9.828 ppbv
RT: 2.709 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL041251.D
Acq: 9 May 2024 10:12

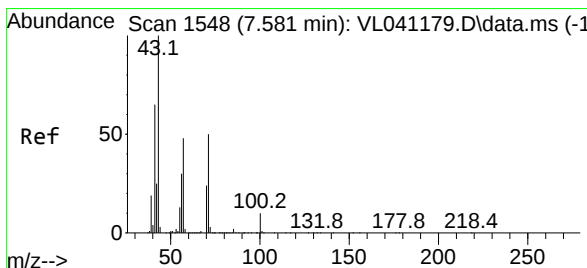
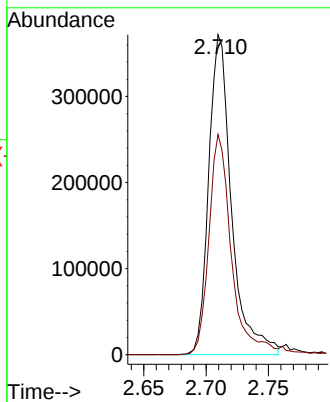
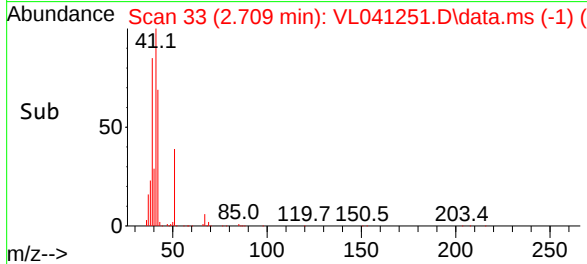
Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01



Tgt Ion: 41 Resp: 47426
Ion Ratio Lower Upper
41 100
42 69.6 55.3 82.9

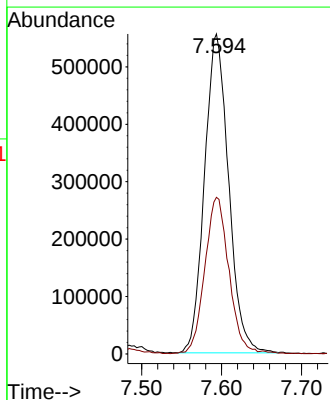
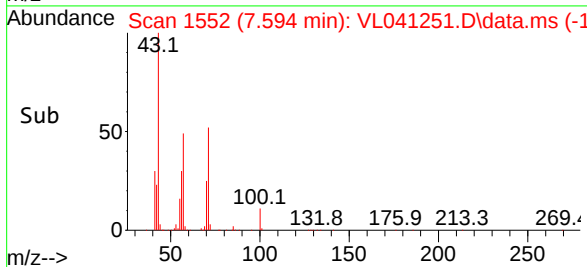
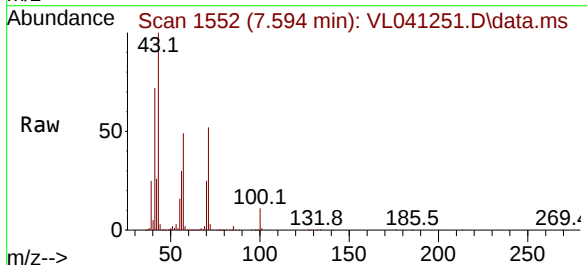
Manual Integrations
APPROVED

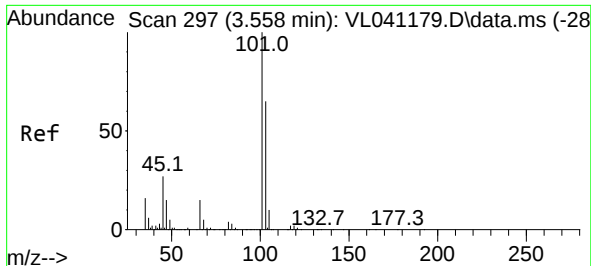
Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#10
Heptane
Concen: 9.946 ppbv
RT: 7.594 min Scan# 1552
Delta R.T. -0.003 min
Lab File: VL041251.D
Acq: 9 May 2024 10:12

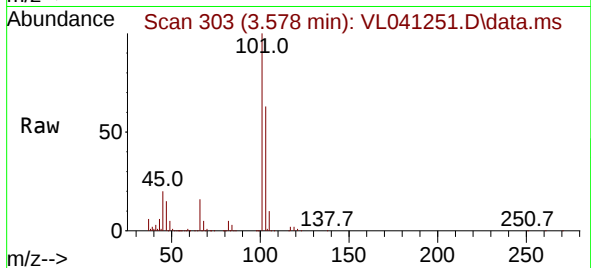
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Ion Ratio Lower Upper
43 100
57 49.3 38.7 58.1





#11
Trichlorofluoromethane
Concen: 11.535 ppbv
RT: 3.578 min Scan# 303
Delta R.T. -0.000 min
Lab File: VL041251.D
Acq: 9 May 2024 10:12

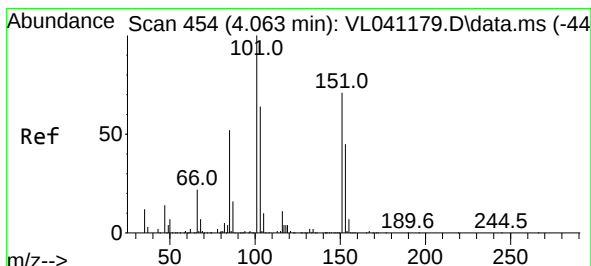
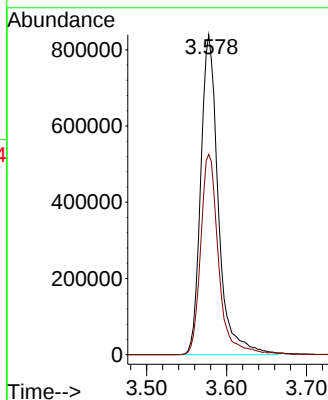
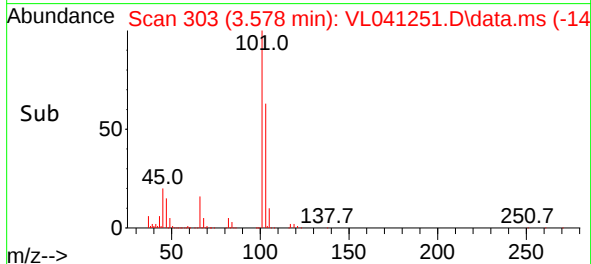
Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01



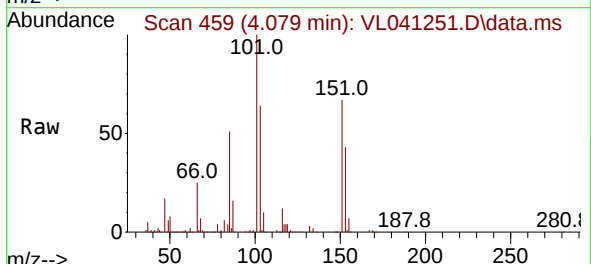
Tgt Ion:101 Resp: 1287452
Ion Ratio Lower Upper
101 100
103 62.6 51.6 77.4

Manual Integrations
APPROVED

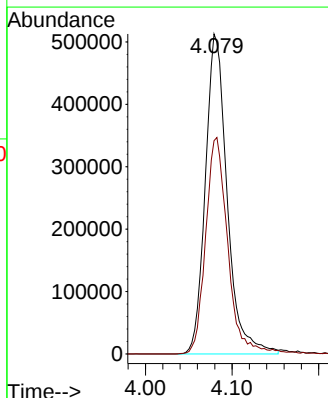
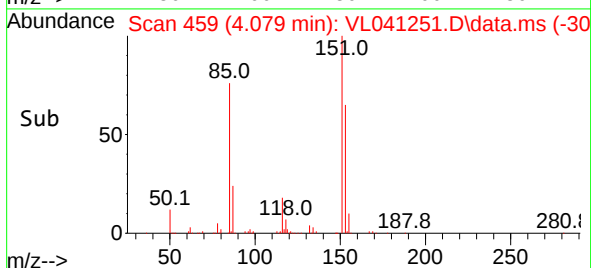
Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024

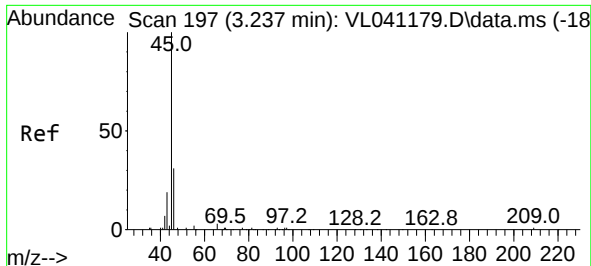


#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.876 ppbv
RT: 4.079 min Scan# 459
Delta R.T. -0.000 min
Lab File: VL041251.D
Acq: 9 May 2024 10:12



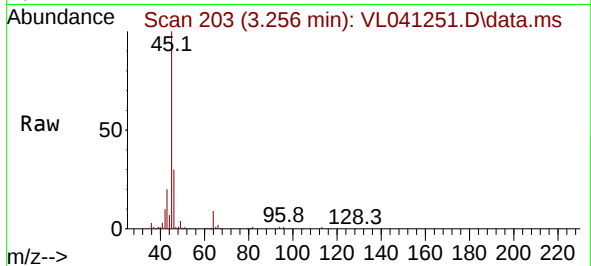
Tgt Ion:101 Resp: 897685
Ion Ratio Lower Upper
101 100
151 69.1 56.8 85.2





#13
Ethanol
Concen: 10.438 ppbv
RT: 3.256 min Scan# 20
Delta R.T. -0.000 min
Lab File: VL041251.D
Acq: 9 May 2024 10:12

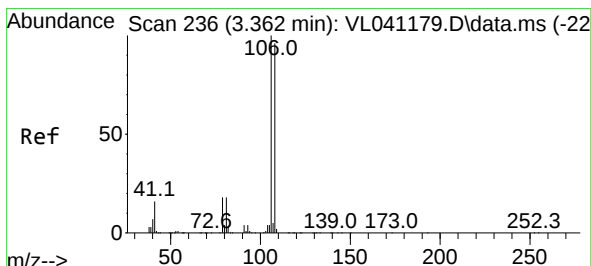
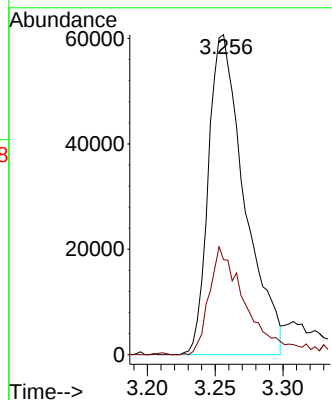
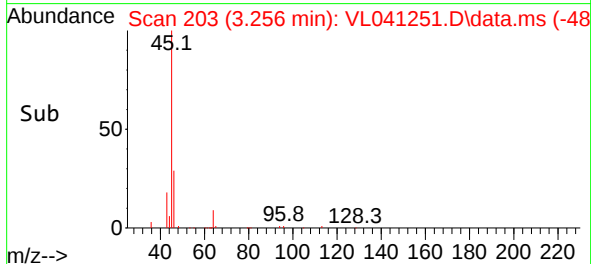
Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01



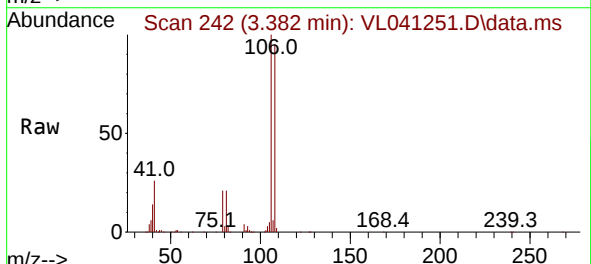
Tgt Ion: 45 Resp: 11290
Ion Ratio Lower Upper
45 100
46 35.5 14.8 59.0

Manual Integrations
APPROVED

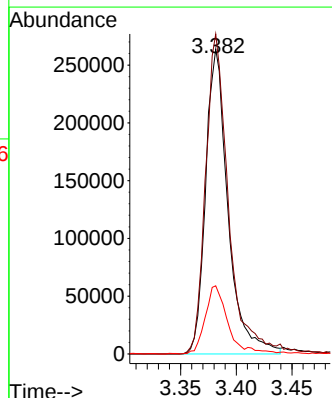
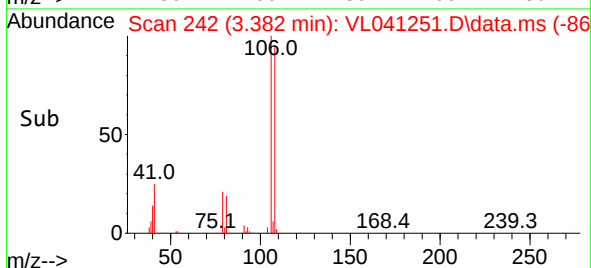
Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024

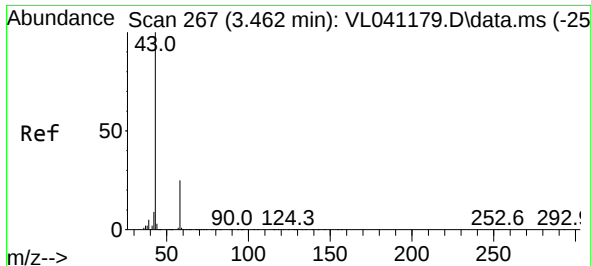


#14
Bromoethene
Concen: 10.850 ppbv
RT: 3.382 min Scan# 242
Delta R.T. -0.000 min
Lab File: VL041251.D
Acq: 9 May 2024 10:12



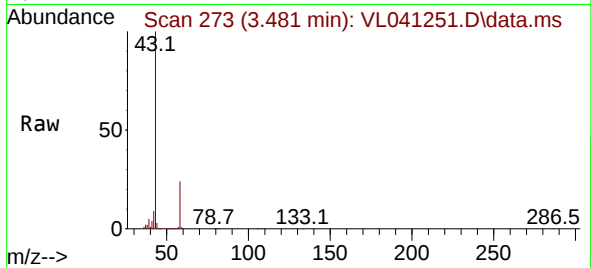
Tgt Ion:108 Resp: 369560
Ion Ratio Lower Upper
108 100
106 108.9 88.2 132.4
79 23.6 17.4 26.0





#15
Acetone
Concen: 9.740 ppbv
RT: 3.481 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL041251.D
Acq: 9 May 2024 10:12

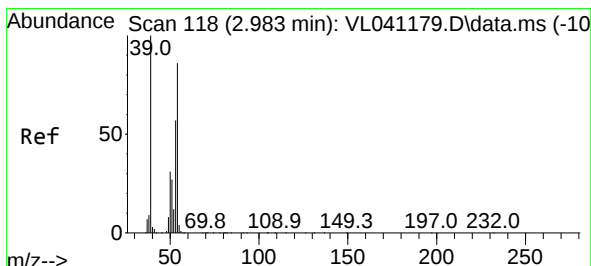
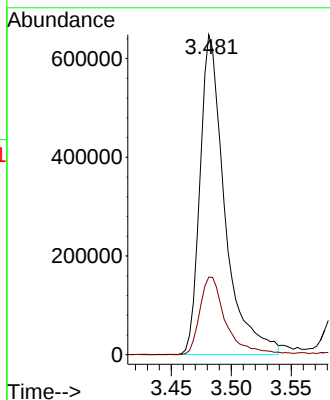
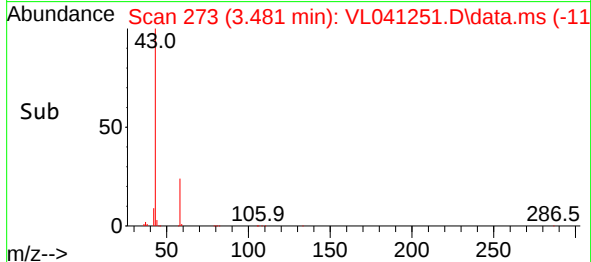
Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01



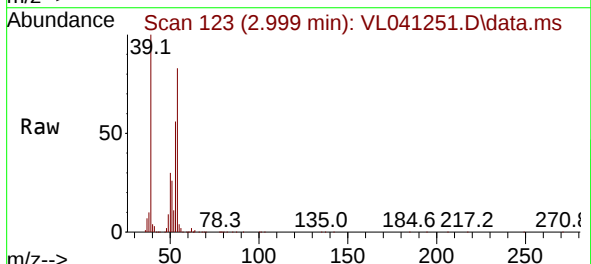
Tgt Ion: 43 Resp: 933269
Ion Ratio Lower Upper
43 100
58 25.6 21.4 32.0

Manual Integrations
APPROVED

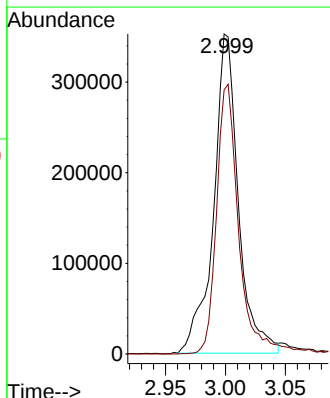
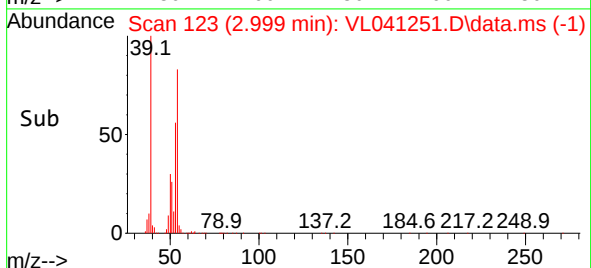
Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024

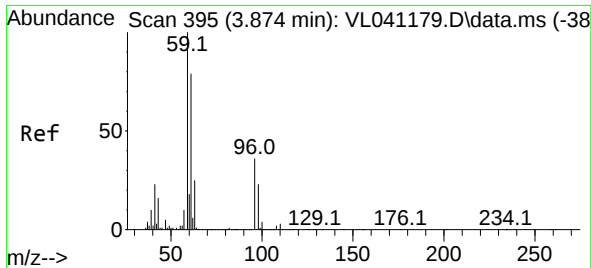


#16
1,3-Butadiene
Concen: 10.485 ppbv
RT: 2.999 min Scan# 123
Delta R.T. -0.000 min
Lab File: VL041251.D
Acq: 9 May 2024 10:12



Tgt Ion: 39 Resp: 507148
Ion Ratio Lower Upper
39 100
54 76.7 62.2 93.4





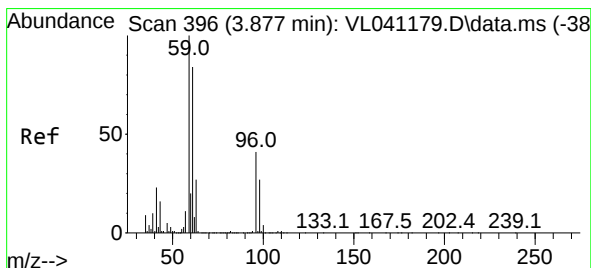
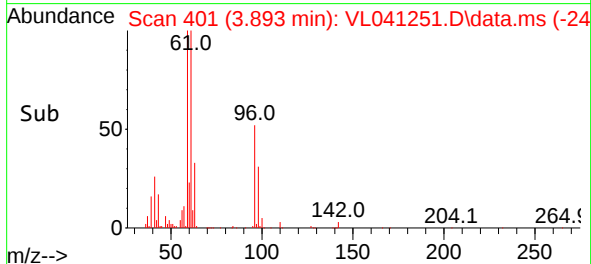
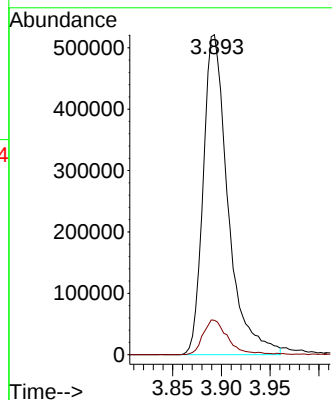
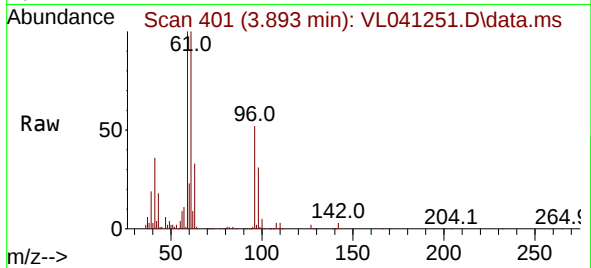
#17
tert-Butyl alcohol
Concen: 8.915 ppbv
RT: 3.893 min Scan# 401
Delta R.T. 0.003 min
Lab File: VL041251.D
Acq: 9 May 2024 10:12

Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01

Tgt Ion: 59 Resp: 921399
Ion Ratio Lower Upper
59 100
57 11.2 8.4 12.6

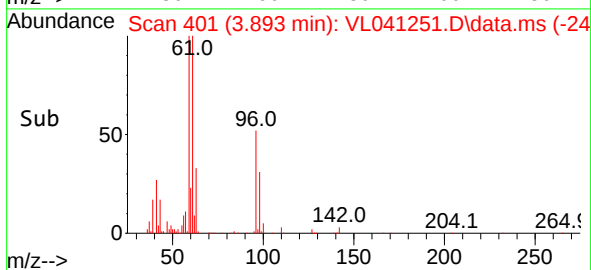
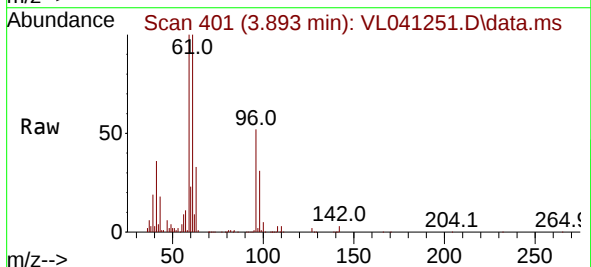
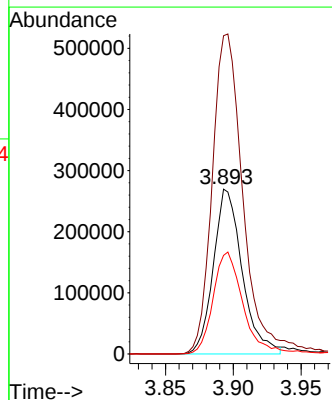
Manual Integrations
APPROVED

