

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072623\
 Data File : VL040545.D
 Acq On : 26 Jul 2023 17:05
 Operator : SY/MD
 Sample : VL0726ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0726ABS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 07/27/2023
 Supervised By : Mahesh Dadoda 07/27/2023

Quant Time: Jul 27 01:51:25 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M

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

QLast Update : Mon Jul 10 16:32:00 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.176	49	1132692	10.000	ppbv	-0.03
33) 1,4-Difluorobenzene	6.639	114	2822334	10.000	ppbv	-0.03
55) Chlorobenzene-d5	11.458	117	2876582m	10.000	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.767 95 2162080 9.497 ppbv -0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 95.000%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.706	85	1791096	7.905	ppbv	99
3) Chlorodifluoromethane	2.652	51	1853093	10.321	ppbv	97
4) Chloromethane	2.790	50	737041	10.363	ppbv	96
5) Vinyl Chloride	2.899	62	803566	10.760	ppbv	99
6) Bromomethane	3.099	94	358894	11.385	ppbv	97
7) Chloroethane	3.176	64	281926	10.759	ppbv	92
8) Dichlorotetrafluoroethane	2.835	85	1998533	10.722	ppbv	100
9) Propene	2.671	41	591998	9.632	ppbv	98
10) Heptane	7.568	43	1442898	10.631	ppbv	99
11) Trichlorofluoromethane	3.542	101	2062909	11.284	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.047	101	1452599	11.282	ppbv	96
13) Ethanol	3.218	45	141194	10.558	ppbv	95
14) Bromoethene	3.343	108	620174	11.202	ppbv	99
15) Acetone	3.446	43	1418607	10.880	ppbv	98
16) 1,3-Butadiene	2.963	39	717587	10.909	ppbv	99
17) tert-Butyl alcohol	3.857	59	1586660	11.766	ppbv	99
18) 1,1-Dichloroethene	3.861	96	674335	11.392	ppbv	98
19) Isopropyl Alcohol	3.552	45	890632	11.899	ppbv #	98
20) Methylene Chloride	3.915	84	599753	10.814	ppbv	92
21) Allyl Chloride	3.976	41	794769	10.674	ppbv	95
22) trans-1,2-Dichloroethene	4.426	96	665119	11.389	ppbv	96
23) Vinyl Acetate	4.607	43	1460805	11.760	ppbv	99
24) 1,1-Dichloroethane	4.545	63	1359365	10.782	ppbv	99
25) Ethyl Acetate	5.185	43	2637455	10.625	ppbv	99
26) Hexane	5.195	57	1182198	10.252	ppbv	98
27) Carbon Disulfide	4.105	76	1648122	12.151	ppbv	99
28) Methyl tert-Butyl Ether	4.568	73	969921	10.448	ppbv	99
29) Chloroform	5.259	83	2030612	10.617	ppbv	98
30) Cyclohexane	6.587	84	982758	10.242	ppbv	98
31) cis-1,2-Dichloroethene	5.063	61	1231082	10.801	ppbv	98
32) 1,1,1-Trichloroethane	5.989	97	2056088	10.986	ppbv	99
34) 2-Butanone	4.767	43	1630733	11.693	ppbv	99
35) Carbon Tetrachloride	6.478	117	2084089	12.270	ppbv	97
36) Benzene	6.356	78	2454026	10.806	ppbv	97
37) 1,2-Dichloroethane	5.793	62	1540871	11.534	ppbv	98
38) Trichloroethene	7.278	130	1001685	11.662	ppbv	96
39) 1,2-Dichloropropane	7.060	63	946175	10.823	ppbv	95
40) 1,4-Dioxane	7.272	88	334574	12.236	ppbv #	36
41) Tetrahydrofuran	5.539	42	926382	11.383	ppbv	98
42) Bromodichloromethane	7.237	83	2200496	11.843	ppbv	100
43) Methyl Methacrylate	7.462	69	1009711	11.879	ppbv	97
44) 2,2,4-Trimethylpentane	7.314	57	4015124	10.989	ppbv	98
45) t-1,3-Dichloropropene	8.700	75	731549	13.416	ppbv	98

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Manual Integrations
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Quant Time: Jul 27 01:51:25 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M