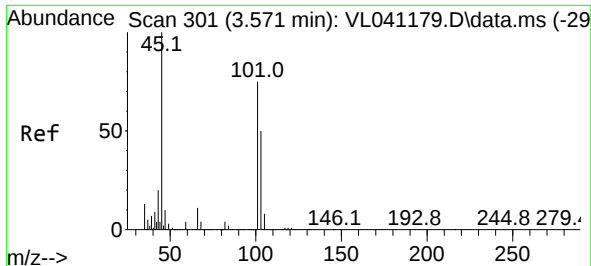
Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#18
1,1-Dichloroethene
Concen: 10.830 ppbv
RT: 3.893 min Scan# 401
Delta R.T. -0.003 min
Lab File: VL041251.D
Acq: 9 May 2024 10:12

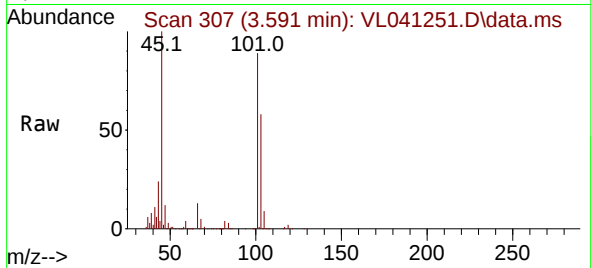
Tgt Ion: 96 Resp: 398536
Ion Ratio Lower Upper
96 100
61 192.9 164.4 246.6
98 59.8 51.8 77.8





#19
Isopropyl Alcohol
Concen: 10.685 ppbv
RT: 3.591 min Scan# 301
Delta R.T. -0.000 min
Lab File: VL041251.D
Acq: 9 May 2024 10:12

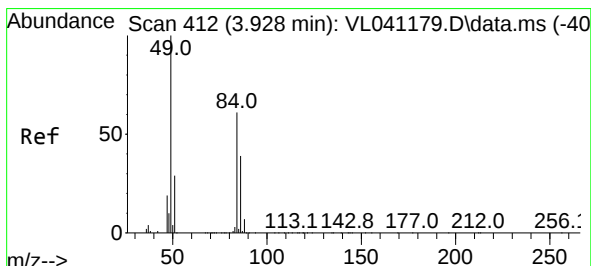
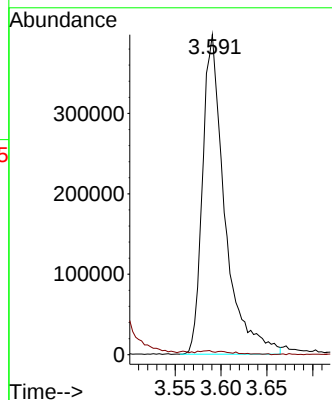
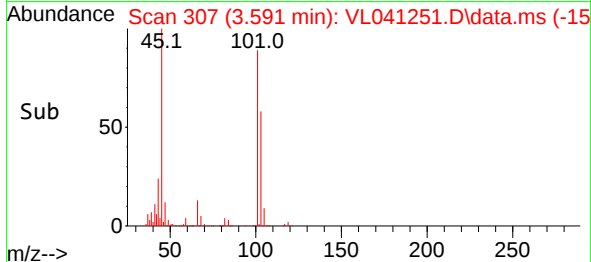
Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01



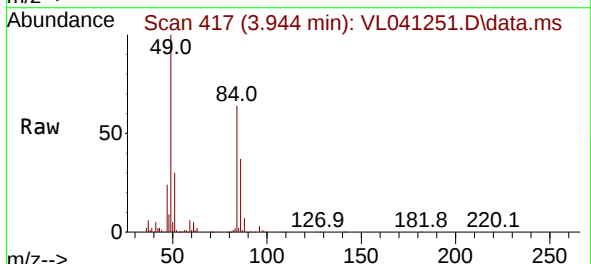
Tgt Ion: 45 Resp: 67181
Ion Ratio Lower Upper
45 100
58 2.1 26.8 40.2

Manual Integrations
APPROVED

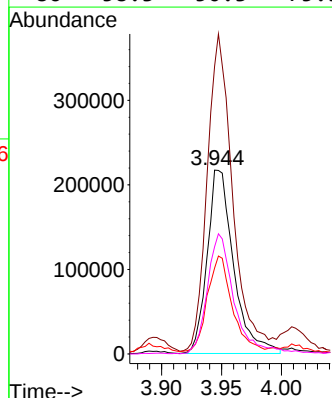
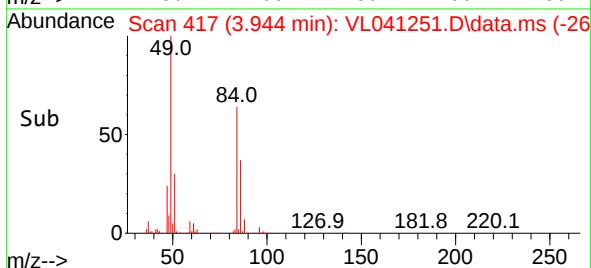
Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024

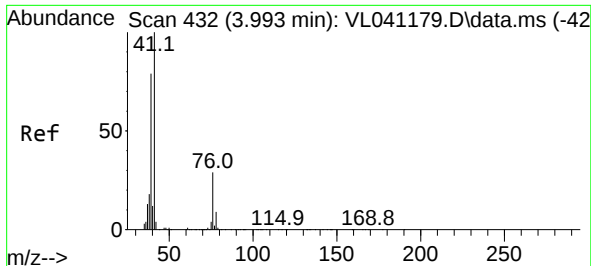


#20
Methylene Chloride
Concen: 10.029 ppbv
RT: 3.944 min Scan# 417
Delta R.T. -0.003 min
Lab File: VL041251.D
Acq: 9 May 2024 10:12



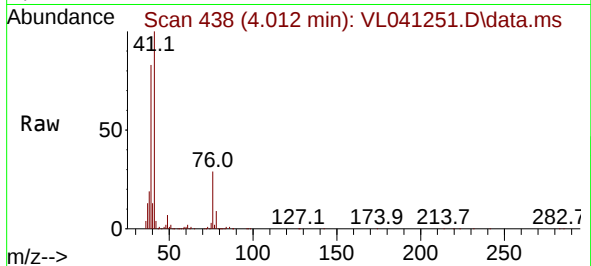
Tgt Ion: 84 Resp: 334158
Ion Ratio Lower Upper
84 100
49 155.4 130.4 195.6
51 45.7 38.0 57.0
86 58.3 50.3 75.5





#21
 Allyl Chloride
 Concen: 10.078 ppbv
 RT: 4.012 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL041251.D
 Acq: 9 May 2024 10:12

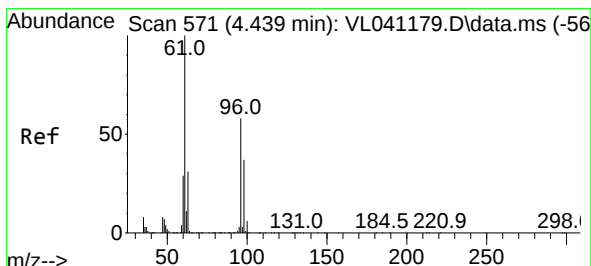
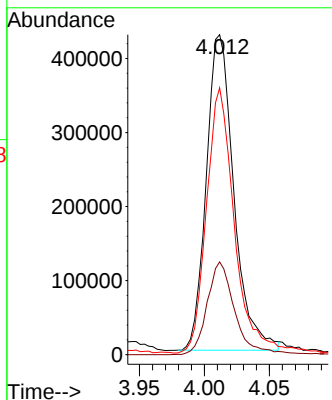
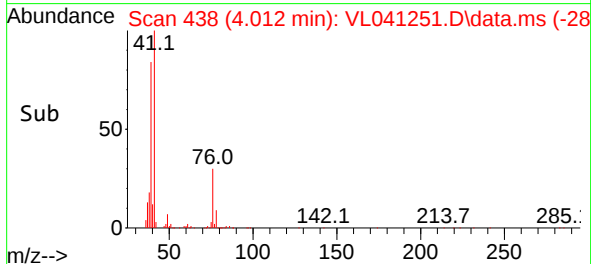
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0509ABS01



Tgt Ion: 41 Resp: 62962
 Ion Ratio Lower Upper
 41 100
 76 29.6 23.7 35.5
 39 86.2 64.7 97.1

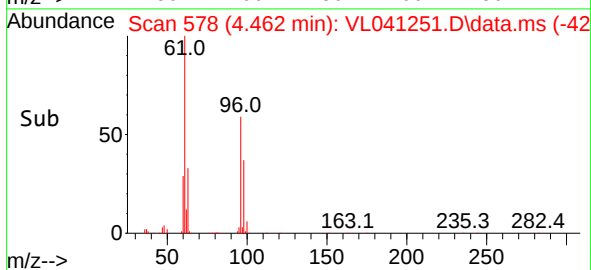
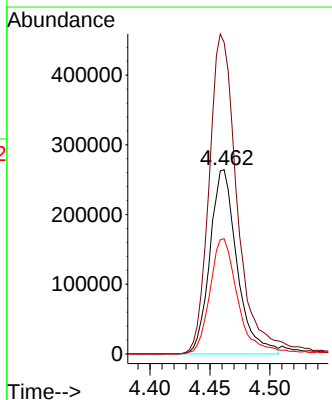
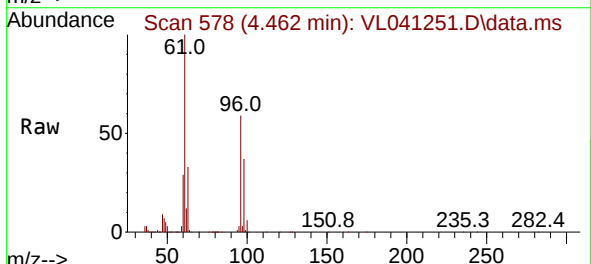
Manual Integrations
 APPROVED

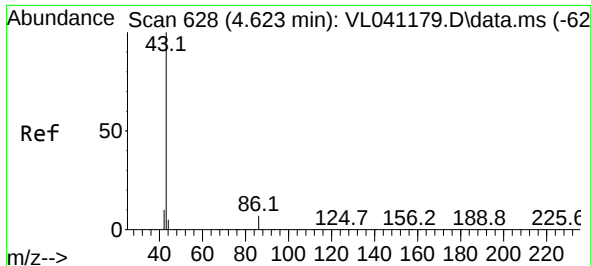
Reviewed By :Semsettin Yesilyurt 05/10/2024
 Supervised By :Mahesh Dadoda 05/10/2024



#22
 trans-1,2-Dichloroethene
 Concen: 10.869 ppbv
 RT: 4.462 min Scan# 578
 Delta R.T. -0.000 min
 Lab File: VL041251.D
 Acq: 9 May 2024 10:12

Tgt Ion: 96 Resp: 415942
 Ion Ratio Lower Upper
 96 100
 61 168.8 137.6 206.4
 98 62.5 50.6 76.0





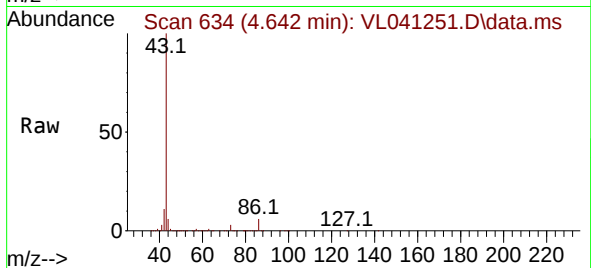
#23
 Vinyl Acetate
 Concen: 10.254 ppbv
 RT: 4.642 min Scan# 614
 Delta R.T. 0.003 min
 Lab File: VL041251.D
 Acq: 9 May 2024 10:12

Instrument :

MSVOA_L

ClientSampleId :

VL0509ABS01



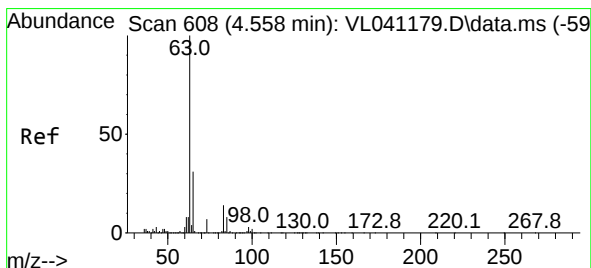
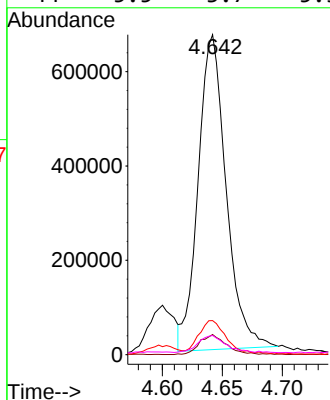
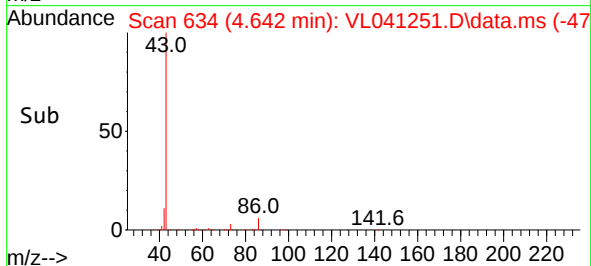
Tgt Ion: 43 Resp: 108183

Ion	Ratio	Lower	Upper
43	100		
86	6.3	4.9	7.3
42	10.7	8.0	12.0
44	5.5	3.7	5.5

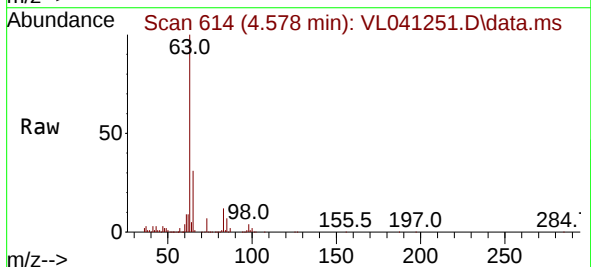
Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/10/2024
 Supervised By :Mahesh Dadoda 05/10/2024

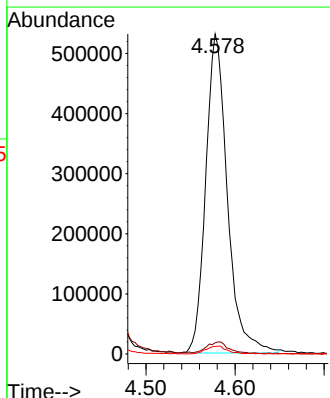
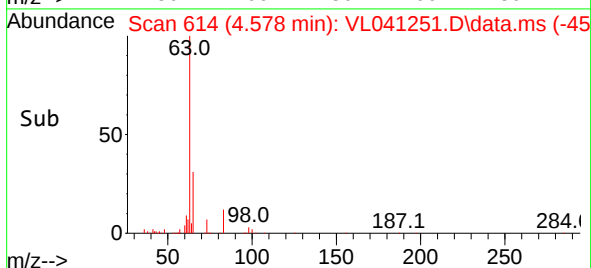


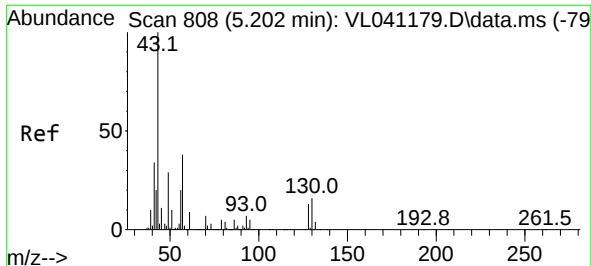
#24
 1,1-Dichloroethane
 Concen: 10.909 ppbv
 RT: 4.578 min Scan# 614
 Delta R.T. -0.000 min
 Lab File: VL041251.D
 Acq: 9 May 2024 10:12



Tgt Ion: 63 Resp: 894954

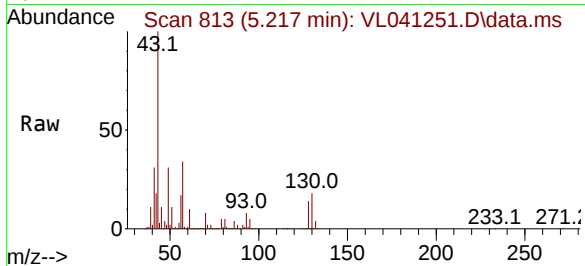
Ion	Ratio	Lower	Upper
63	100		
98	3.3	1.6	4.8
100	2.4	1.1	3.5





#25
Ethyl Acetate
Concen: 10.180 ppbv
RT: 5.217 min Scan# 813
Delta R.T. -0.003 min
Lab File: VL041251.D
Acq: 9 May 2024 10:12

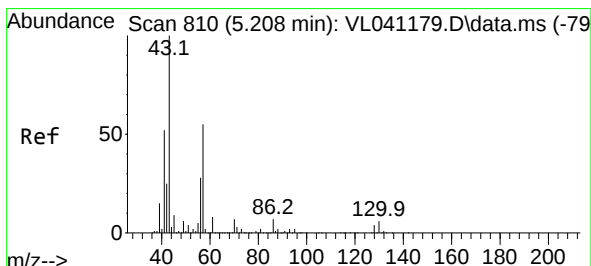
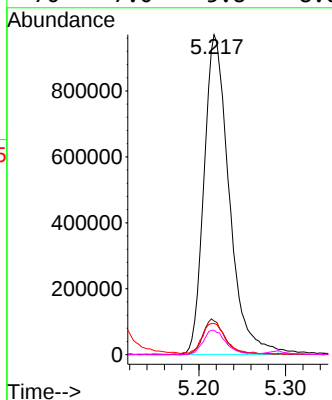
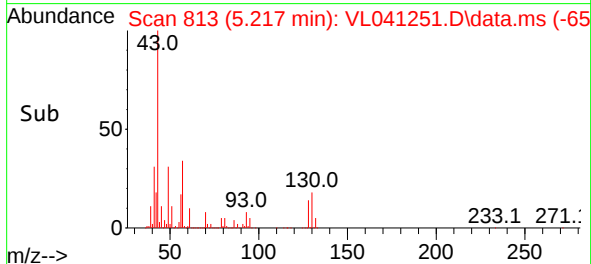
Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01



Tgt Ion: 43 Resp: 194679
Ion Ratio Lower Upper
43 100
45 10.1 8.2 12.2
61 9.7 7.7 11.5
70 7.0 5.8 8.6

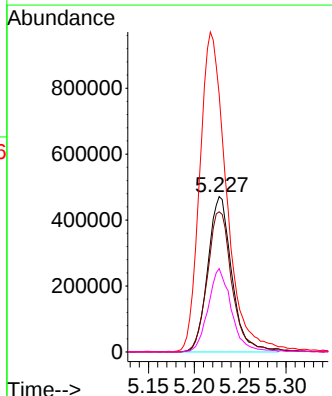
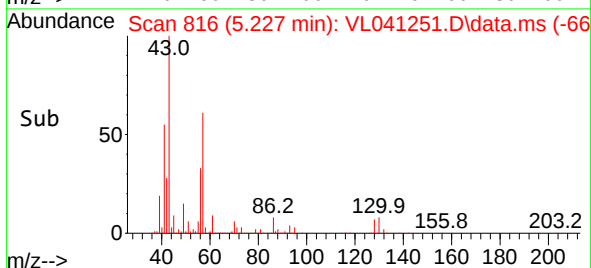
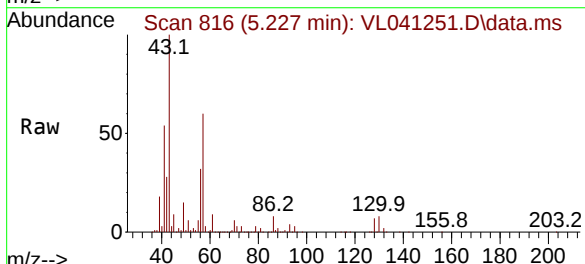
Manual Integrations
APPROVED

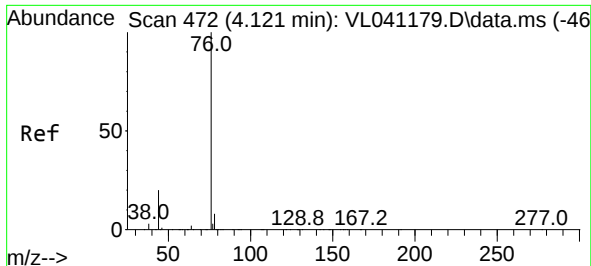
Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#26
Hexane
Concen: 10.008 ppbv
RT: 5.227 min Scan# 816
Delta R.T. -0.000 min
Lab File: VL041251.D
Acq: 9 May 2024 10:12

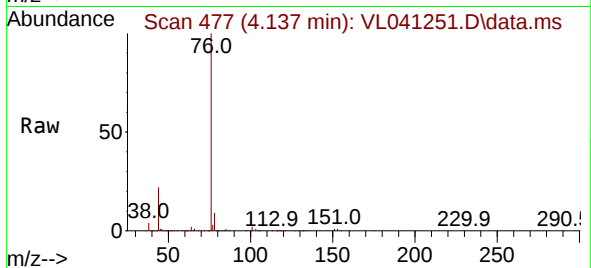
Tgt Ion: 57 Resp: 854142
Ion Ratio Lower Upper
57 100
41 94.5 75.8 113.8
43 232.5 187.0 280.4
56 52.8 42.7 64.1





#27
Carbon Disulfide
Concen: 10.582 ppbv
RT: 4.137 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL041251.D
Acq: 9 May 2024 10:12

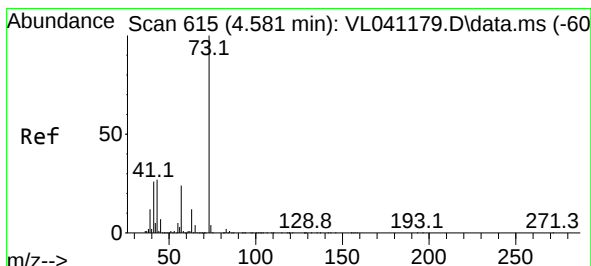
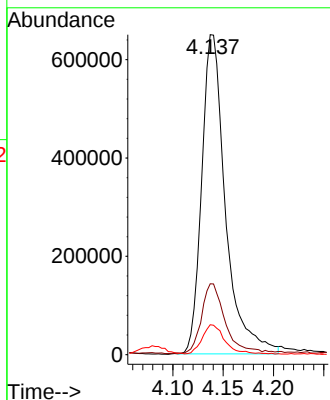
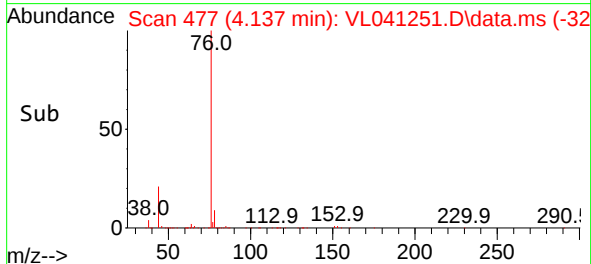
Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01



Tgt Ion: 76 Resp: 106906
Ion Ratio Lower Upper
76 100
44 22.6 16.3 24.5
78 9.5 7.3 10.9

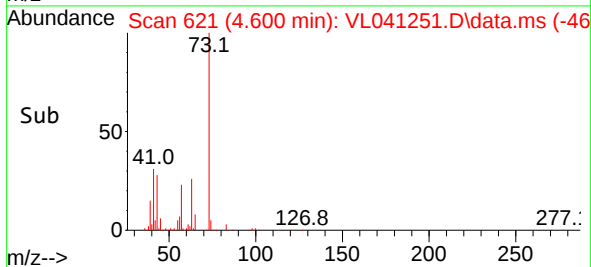
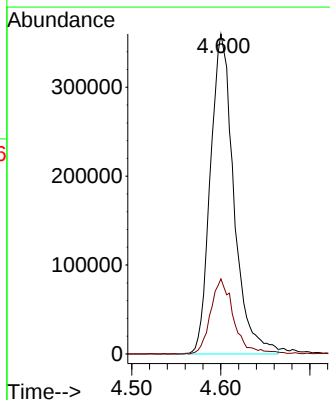
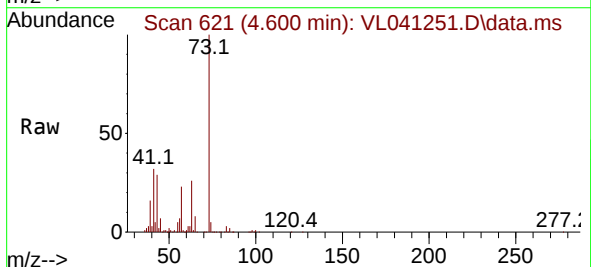
Manual Integrations
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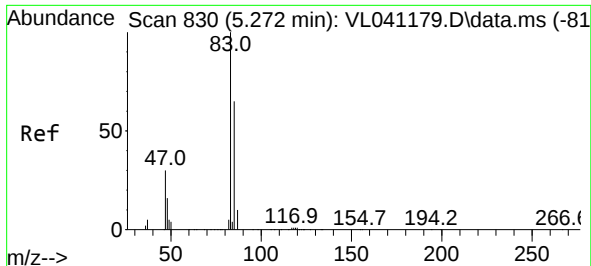
Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#28
Methyl tert-Butyl Ether
Concen: 9.710 ppbv
RT: 4.600 min Scan# 621
Delta R.T. -0.000 min
Lab File: VL041251.D
Acq: 9 May 2024 10:12

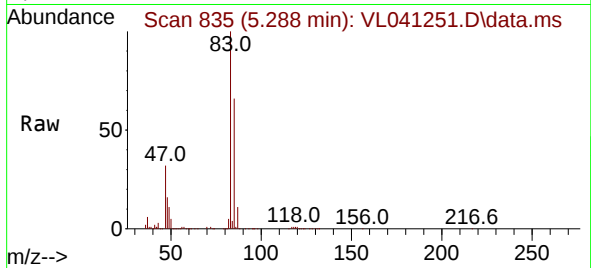
Tgt Ion: 73 Resp: 659867
Ion Ratio Lower Upper
73 100
57 23.2 18.8 28.2





#29
Chloroform
Concen: 11.178 ppbv
RT: 5.288 min Scan# 81
Delta R.T. -0.000 min
Lab File: VL041251.D
Acq: 9 May 2024 10:12

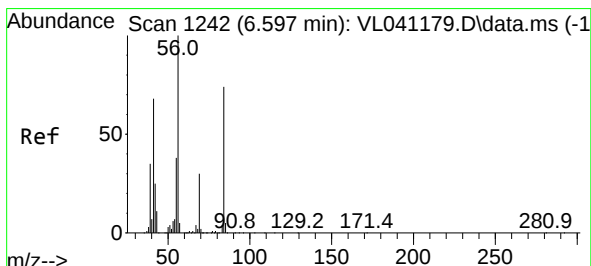
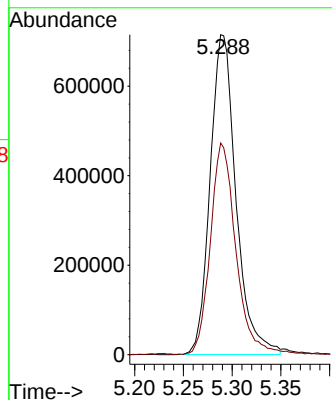
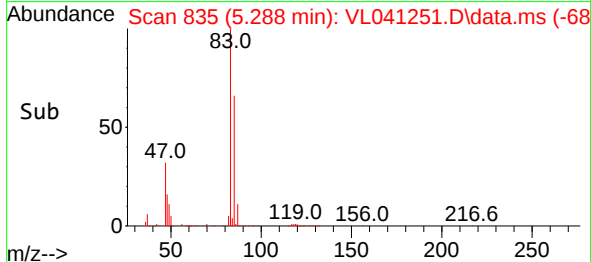
Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01



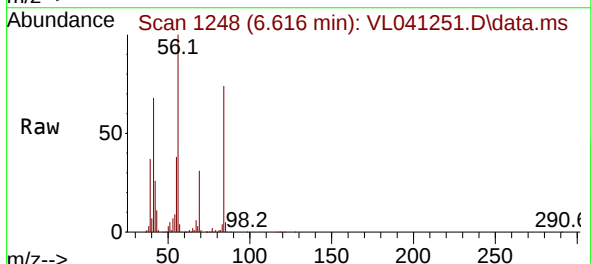
Tgt Ion: 83 Resp: 1316020
Ion Ratio Lower Upper
83 100
85 66.0 51.7 77.5

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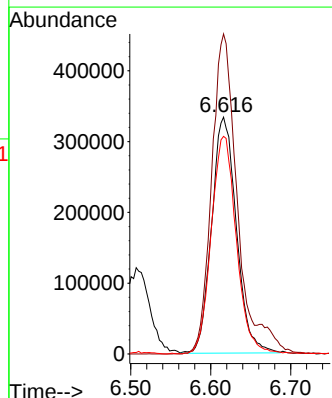
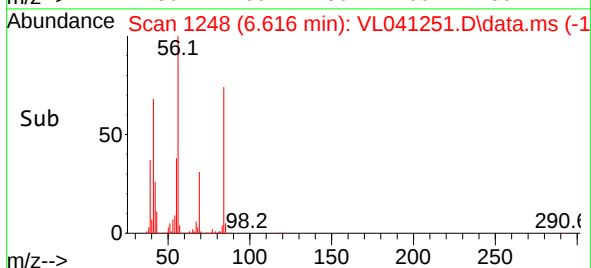
Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024

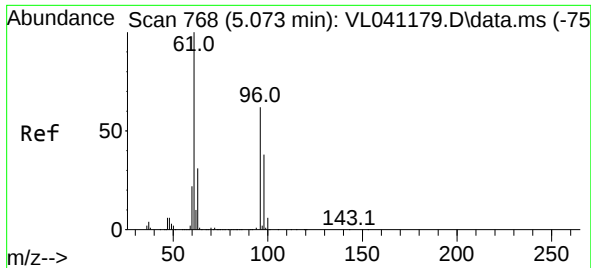


#30
Cyclohexane
Concen: 10.606 ppbv
RT: 6.616 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VL041251.D
Acq: 9 May 2024 10:12



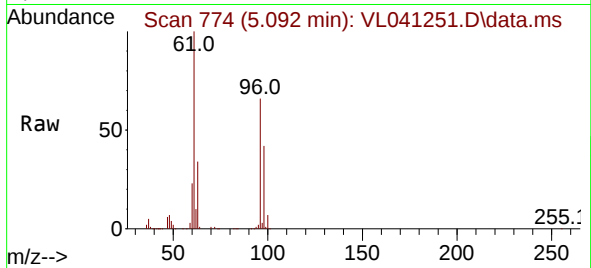
Tgt Ion: 84 Resp: 716530
Ion Ratio Lower Upper
84 100
56 142.1 116.8 175.2
41 94.1 73.8 110.8





#31
 cis-1,2-Dichloroethene
 Concen: 10.727 ppbv
 RT: 5.092 min Scan# 71
 Delta R.T. -0.003 min
 Lab File: VL041251.D
 Acq: 9 May 2024 10:12

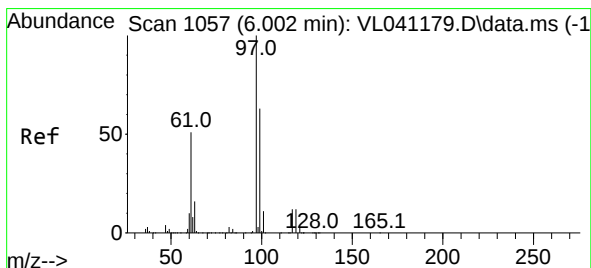
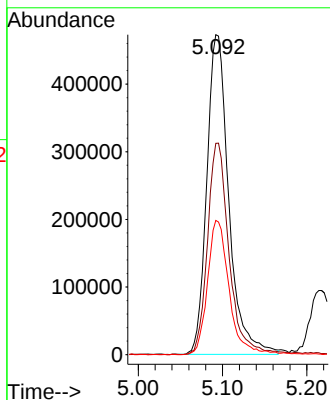
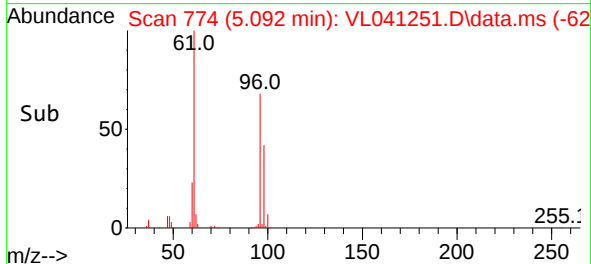
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0509ABS01



Tgt Ion: 61 Resp: 857084
 Ion Ratio Lower Upper
 61 100
 96 66.0 49.8 74.6
 98 42.0 30.0 45.0

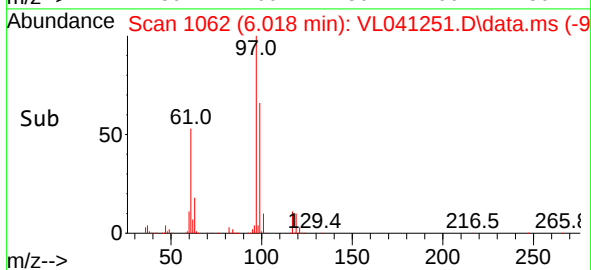
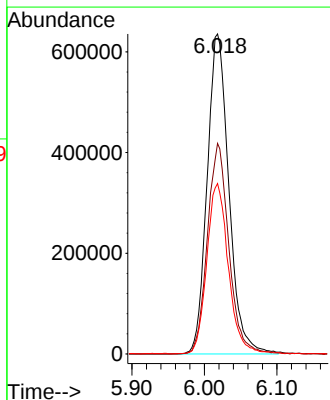
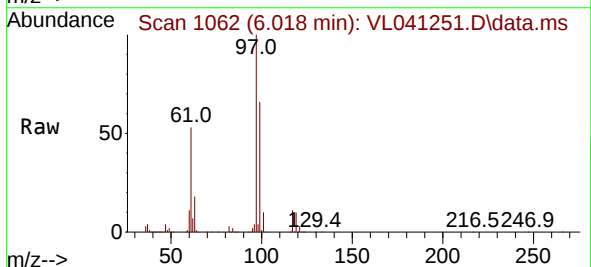
Manual Integrations
 APPROVED

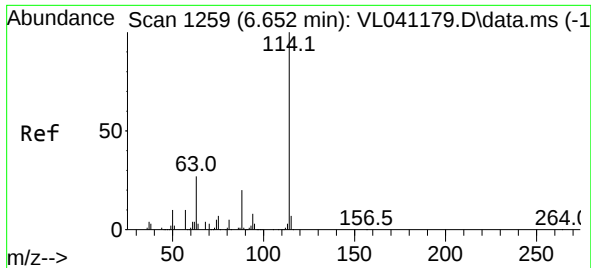
Reviewed By :Semsettin Yesilyurt 05/10/2024
 Supervised By :Mahesh Dadoda 05/10/2024



#32
 1,1,1-Trichloroethane
 Concen: 11.277 ppbv
 RT: 6.018 min Scan# 1062
 Delta R.T. -0.000 min
 Lab File: VL041251.D
 Acq: 9 May 2024 10:12

Tgt Ion: 97 Resp: 1324769
 Ion Ratio Lower Upper
 97 100
 99 64.9 51.7 77.5
 61 53.1 41.1 61.7





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.671 min Scan# 111

Delta R.T. 0.003 min

Lab File: VL041251.D

Acq: 9 May 2024 10:12

Instrument :

MSVOA_L

ClientSampleId :

VL0509ABS01

Tgt Ion:114 Resp: 2116799

Ion Ratio Lower Upper

114 100

63 25.9 21.8 32.6

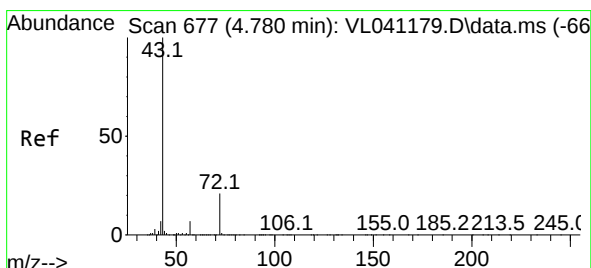
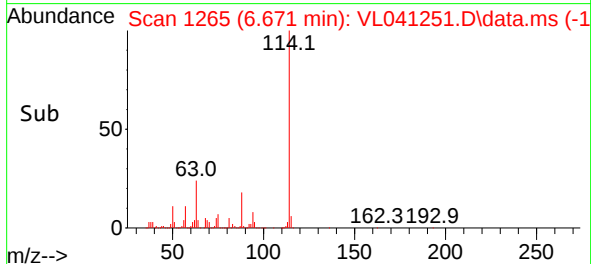
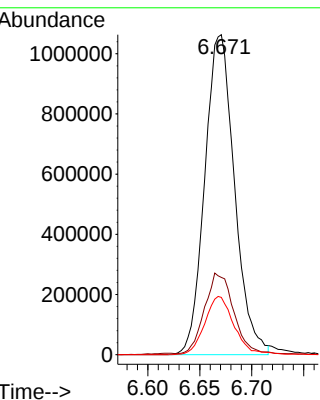
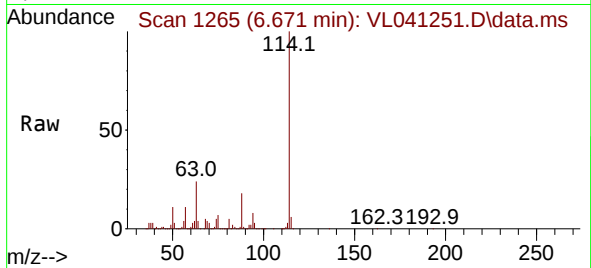
88 18.0 15.2 22.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/10/2024

Supervised By :Mahesh Dadoda 05/10/2024



#34

2-Butanone

Concen: 10.032 ppbv

RT: 4.803 min Scan# 684

Delta R.T. 0.003 min

Lab File: VL041251.D

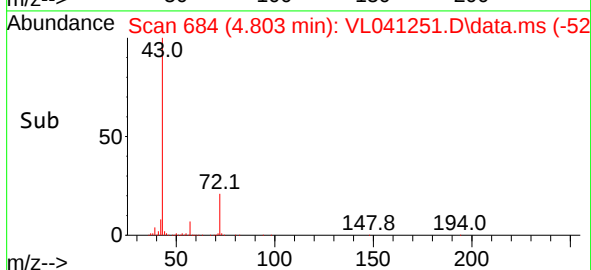
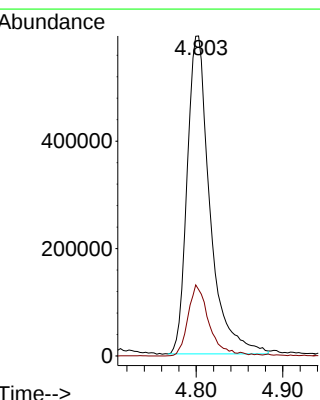
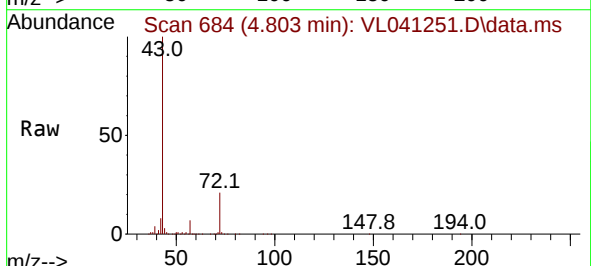
Acq: 9 May 2024 10:12

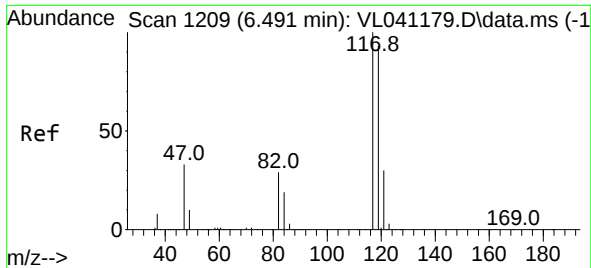
Tgt Ion: 43 Resp: 1080811

Ion Ratio Lower Upper

43 100

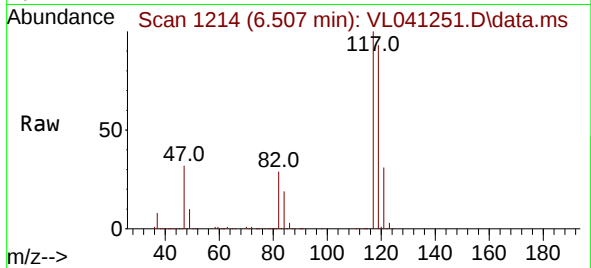
72 21.4 17.3 25.9





#35
Carbon Tetrachloride
Concen: 11.461 ppbv
RT: 6.507 min Scan# 1176
Delta R.T. -0.003 min
Lab File: VL041251.D
Acq: 9 May 2024 10:12

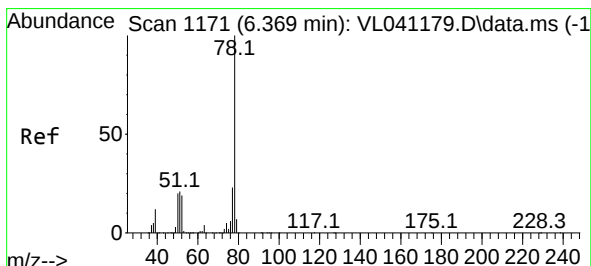
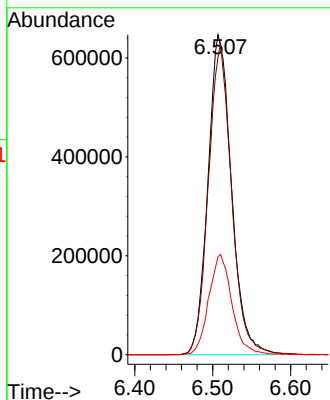
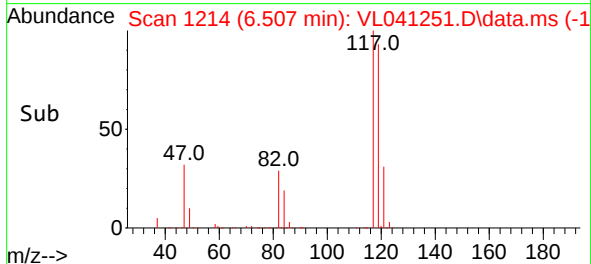
Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01



Tgt Ion:117 Resp: 136151
Ion Ratio Lower Upper
117 100
119 93.0 74.3 111.5
121 30.6 23.8 35.8

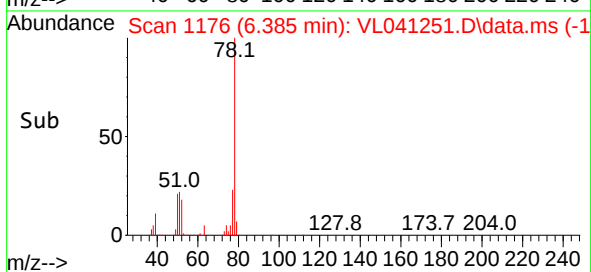
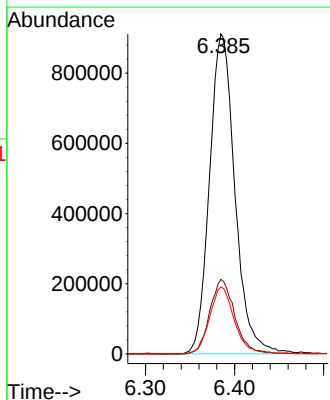
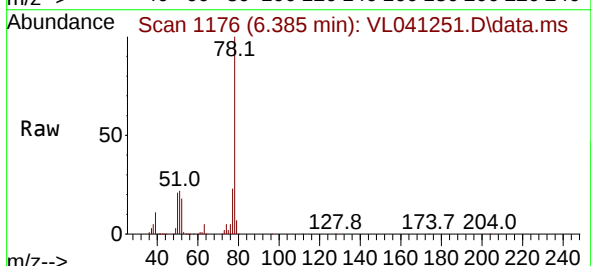
Manual Integrations
APPROVED

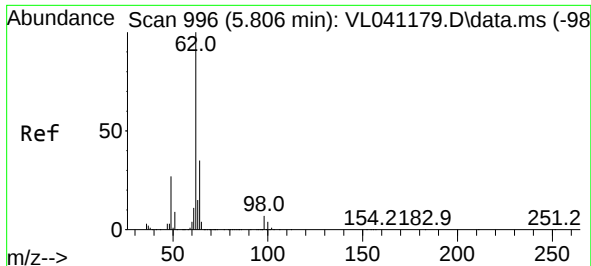
Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#36
Benzene
Concen: 10.124 ppbv
RT: 6.385 min Scan# 1176
Delta R.T. -0.000 min
Lab File: VL041251.D
Acq: 9 May 2024 10:12

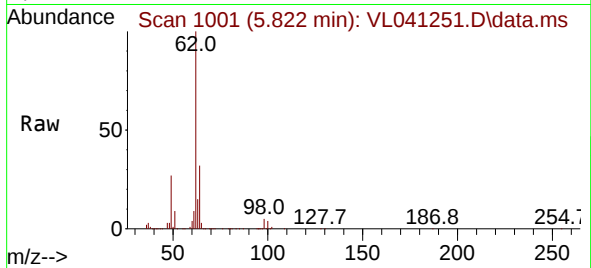
Tgt Ion: 78 Resp: 1798409
Ion Ratio Lower Upper
78 100
77 23.3 18.3 27.5
50 20.9 15.9 23.9





#37
1,2-Dichloroethane
Concen: 11.202 ppbv
RT: 5.822 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VL041251.D
Acq: 9 May 2024 10:12

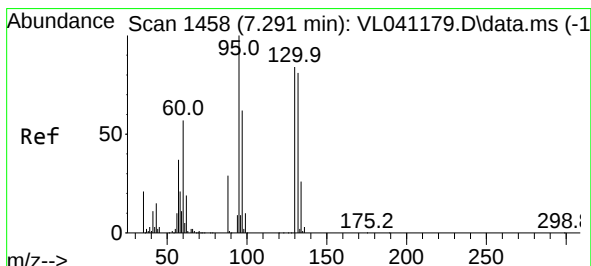
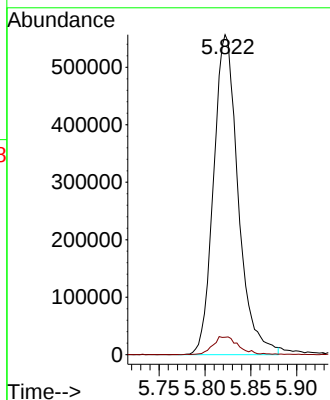
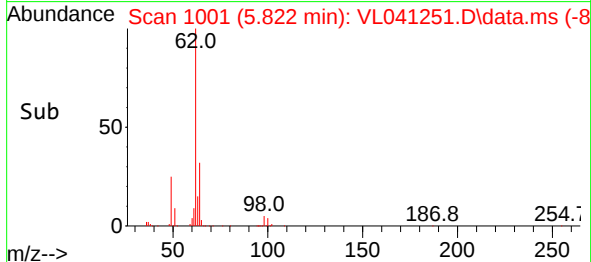
Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01



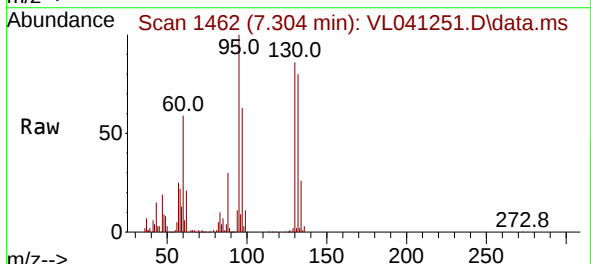
Tgt Ion: 62 Resp: 1038219
Ion Ratio Lower Upper
62 100
98 6.1 5.0 7.4

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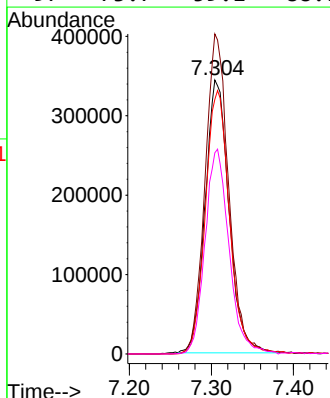
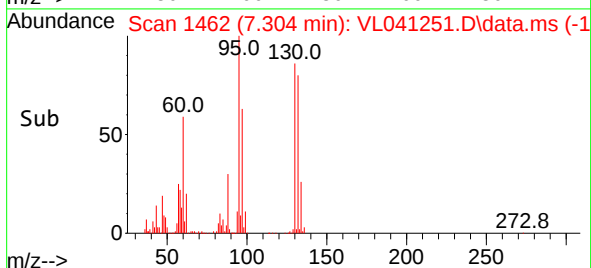
Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024

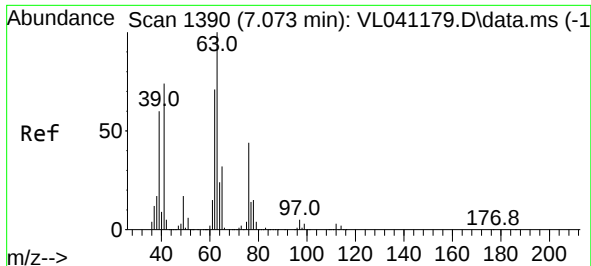


#38
Trichloroethene
Concen: 10.512 ppbv
RT: 7.304 min Scan# 1462
Delta R.T. -0.003 min
Lab File: VL041251.D
Acq: 9 May 2024 10:12



Tgt Ion:130 Resp: 695903
Ion Ratio Lower Upper
130 100
95 117.1 95.0 142.6
132 93.2 77.0 115.4
97 73.7 59.1 88.7





#39

1,2-Dichloropropane

Concen: 10.100 ppbv

RT: 7.089 min Scan# 1390

Delta R.T. -0.000 min

Lab File: VL041251.D

Acq: 9 May 2024 10:12

Instrument :

MSVOA_L

ClientSampleId :

VL0509ABS01

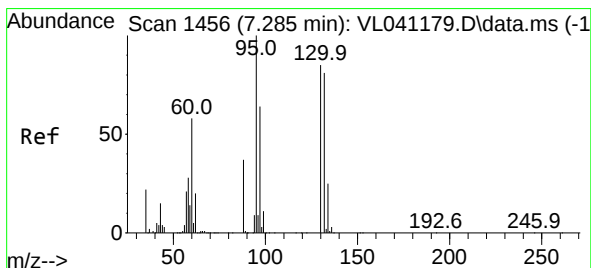
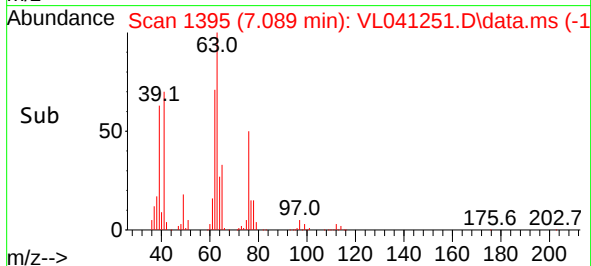
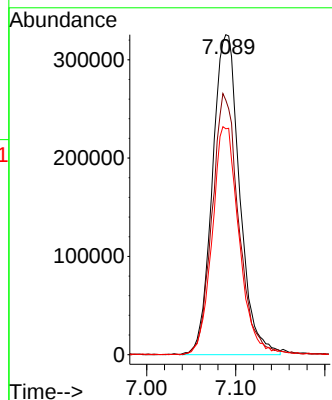
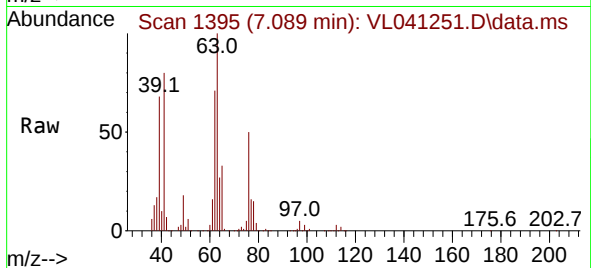
Tgt Ion: 63 Resp: 691429

Ion	Ratio	Lower	Upper
63	100		
41	79.4	59.4	89.0
62	70.6	56.8	85.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#40

1,4-Dioxane

Concen: 11.926 ppbv m

RT: 7.298 min Scan# 1460

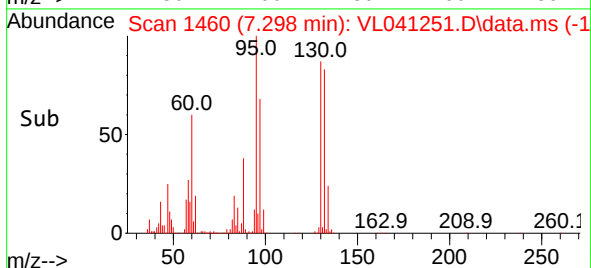
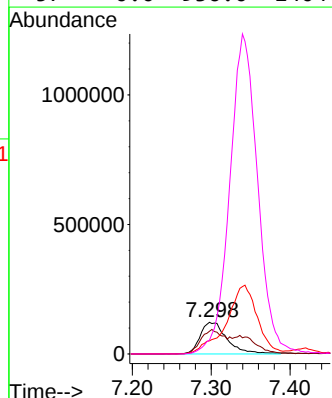
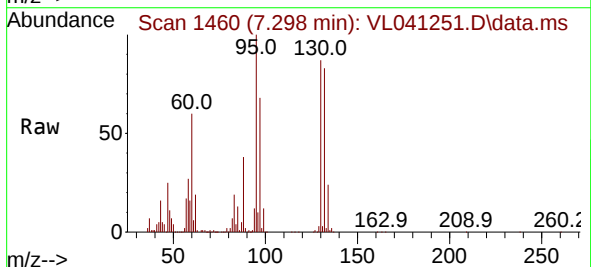
Delta R.T. -0.000 min

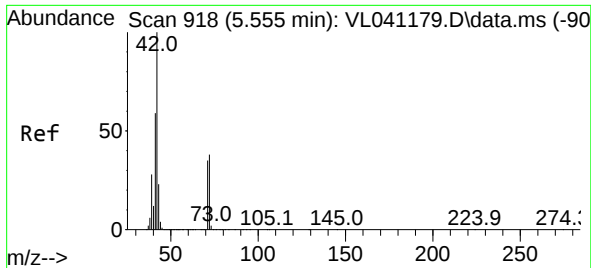
Lab File: VL041251.D

Acq: 9 May 2024 10:12

Tgt Ion: 88 Resp: 291689

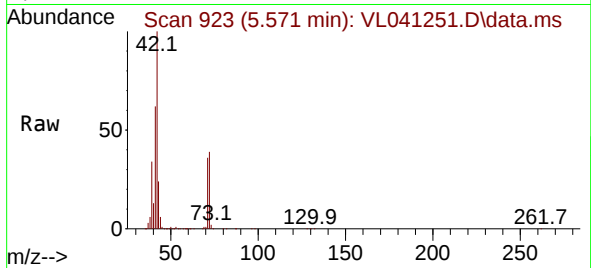
Ion	Ratio	Lower	Upper
88	100		
58	120.1	106.1	159.1
43	0.0	219.8	329.6#
57	0.0	936.0	1404.0#





#41
Tetrahydrofuran
Concen: 9.730 ppbv
RT: 5.571 min Scan# 918
Delta R.T. -0.000 min
Lab File: VL041251.D
Acq: 9 May 2024 10:12

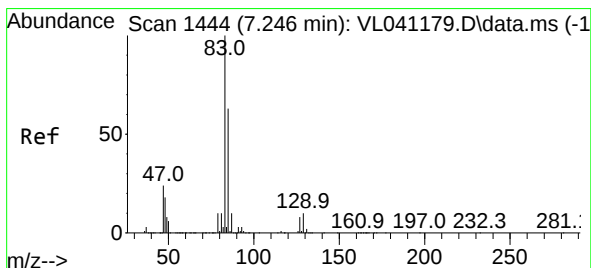
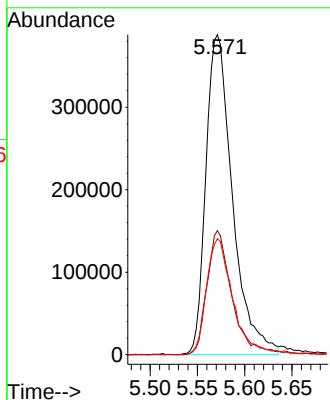
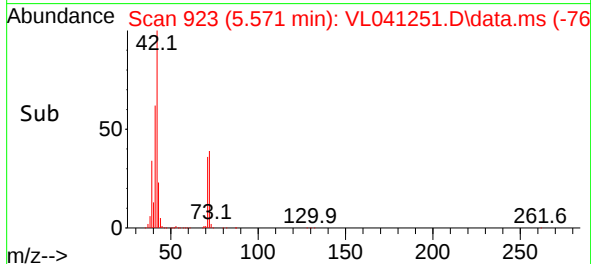
Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01



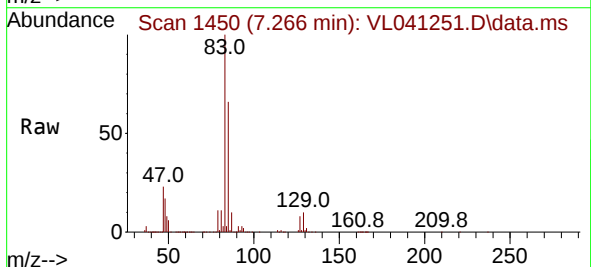
Tgt Ion: 42 Resp: 758860
Ion Ratio Lower Upper
42 100
72 36.9 29.4 44.0
71 36.6 29.1 43.7

Manual Integrations
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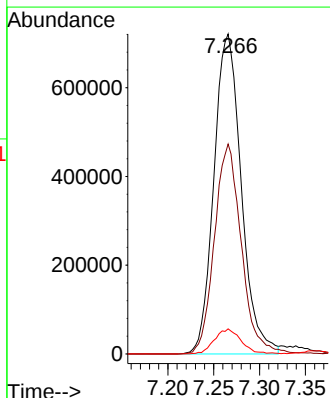
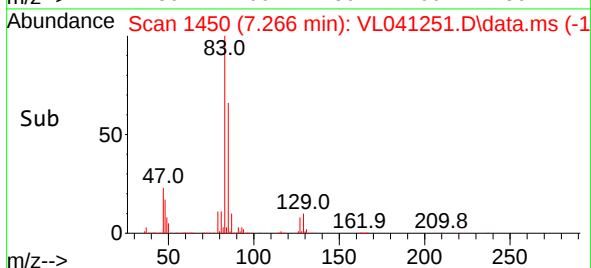
Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024

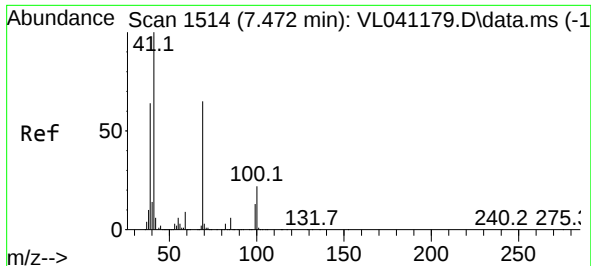


#42
Bromodichloromethane
Concen: 11.259 ppbv
RT: 7.266 min Scan# 1450
Delta R.T. 0.003 min
Lab File: VL041251.D
Acq: 9 May 2024 10:12



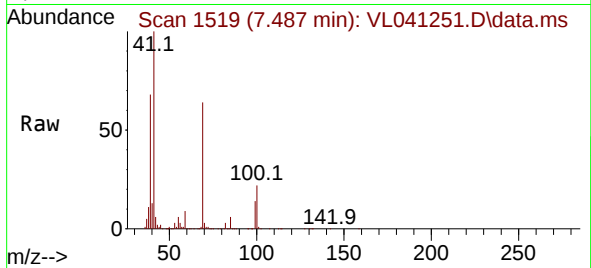
Tgt Ion: 83 Resp: 1496658
Ion Ratio Lower Upper
83 100
85 65.6 50.6 75.8
127 7.9 6.2 9.4





#43
Methyl Methacrylate
Concen: 10.128 ppbv
RT: 7.487 min Scan# 1519
Delta R.T. -0.000 min
Lab File: VL041251.D
Acq: 9 May 2024 10:12

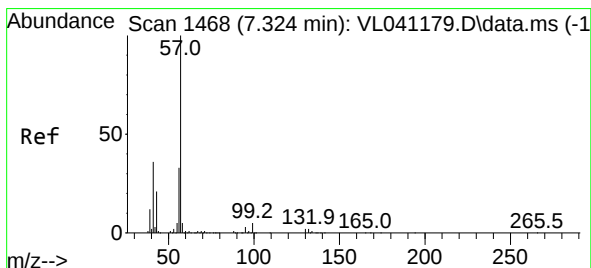
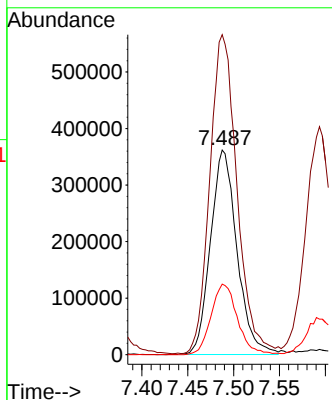
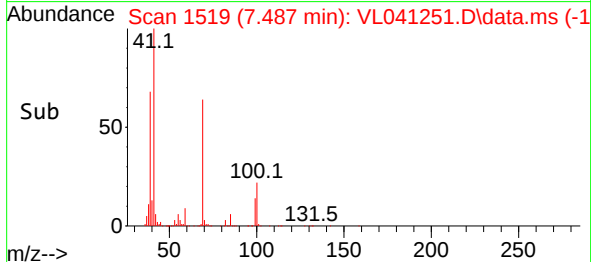
Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01



Tgt Ion: 69 Resp: 727714
Ion Ratio Lower Upper
69 100
41 160.9 125.2 187.8
100 34.4 26.7 40.1

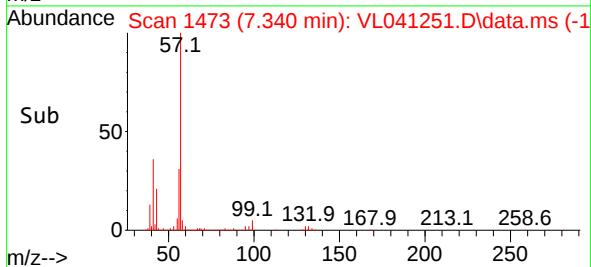
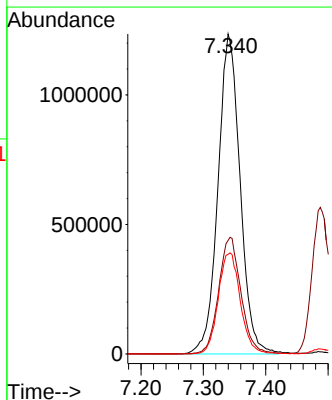
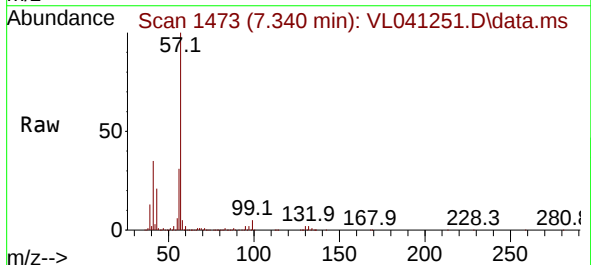
Manual Integrations
APPROVED

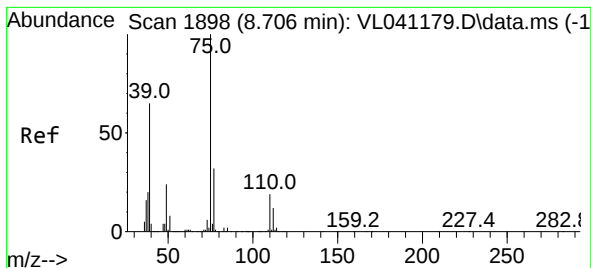
Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#44
2,2,4-Trimethylpentane
Concen: 9.935 ppbv
RT: 7.340 min Scan# 1473
Delta R.T. -0.000 min
Lab File: VL041251.D
Acq: 9 May 2024 10:12

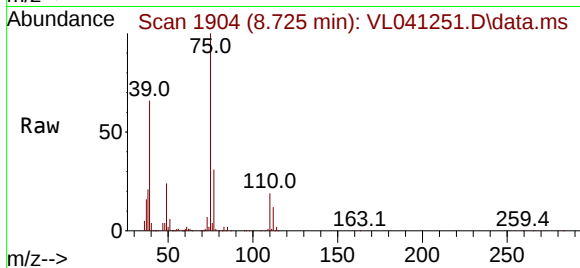
Tgt Ion: 57 Resp: 3043039
Ion Ratio Lower Upper
57 100
41 36.8 29.5 44.3
56 31.6 25.3 37.9





#45
t-1,3-Dichloropropene
Concen: 10.831 ppbv
RT: 8.725 min Scan# 1904
Delta R.T. 0.003 min
Lab File: VL041251.D
Acq: 9 May 2024 10:12

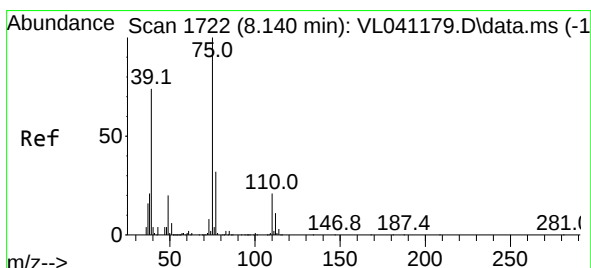
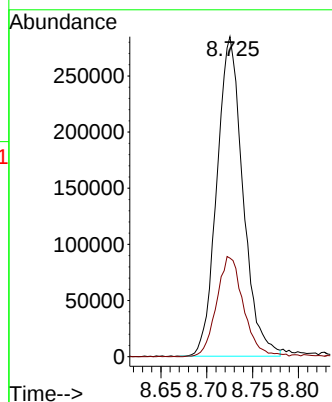
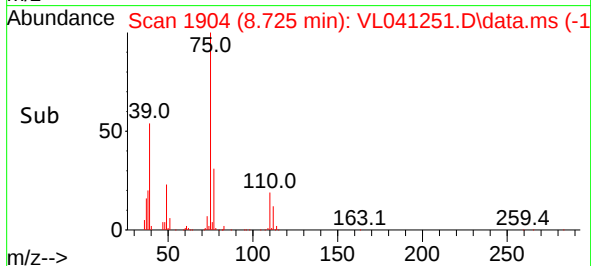
Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01



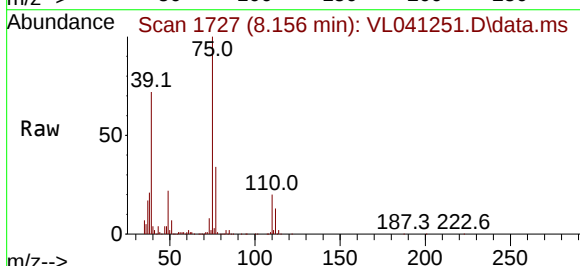
Tgt Ion: 75 Resp: 563904
Ion Ratio Lower Upper
75 100
77 30.8 25.6 38.4

Manual Integrations
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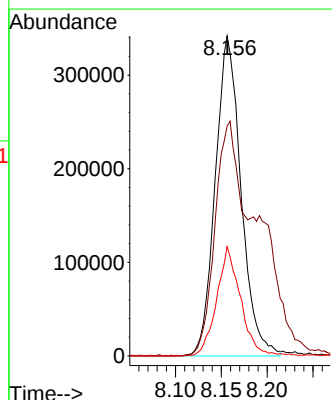
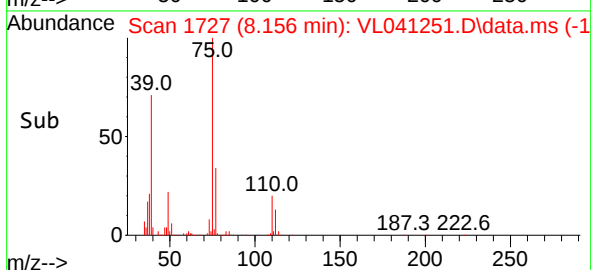
Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024

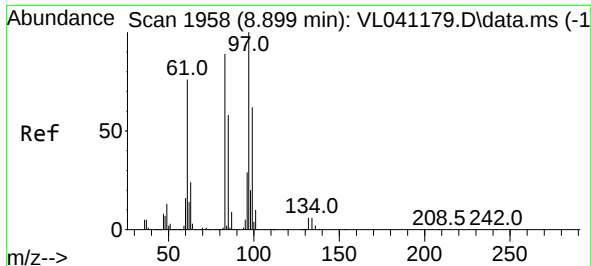


#46
cis-1,3-Dichloropropene
Concen: 10.490 ppbv
RT: 8.156 min Scan# 1727
Delta R.T. -0.000 min
Lab File: VL041251.D
Acq: 9 May 2024 10:12



Tgt Ion: 75 Resp: 668653
Ion Ratio Lower Upper
75 100
39 71.6 59.4 89.2
77 34.2 25.9 38.9





#47

1,1,2-Trichloroethane

Concen: 10.682 ppbv

RT: 8.915 min Scan# 1958

Delta R.T. -0.000 min

Lab File: VL041251.D

Acq: 9 May 2024 10:12

Instrument :

MSVOA_L

ClientSampleId :

VL0509ABS01

Tgt Ion: 97 Resp: 73197

Ion Ratio Lower Upper

97 100

83 91.9 71.2 106.8

85 57.5 46.0 69.0

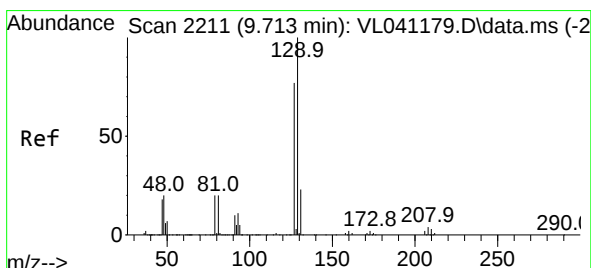
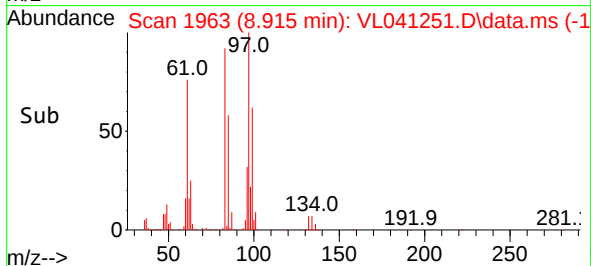
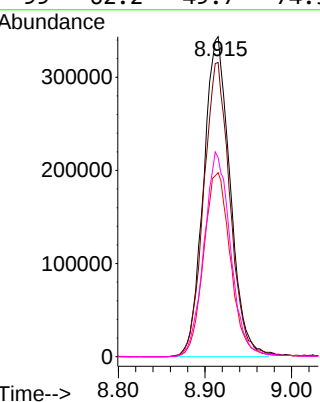
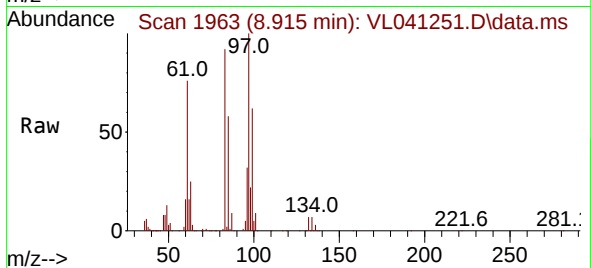
99 62.2 49.7 74.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/10/2024

Supervised By :Mahesh Dadoda 05/10/2024



#48

Dibromochloromethane

Concen: 11.684 ppbv

RT: 9.725 min Scan# 2215

Delta R.T. -0.000 min

Lab File: VL041251.D

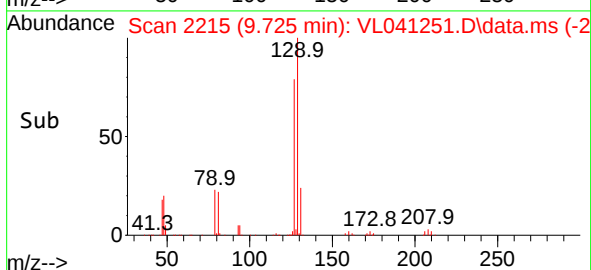
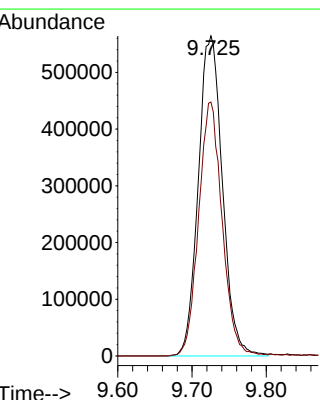
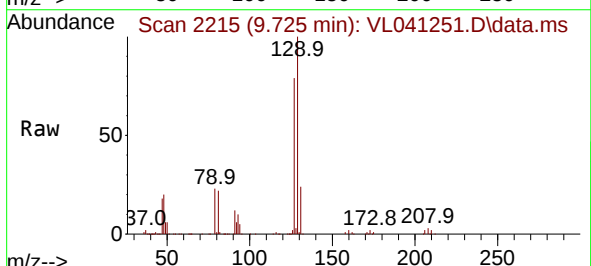
Acq: 9 May 2024 10:12

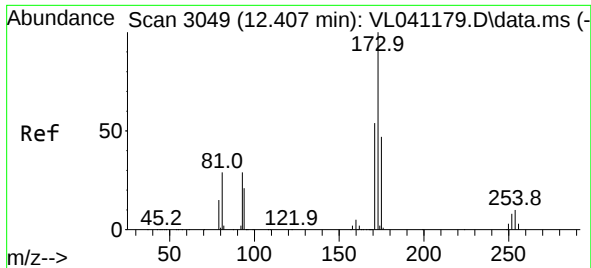
Tgt Ion:129 Resp: 1275686

Ion Ratio Lower Upper

129 100

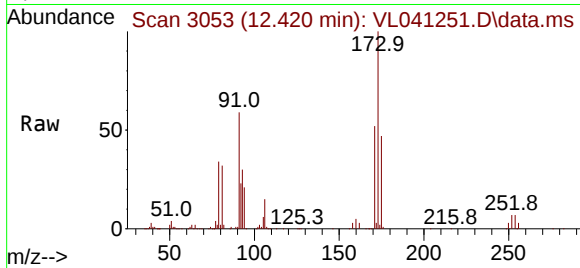
127 77.5 39.1 117.5





#49
Bromoform
Concen: 11.163 ppbv
RT: 12.420 min Scan# 3049
Delta R.T. -0.000 min
Lab File: VL041251.D
Acq: 9 May 2024 10:12

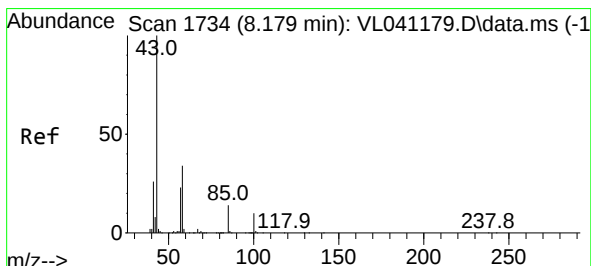
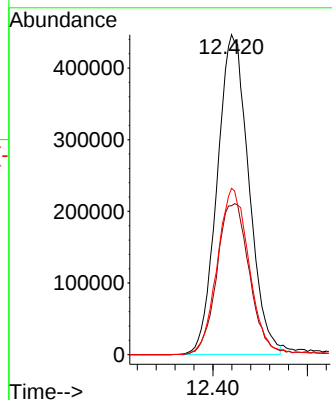
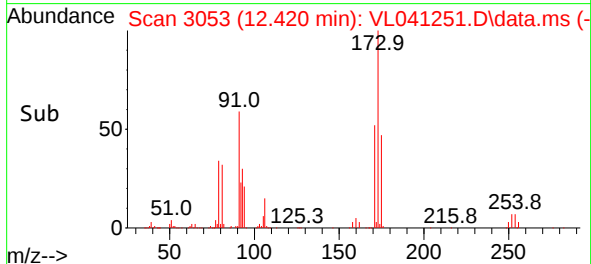
Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01



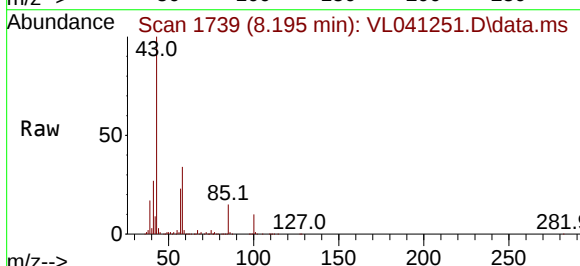
Tgt Ion:173 Resp: 1036827
Ion Ratio Lower Upper
173 100
175 49.8 39.8 59.8
171 53.1 41.8 62.8

Manual Integrations
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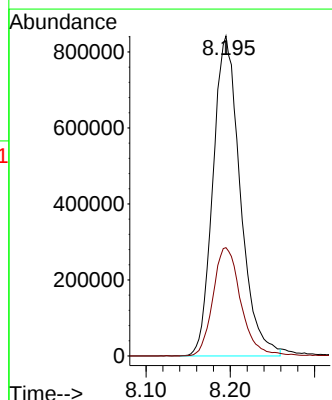
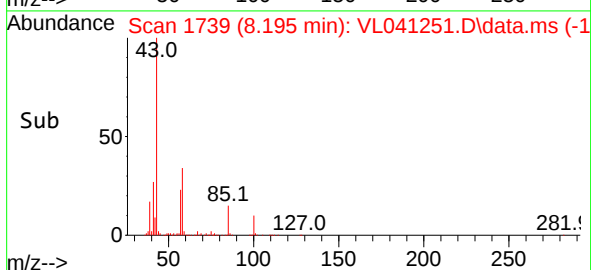
Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024

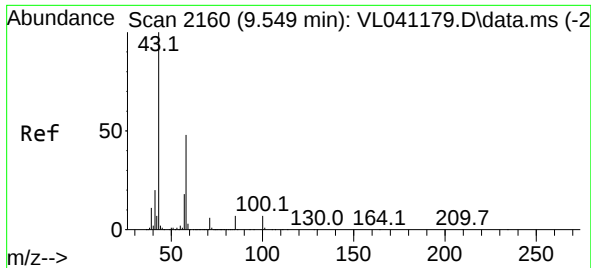


#50
4-Methyl-2-Pentanone
Concen: 9.777 ppbv
RT: 8.195 min Scan# 1739
Delta R.T. -0.000 min
Lab File: VL041251.D
Acq: 9 May 2024 10:12



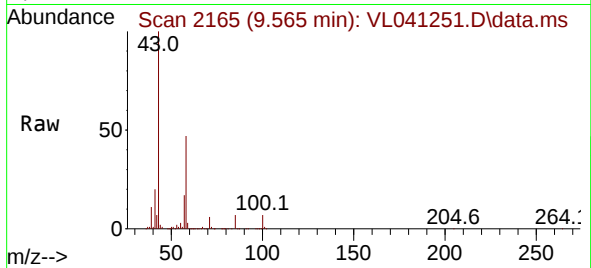
Tgt Ion: 43 Resp: 1890320
Ion Ratio Lower Upper
43 100
58 34.8 27.7 41.5





#51
2-Hexanone
Concen: 9.760 ppbv
RT: 9.565 min Scan# 2160
Delta R.T. -0.000 min
Lab File: VL041251.D
Acq: 9 May 2024 10:12

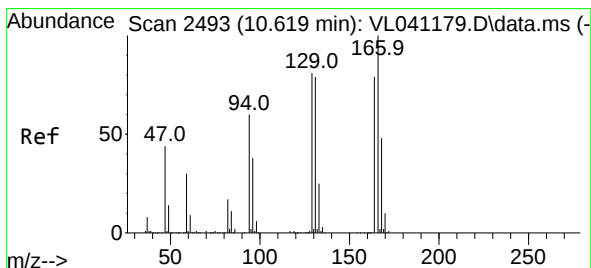
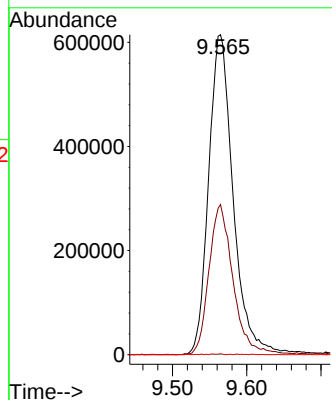
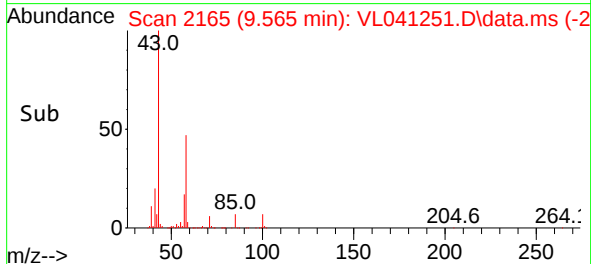
Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01



Tgt Ion: 43 Resp: 139980
Ion Ratio Lower Upper
43 100
58 46.9 38.4 57.6
98 0.2 0.0 0.0

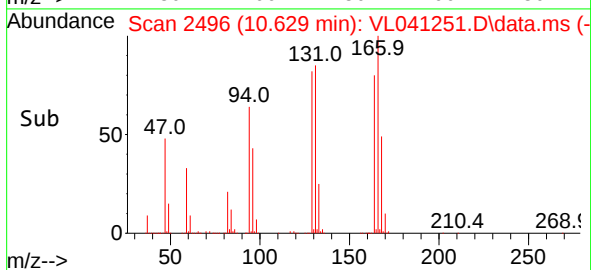
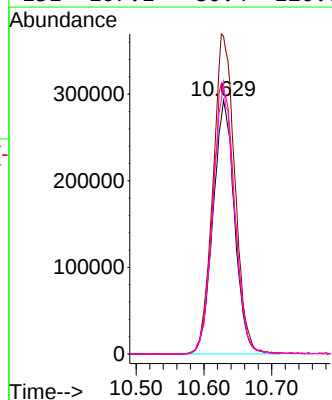
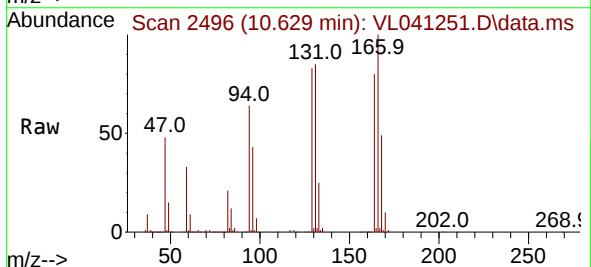
Manual Integrations
APPROVED

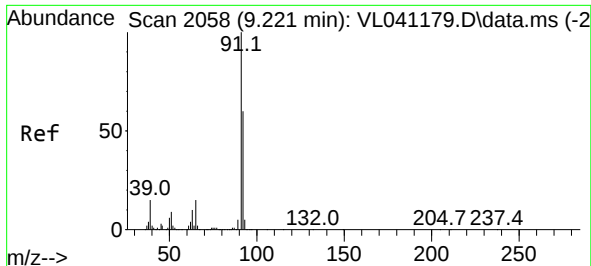
Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#52
Tetrachloroethene
Concen: 10.299 ppbv
RT: 10.629 min Scan# 2496
Delta R.T. -0.000 min
Lab File: VL041251.D
Acq: 9 May 2024 10:12

Tgt Ion:164 Resp: 643008
Ion Ratio Lower Upper
164 100
166 125.4 101.1 151.7
129 103.5 81.7 122.5
131 107.1 80.4 120.6





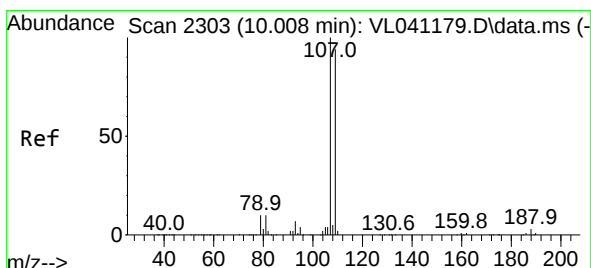
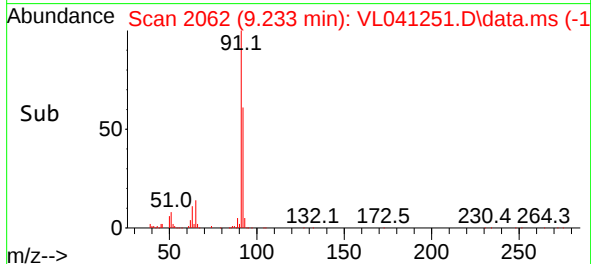
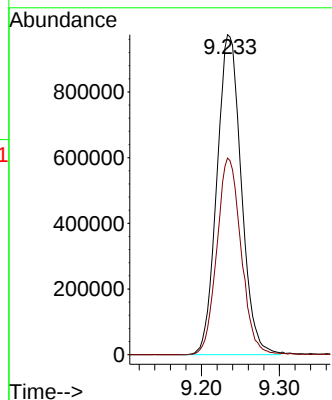
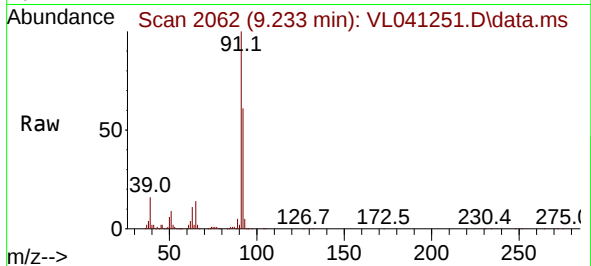
#53
Toluene
Concen: 10.283 ppbv
RT: 9.233 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VL041251.D
Acq: 9 May 2024 10:12

Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01

Tgt Ion: 91 Resp: 211806
Ion Ratio Lower Upper
91 100
92 61.4 48.2 72.4

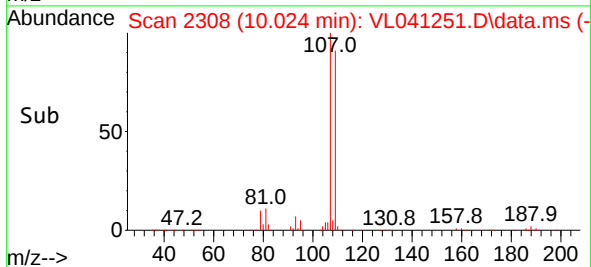
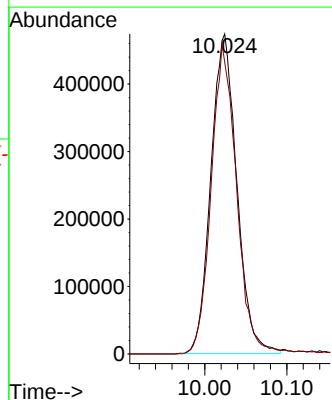
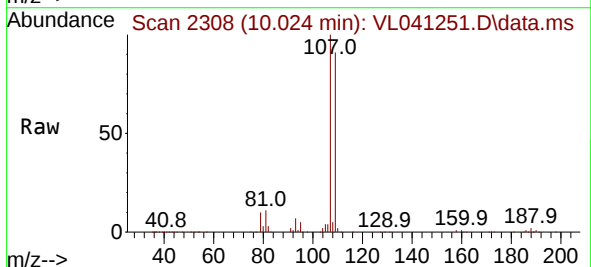
Manual Integrations
APPROVED

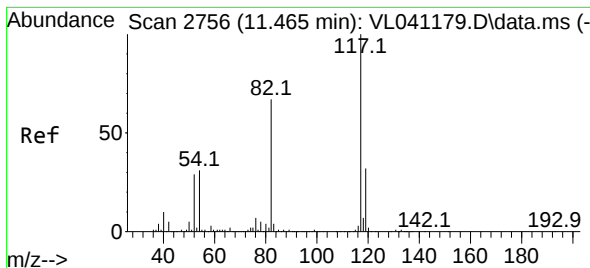
Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#54
1,2-Dibromoethane
Concen: 11.251 ppbv
RT: 10.024 min Scan# 2308
Delta R.T. 0.003 min
Lab File: VL041251.D
Acq: 9 May 2024 10:12

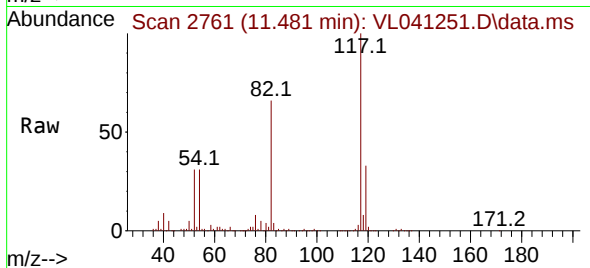
Tgt Ion:107 Resp: 1044164
Ion Ratio Lower Upper
107 100
109 91.0 75.2 112.8





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.481 min Scan# 211812
Delta R.T. -0.000 min
Lab File: VL041251.D
Acq: 9 May 2024 10:12

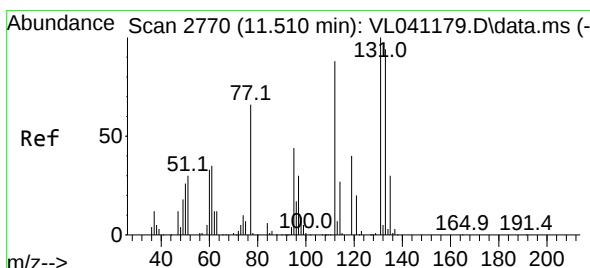
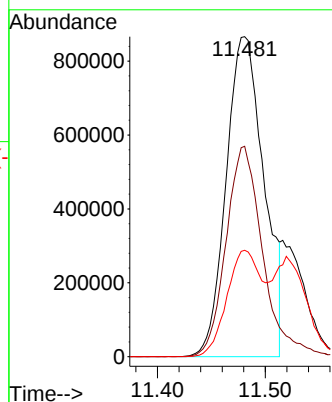
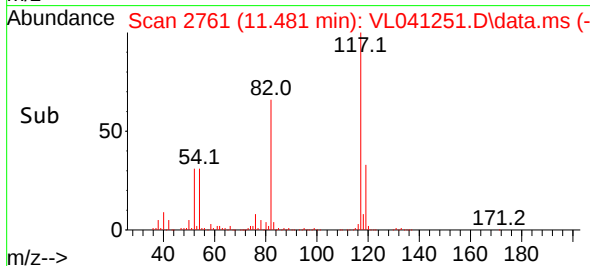
Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01



Tgt Ion:117 Resp: 211812
Ion Ratio Lower Upper
117 100
82 64.3 53.6 80.4
119 33.5 27.2 40.8

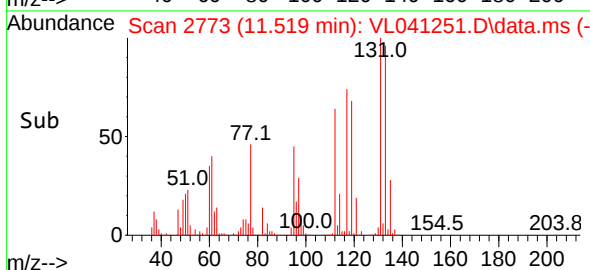
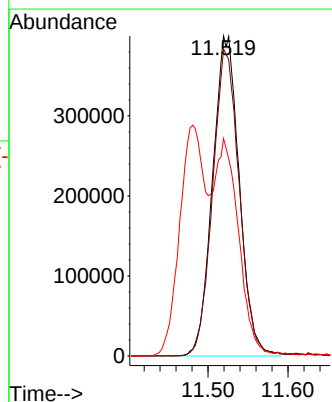
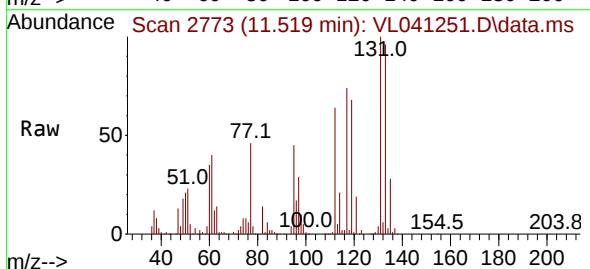
Manual Integrations
APPROVED

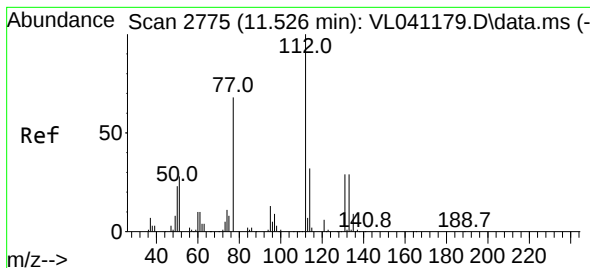
Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#56
1,1,1,2-Tetrachloroethane
Concen: 10.775 ppbv
RT: 11.519 min Scan# 2773
Delta R.T. -0.003 min
Lab File: VL041251.D
Acq: 9 May 2024 10:12

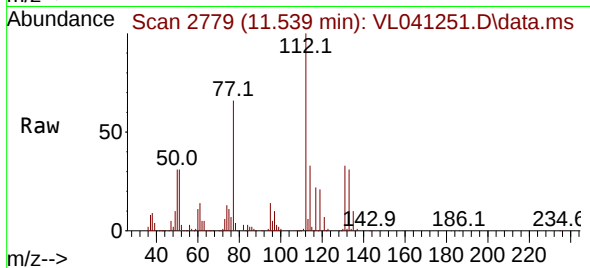
Tgt Ion:131 Resp: 925392
Ion Ratio Lower Upper
131 100
133 95.8 76.3 114.5
119 57.0 49.4 74.2





#57
Chlorobenzene
Concen: 10.264 ppbv
RT: 11.539 min Scan# 2779
Delta R.T. -0.003 min
Lab File: VL041251.D
Acq: 9 May 2024 10:12

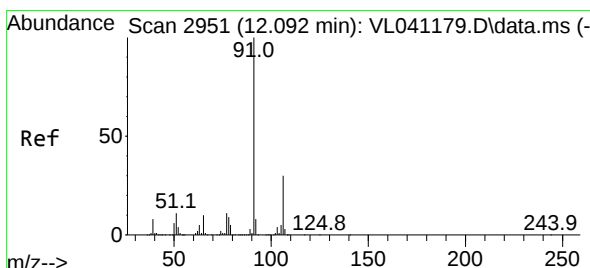
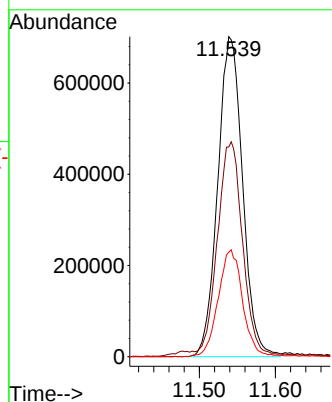
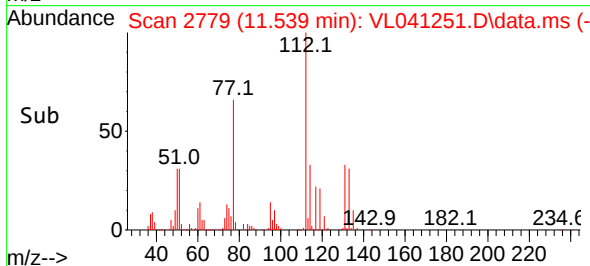
Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01



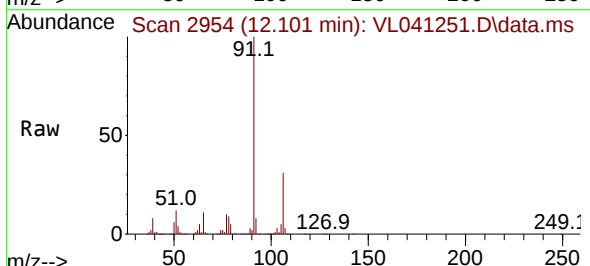
Tgt Ion: 112 Resp: 1592229
Ion Ratio Lower Upper
112 100
77 64.6 54.9 82.3
114 32.6 28.7 35.1

Manual Integrations
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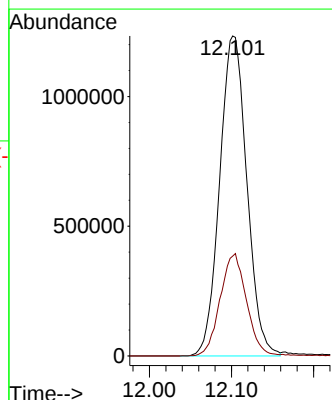
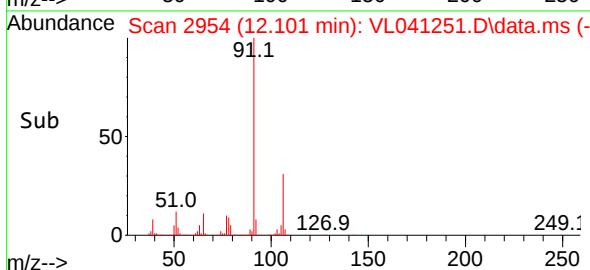
Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024

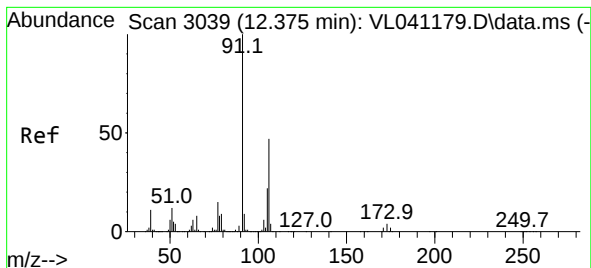


#58
Ethyl Benzene
Concen: 9.798 ppbv
RT: 12.101 min Scan# 2954
Delta R.T. -0.000 min
Lab File: VL041251.D
Acq: 9 May 2024 10:12



Tgt Ion: 91 Resp: 2845672
Ion Ratio Lower Upper
91 100
106 31.2 24.3 36.5





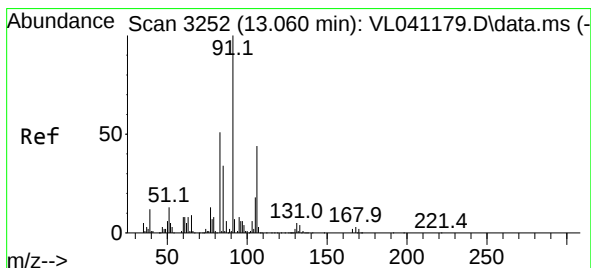
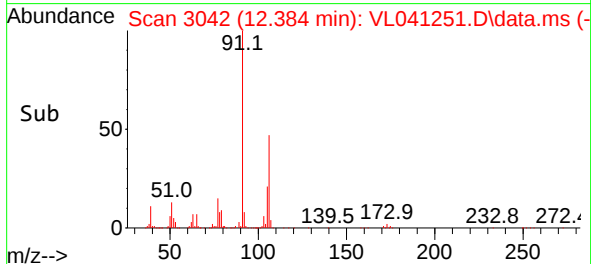
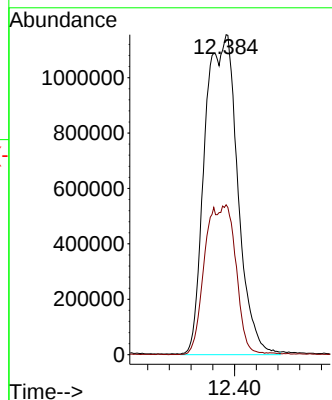
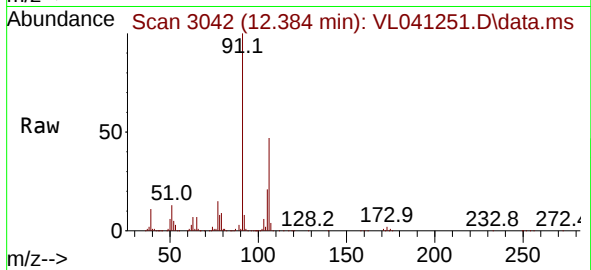
#59
m/p-Xylene
Concen: 19.770 ppbv m
RT: 12.384 min Scan# 3039
Delta R.T. -0.000 min
Lab File: VL041251.D
Acq: 9 May 2024 10:12

Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01

Tgt Ion: 91 Resp: 4825879
Ion Ratio Lower Upper
91 100
106 44.8 35.7 53.5

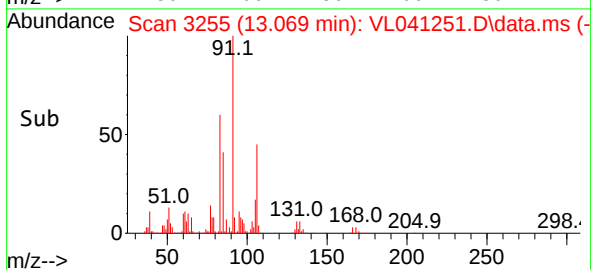
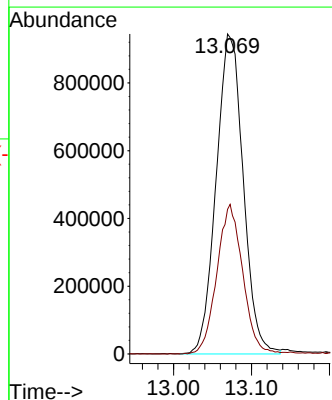
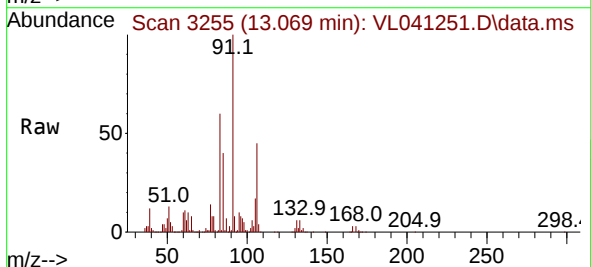
Manual Integrations
APPROVED

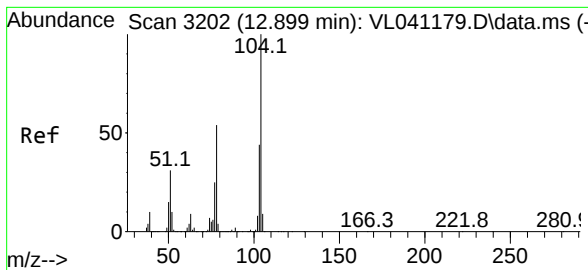
Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#60
o-Xylene
Concen: 9.947 ppbv
RT: 13.069 min Scan# 3255
Delta R.T. -0.000 min
Lab File: VL041251.D
Acq: 9 May 2024 10:12

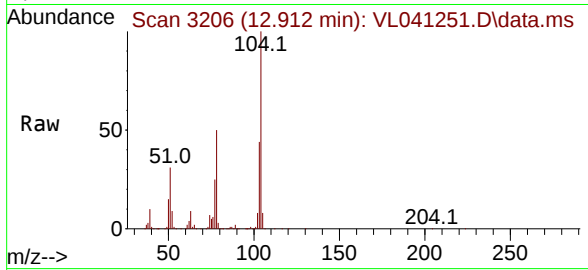
Tgt Ion: 91 Resp: 2276108
Ion Ratio Lower Upper
91 100
106 45.1 22.4 67.3





#61
Styrene
Concen: 10.322 ppbv
RT: 12.912 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL041251.D
Acq: 9 May 2024 10:12

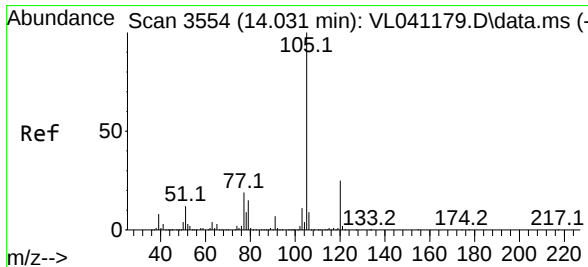
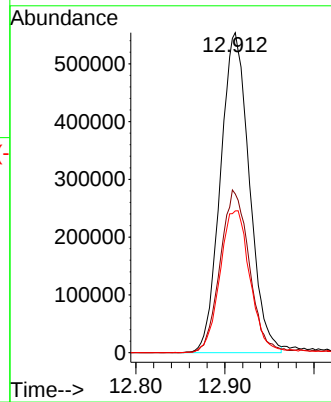
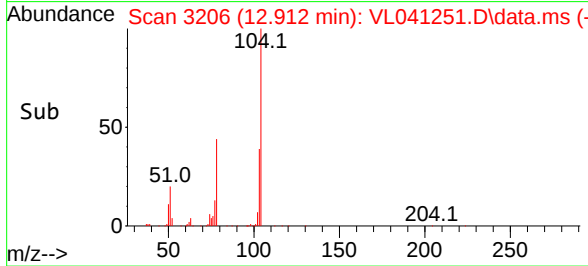
Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01



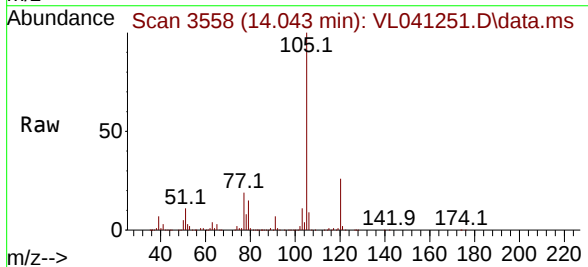
Tgt Ion:104 Resp: 1247689
Ion Ratio Lower Upper
104 100
78 52.1 42.6 63.8
103 46.8 38.4 57.6

Manual Integrations
APPROVED

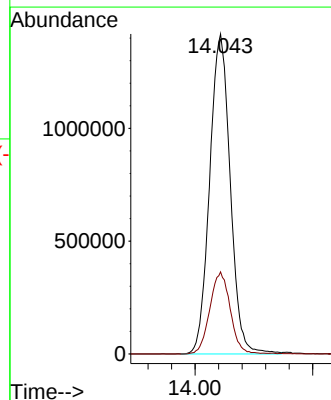
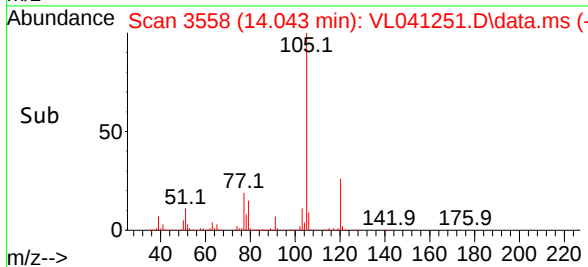
Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024

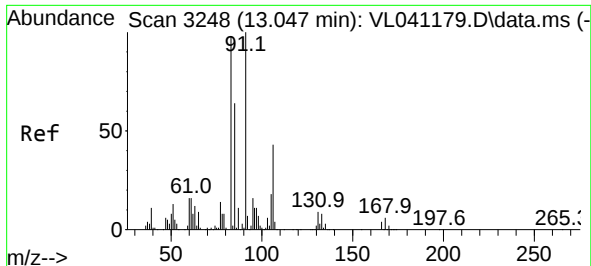


#62
Isopropylbenzene
Concen: 10.058 ppbv
RT: 14.043 min Scan# 3558
Delta R.T. -0.000 min
Lab File: VL041251.D
Acq: 9 May 2024 10:12



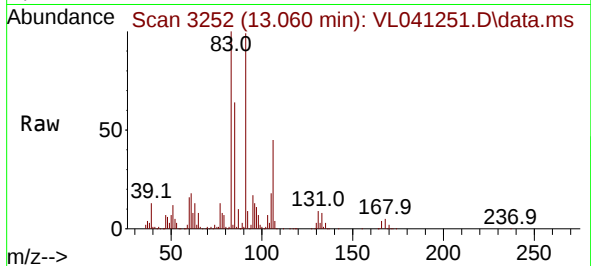
Tgt Ion:105 Resp: 3442394
Ion Ratio Lower Upper
105 100
120 25.6 20.2 30.2





#63
1,1,2,2-Tetrachloroethane
Concen: 10.359 ppbv
RT: 13.060 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL041251.D
Acq: 9 May 2024 10:12

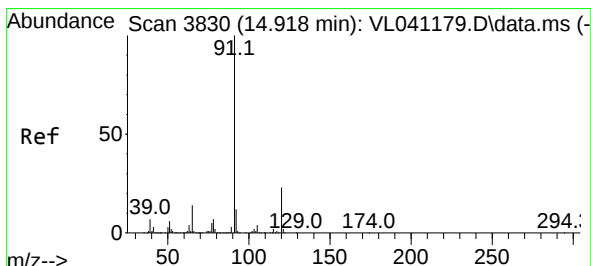
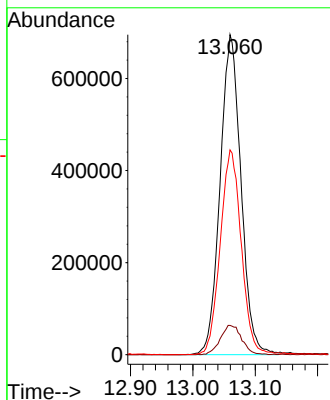
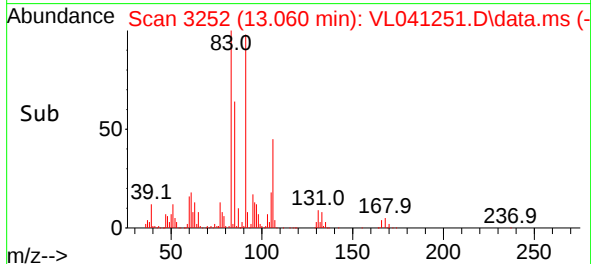
Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01



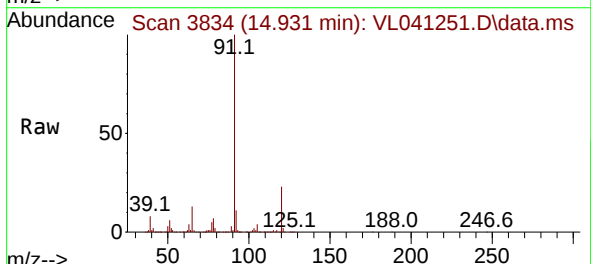
Tgt Ion: 83 Resp: 161563
Ion Ratio Lower Upper
83 100
131 9.4 4.5 13.5
85 65.1 32.7 98.1

Manual Integrations
APPROVED

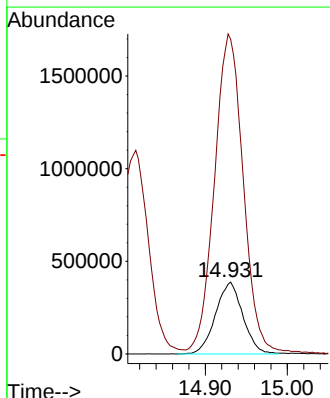
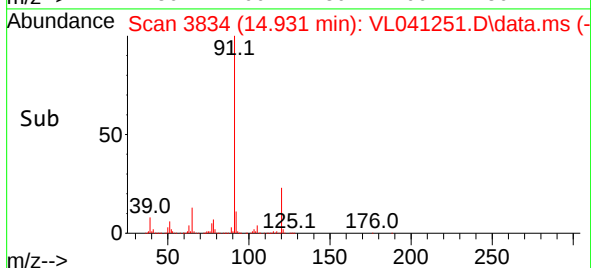
Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024

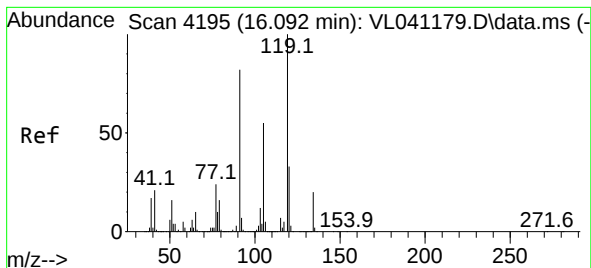


#64
n-propylbenzene
Concen: 10.493 ppbv
RT: 14.931 min Scan# 3834
Delta R.T. -0.000 min
Lab File: VL041251.D
Acq: 9 May 2024 10:12



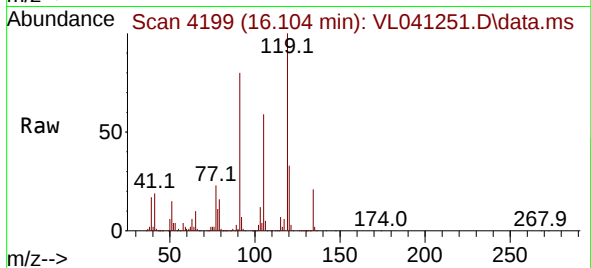
Tgt Ion:120 Resp: 895978
Ion Ratio Lower Upper
120 100
91 473.9 384.8 577.2





#65
tert-Butylbenzene
Concen: 9.794 ppbv
RT: 16.104 min Scan# 4199
Delta R.T. 0.003 min
Lab File: VL041251.D
Acq: 9 May 2024 10:12

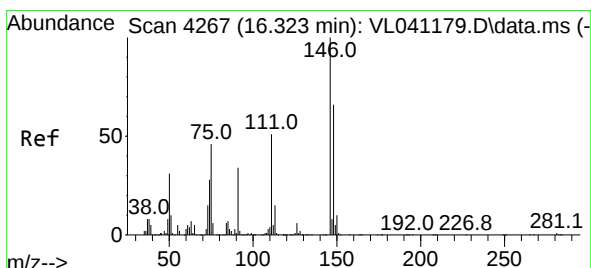
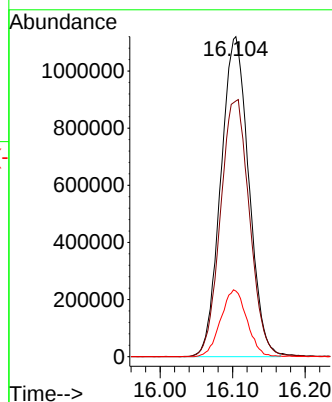
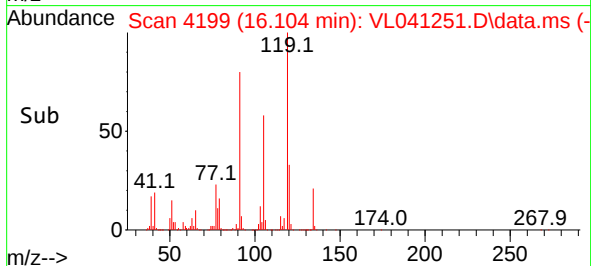
Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01



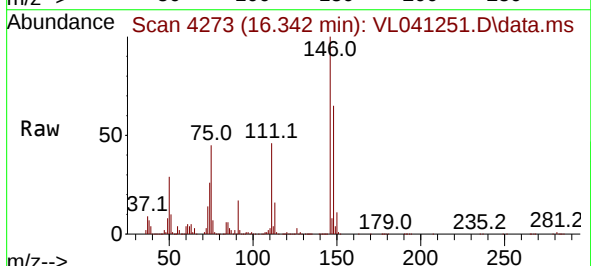
Tgt Ion: 119 Resp: 300231
Ion Ratio Lower Upper
119 100
91 83.5 67.0 100.4
134 19.7 15.2 22.8

Manual Integrations
APPROVED

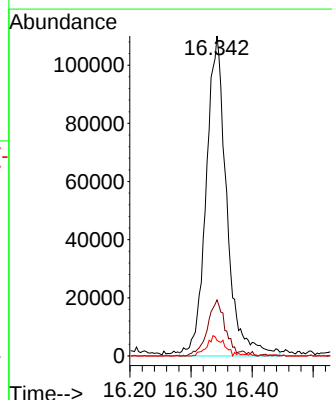
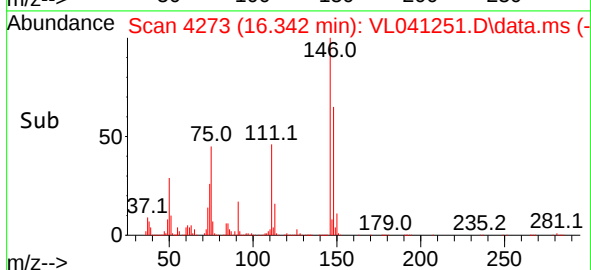
Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024

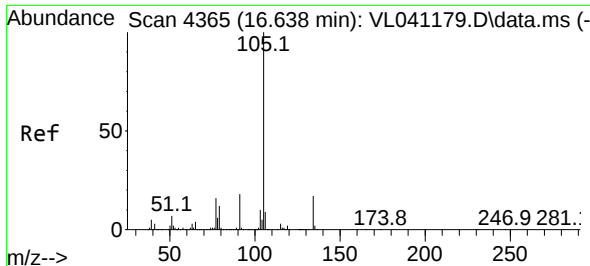


#66
Benzyl Chloride
Concen: 7.412 ppbv m
RT: 16.342 min Scan# 4273
Delta R.T. -0.003 min
Lab File: VL041251.D
Acq: 9 May 2024 10:12



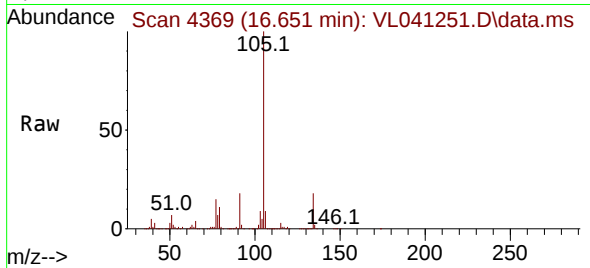
Tgt Ion: 91 Resp: 257213
Ion Ratio Lower Upper
91 100
126 16.1 14.6 21.8
128 5.6 4.7 7.1





#67
 sec-Butylbenzene
 Concen: 9.918 ppbv
 RT: 16.651 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL041251.D
 Acq: 9 May 2024 10:12

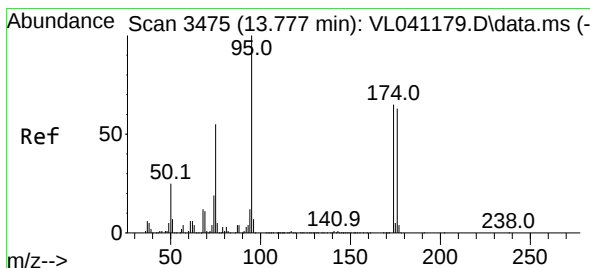
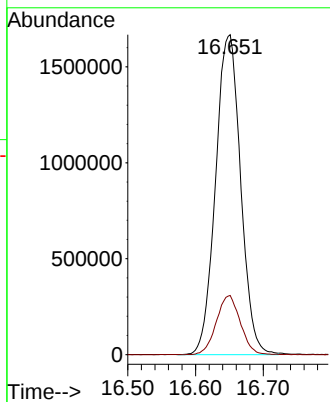
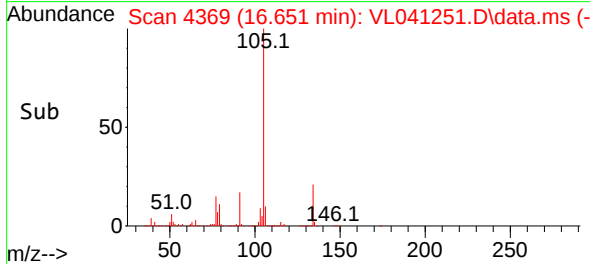
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0509ABS01



Tgt Ion:105 Resp: 427975
 Ion Ratio Lower Upper
 105 100
 134 17.7 13.8 20.8

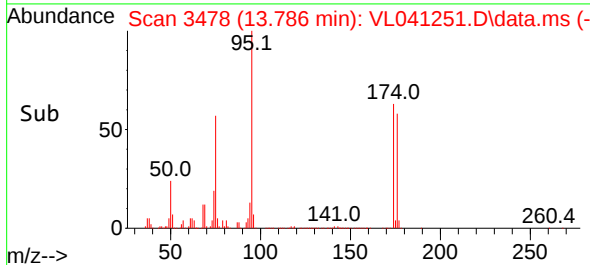
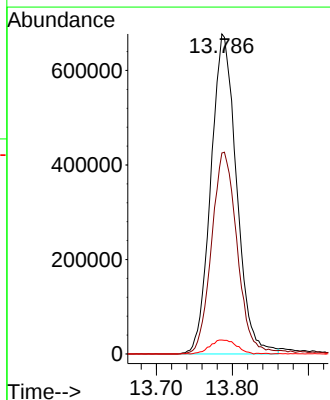
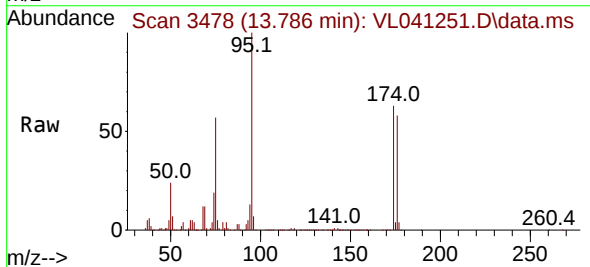
Manual Integrations
 APPROVED

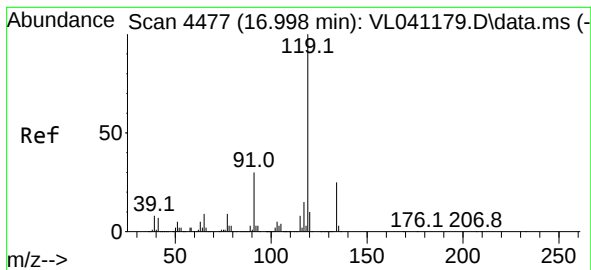
Reviewed By :Semsettin Yesilyurt 05/10/2024
 Supervised By :Mahesh Dadoda 05/10/2024



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.941 ppbv
 RT: 13.786 min Scan# 3478
 Delta R.T. -0.000 min
 Lab File: VL041251.D
 Acq: 9 May 2024 10:12

Tgt Ion: 95 Resp: 1589577
 Ion Ratio Lower Upper
 95 100
 174 63.2 53.6 80.4
 175 4.7 4.2 6.4





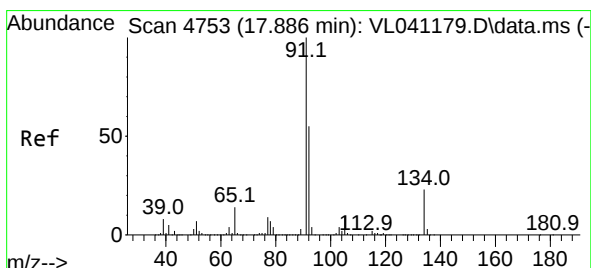
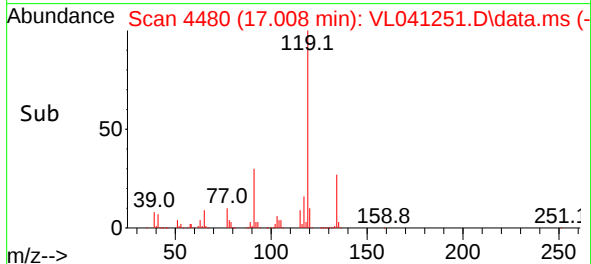
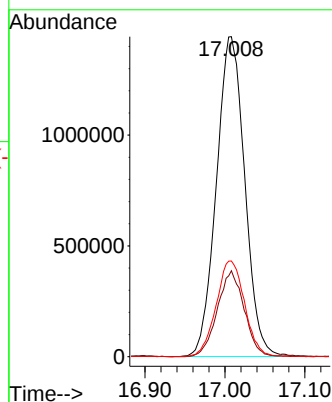
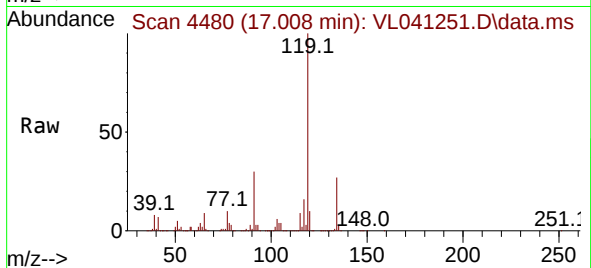
#69
p-Isopropyltoluene
Concen: 9.989 ppbv
RT: 17.008 min Scan# 4477
Delta R.T. -0.000 min
Lab File: VL041251.D
Acq: 9 May 2024 10:12

Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01

Tgt Ion:119 Resp: 355212
Ion Ratio Lower Upper
119 100
134 25.5 20.1 30.1
91 30.1 24.2 36.2

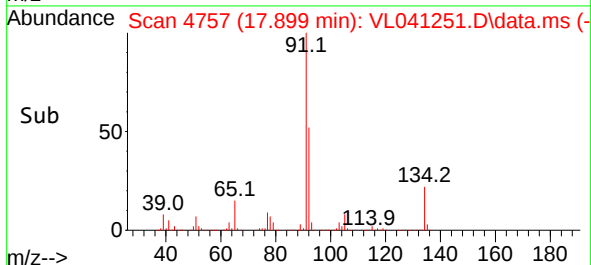
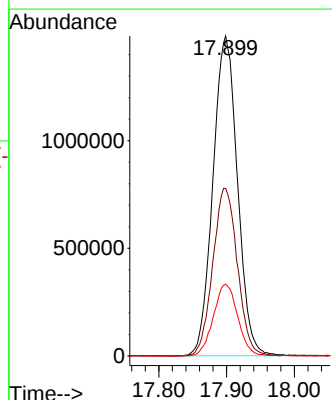
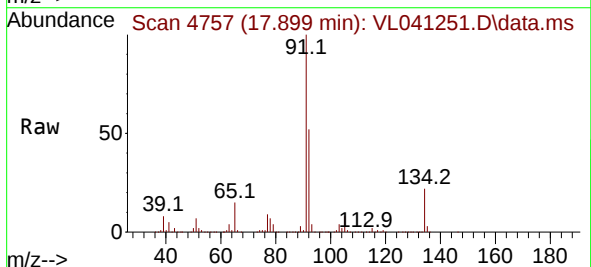
Manual Integrations
APPROVED

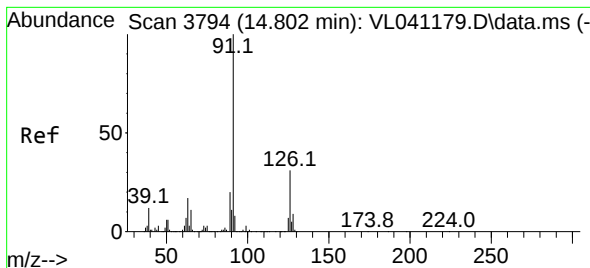
Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#70
n-Butylbenzene
Concen: 10.052 ppbv
RT: 17.899 min Scan# 4757
Delta R.T. -0.000 min
Lab File: VL041251.D
Acq: 9 May 2024 10:12

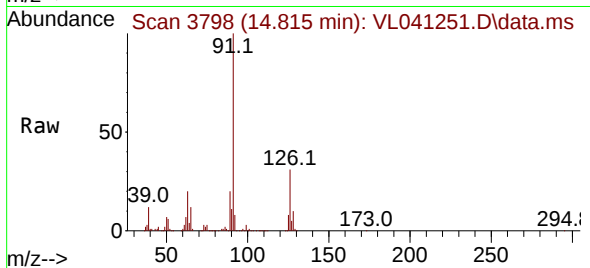
Tgt Ion: 91 Resp: 3733108
Ion Ratio Lower Upper
91 100
92 52.7 43.3 64.9
134 22.4 17.8 26.8





#71
2-Chlorotoluene
Concen: 10.124 ppbv
RT: 14.815 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL041251.D
Acq: 9 May 2024 10:12

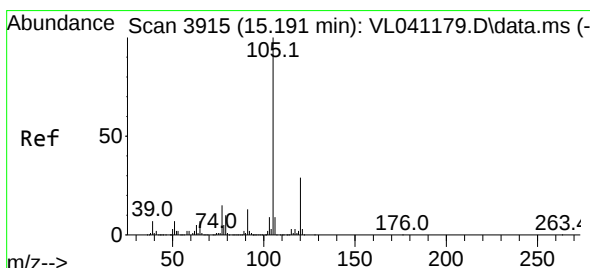
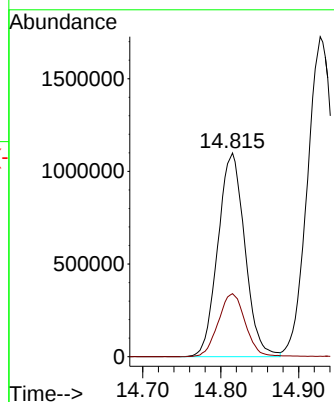
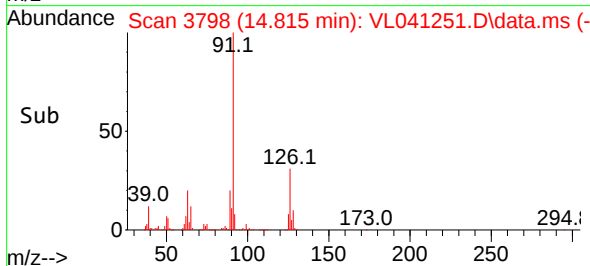
Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01



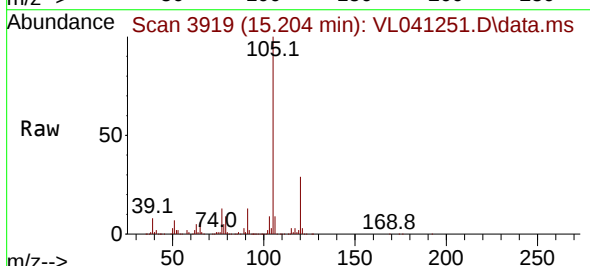
Tgt Ion: 91 Resp: 263809
Ion Ratio Lower Upper
91 100
126 31.5 12.2 48.8

Manual Integrations
APPROVED

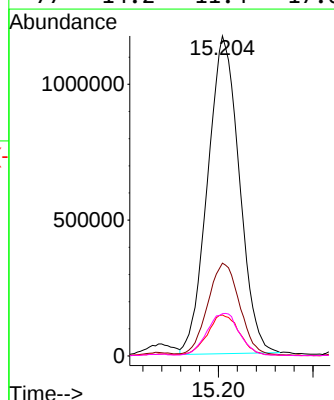
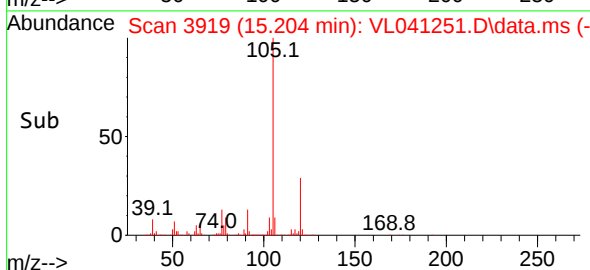
Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024

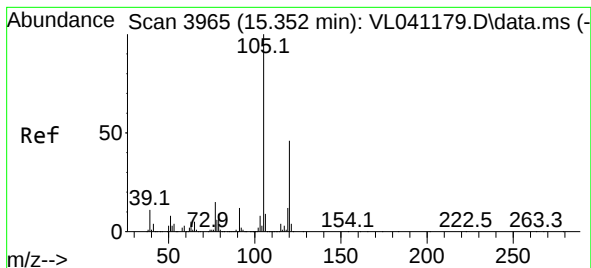


#72
4-Ethyltoluene
Concen: 10.489 ppbv
RT: 15.204 min Scan# 3919
Delta R.T. -0.003 min
Lab File: VL041251.D
Acq: 9 May 2024 10:12



Tgt Ion:105 Resp: 2718402
Ion Ratio Lower Upper
105 100
120 31.1 24.7 37.1
91 13.4 10.3 15.5
77 14.2 11.4 17.0





#73

1,3,5-Trimethylbenzene

Concen: 10.186 ppbv

RT: 15.362 min Scan# 3965

Delta R.T. -0.003 min

Lab File: VL041251.D

Acq: 9 May 2024 10:12

Instrument :

MSVOA_L

ClientSampleId :

VL0509ABS01

Tgt Ion:105 Resp: 238856

Ion Ratio Lower Upper

105 100

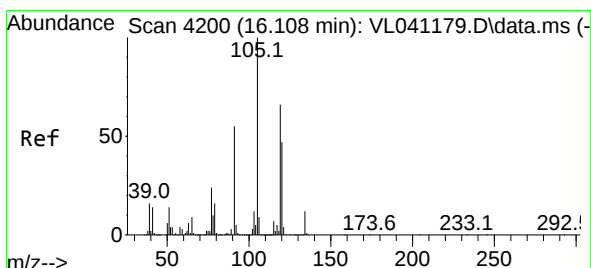
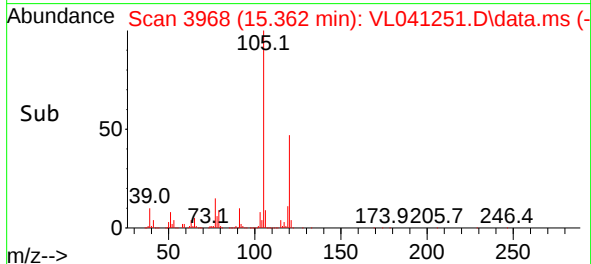
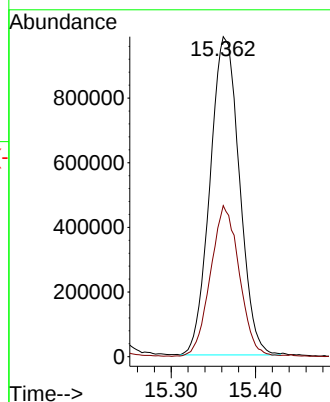
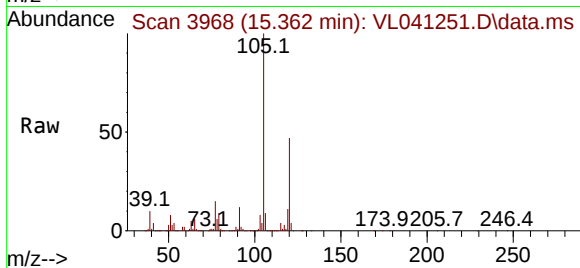
120 47.3 37.0 55.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/10/2024

Supervised By :Mahesh Dadoda 05/10/2024



#74

1,2,4-Trimethylbenzene

Concen: 10.146 ppbv

RT: 16.117 min Scan# 4203

Delta R.T. -0.003 min

Lab File: VL041251.D

Acq: 9 May 2024 10:12

Tgt Ion:105 Resp: 2598398

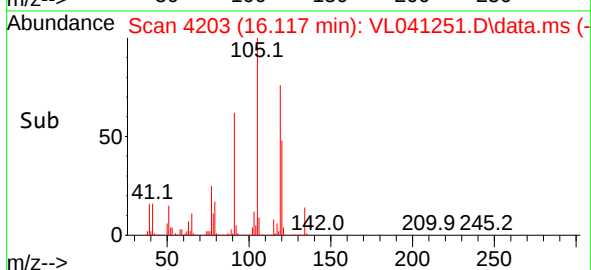
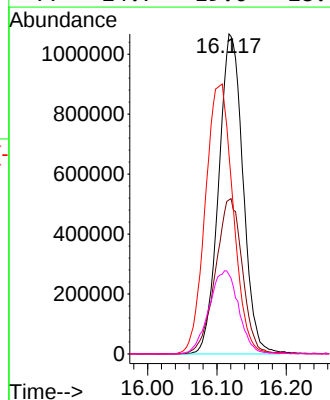
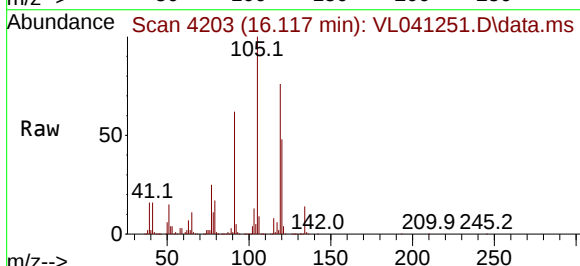
Ion Ratio Lower Upper

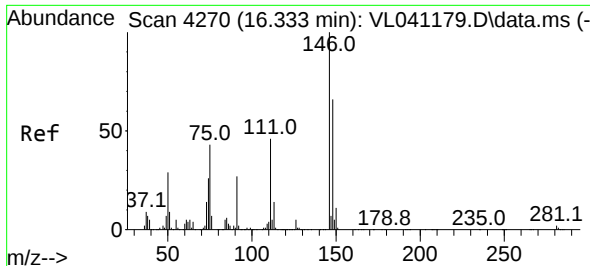
105 100

120 48.1 37.8 56.6

91 61.8 44.3 66.5

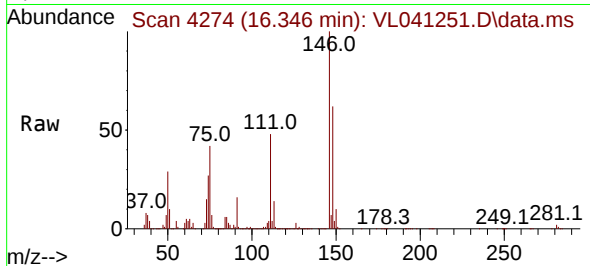
77 24.7 19.0 28.4





#75
1,3-Dichlorobenzene
Concen: 10.454 ppbv
RT: 16.346 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL041251.D
Acq: 9 May 2024 10:12

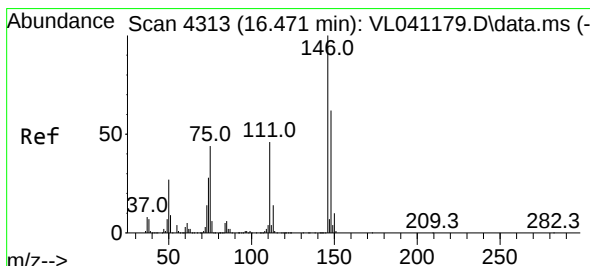
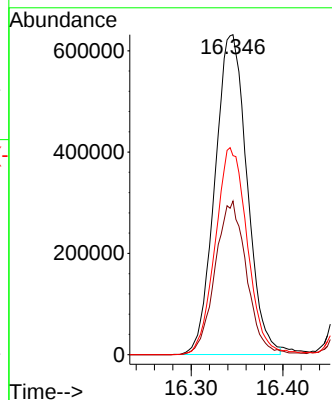
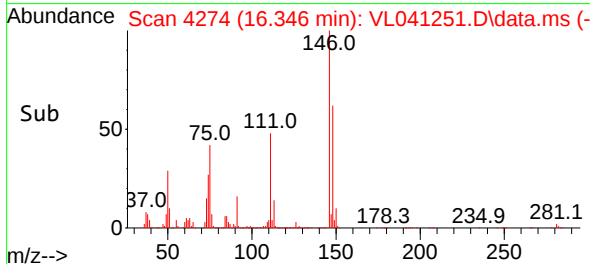
Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01



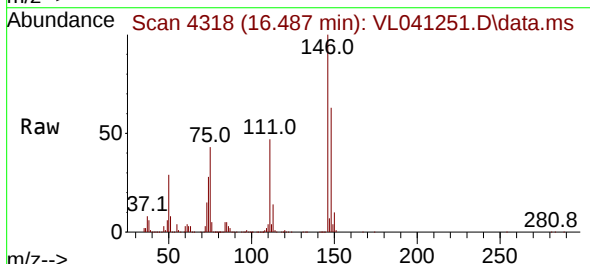
Tgt Ion:146 Resp: 153525
Ion Ratio Lower Upper
146 100
111 47.1 23.7 71.1
148 65.0 32.5 97.4

Manual Integrations
APPROVED

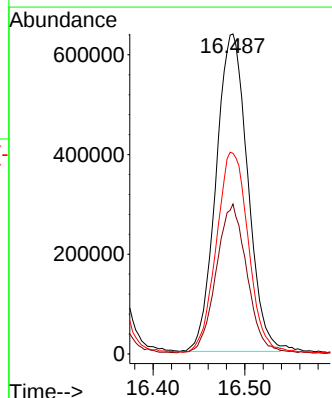
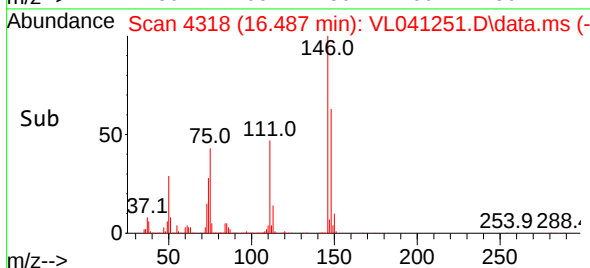
Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024

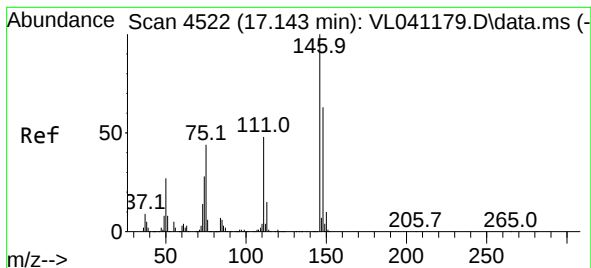


#76
1,4-Dichlorobenzene
Concen: 10.776 ppbv
RT: 16.487 min Scan# 4318
Delta R.T. 0.003 min
Lab File: VL041251.D
Acq: 9 May 2024 10:12



Tgt Ion:146 Resp: 1521812
Ion Ratio Lower Upper
146 100
111 46.9 23.3 69.8
148 66.1 32.6 97.7





#77

1,2-Dichlorobenzene

Concen: 10.220 ppbv

RT: 17.156 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL041251.D

Acq: 9 May 2024 10:12

Instrument :

MSVOA_L

ClientSampleId :

VL0509ABS01

Tgt Ion:146 Resp: 150018

Ion Ratio Lower Upper

146 100

111 48.5 24.5 73.5

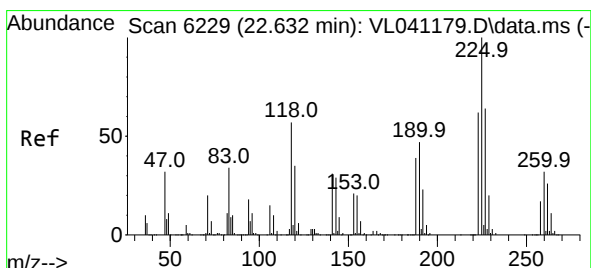
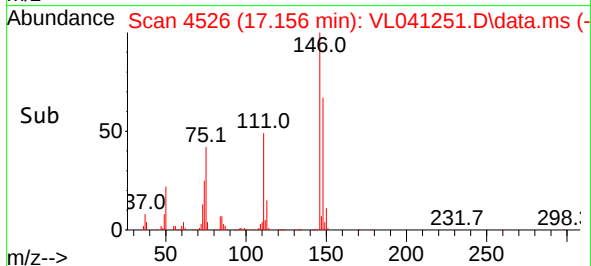
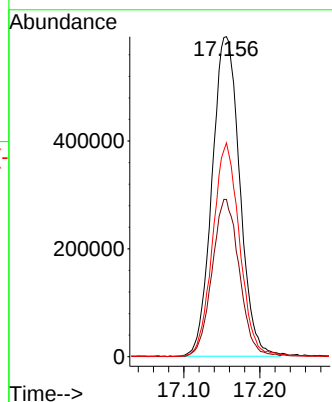
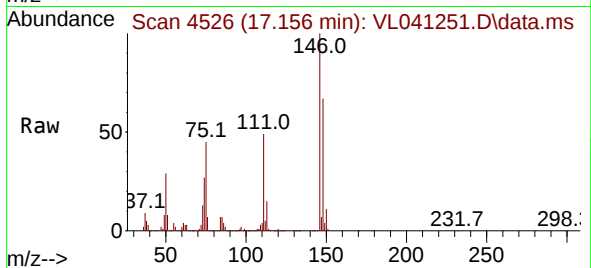
148 65.2 32.6 98.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/10/2024

Supervised By :Mahesh Dadoda 05/10/2024



#78

Hexachloro-1,3-Butadiene

Concen: 8.140 ppbv

RT: 22.644 min Scan# 6233

Delta R.T. -0.003 min

Lab File: VL041251.D

Acq: 9 May 2024 10:12

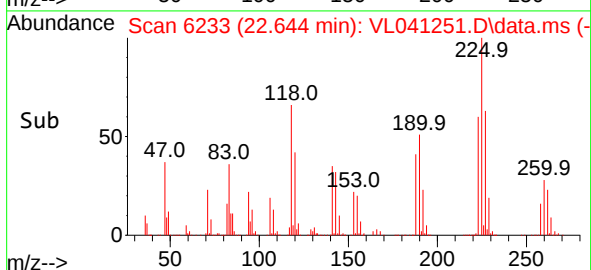
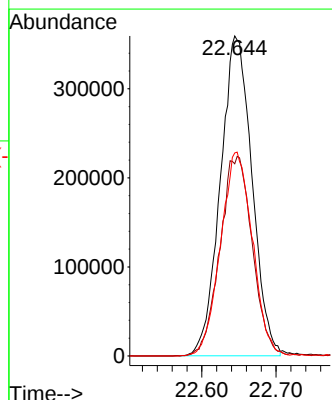
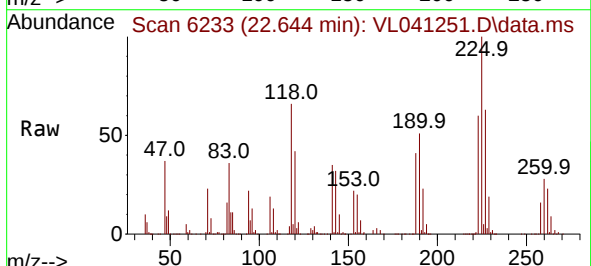
Tgt Ion:225 Resp: 1062019

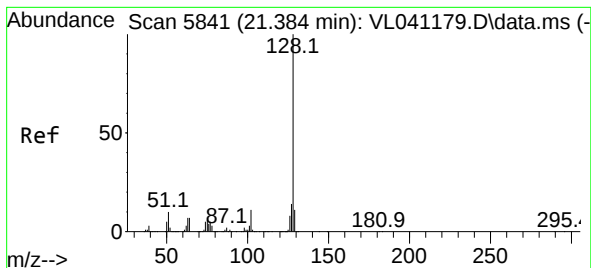
Ion Ratio Lower Upper

225 100

223 64.4 50.9 76.3

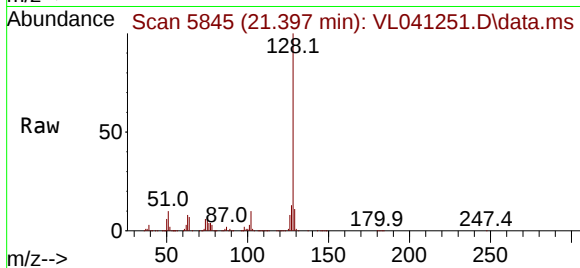
227 64.7 52.0 78.0





#79
Naphthalene
Concen: 10.756 ppbv
RT: 21.397 min Scan# 5845
Delta R.T. -0.003 min
Lab File: VL041251.D
Acq: 9 May 2024 10:12

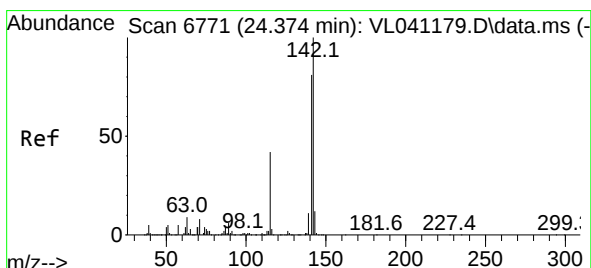
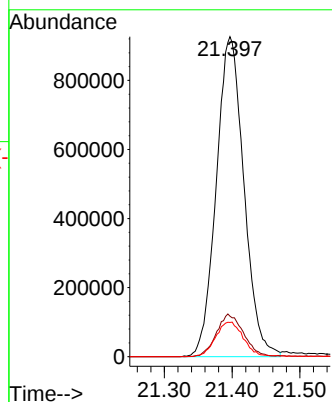
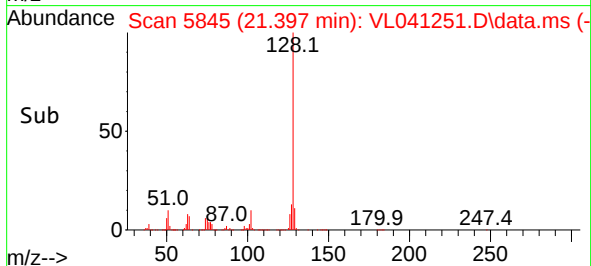
Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01



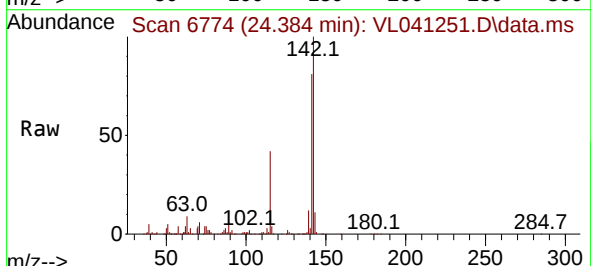
Tgt Ion:128 Resp: 262314
Ion Ratio Lower Upper
128 100
127 12.6 10.8 16.2
129 10.7 8.9 13.3

Manual Integrations
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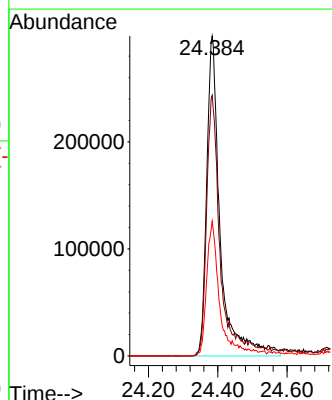
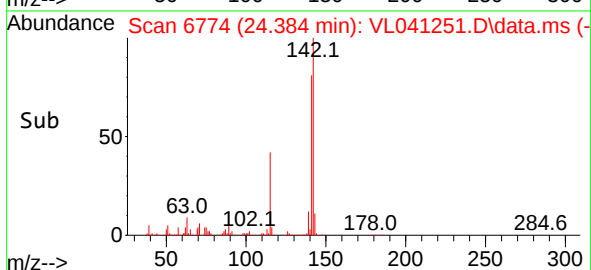
Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024

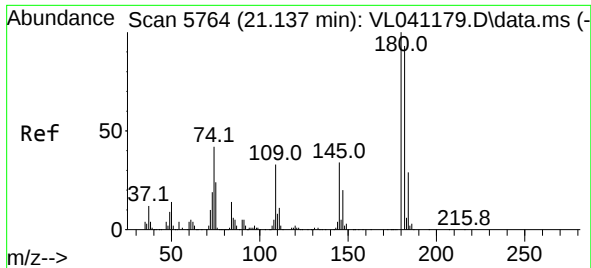


#80
Naphthalene,2-methyl-
Concen: 8.266 ppbv
RT: 24.384 min Scan# 6774
Delta R.T. -0.003 min
Lab File: VL041251.D
Acq: 9 May 2024 10:12



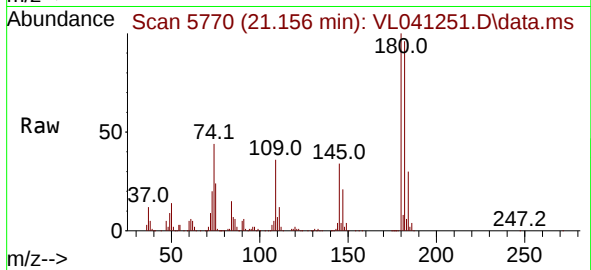
Tgt Ion:142 Resp: 810982
Ion Ratio Lower Upper
142 100
141 81.0 67.9 101.9
115 41.3 31.4 47.0





#81
 1,2,4-Trichlorobenzene
 Concen: 9.670 ppbv
 RT: 21.156 min Scan# 51
 Delta R.T. 0.003 min
 Lab File: VL041251.D
 Acq: 9 May 2024 10:12

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0509ABS01



Tgt Ion:180 Resp: 124527
 Ion Ratio Lower Upper
 180 100
 182 97.9 77.2 115.8
 184 30.9 24.6 36.8

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/10/2024
 Supervised By :Mahesh Dadoda 05/10/2024