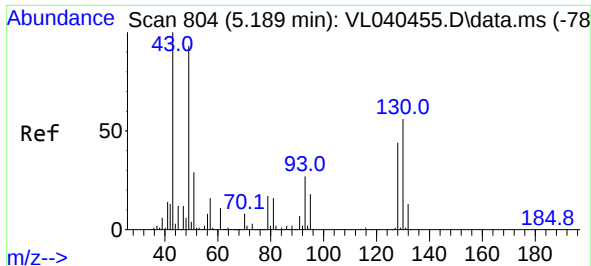
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Mon Jul 10 16:32:00 2023

Response via : Initial Calibration

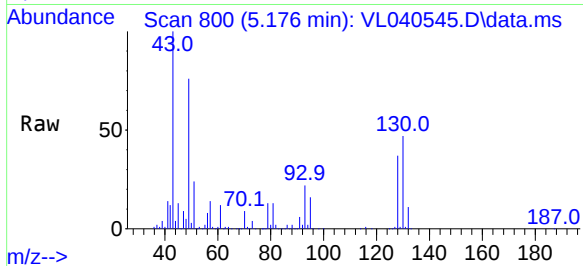
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.130	75	889868	12.720	ppbv	93
47) 1,1,2-Trichloroethane	8.886	97	1054458	10.932	ppbv	99
48) Dibromochloromethane	9.700	129	1801779	12.082	ppbv	100
49) Bromoform	12.397	173	1494814	12.644	ppbv	99
50) 4-Methyl-2-Pentanone	8.169	43	2410820	11.898	ppbv	97
51) 2-Hexanone	9.539	43	1764108	12.311	ppbv #	99
52) Tetrachloroethene	10.606	164	859762	11.691	ppbv	97
53) Toluene	9.211	91	2835173	11.494	ppbv	99
54) 1,2-Dibromoethane	10.002	107	1437941	11.994	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.500	131	1356325	10.528	ppbv	97
57) Chlorobenzene	11.519	112	2234458	9.960	ppbv	96
58) Ethyl Benzene	12.079	91	3918221	10.854	ppbv	100
59) m/p-Xylene	12.362	91	6849834m	21.260	ppbv	
60) o-Xylene	13.050	91	3305341	10.769	ppbv	100
61) Styrene	12.889	104	1651478	11.664	ppbv	97
62) Isopropylbenzene	14.024	105	4791294	10.415	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.037	83	2329149	10.836	ppbv	99
64) n-propylbenzene	14.908	120	1275555	10.717	ppbv	96
65) tert-Butylbenzene	16.082	119	4305133	10.571	ppbv	96
66) Benzyl Chloride	16.317	91	346365	12.022	ppbv	95
67) sec-Butylbenzene	16.629	105	6266223	10.471	ppbv	99
69) p-Isopropyltoluene	16.989	119	5203518	10.522	ppbv	98
70) n-Butylbenzene	17.879	91	5890850	10.682	ppbv	99
71) 2-Chlorotoluene	14.793	91	3827207	10.795	ppbv	99
72) 4-Ethyltoluene	15.185	105	4007874	11.139	ppbv	98
73) 1,3,5-Trimethylbenzene	15.342	105	3474307	10.955	ppbv	98
74) 1,2,4-Trimethylbenzene	16.101	105	3931769	10.633	ppbv	94
75) 1,3-Dichlorobenzene	16.323	146	2317490	10.337	ppbv	99
76) 1,4-Dichlorobenzene	16.468	146	2273767	10.344	ppbv	99
77) 1,2-Dichlorobenzene	17.137	146	2226664	10.387	ppbv	99
78) Hexachloro-1,3-Butadiene	22.628	225	1884892	9.363	ppbv	99
79) Naphthalene	21.374	128	4002630	12.794	ppbv	99
80) Naphthalene,2-methyl-	24.365	142	1656364	12.840	ppbv	97
81) 1,2,4-Trichlorobenzene	21.133	180	2366813	10.978	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.176 min Scan# 80
Delta R.T. -0.026 min
Lab File: VL040545.D
Acq: 26 Jul 2023 17:05

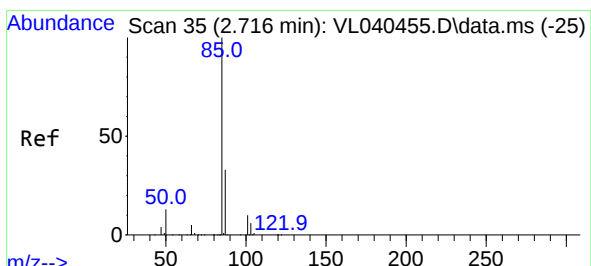
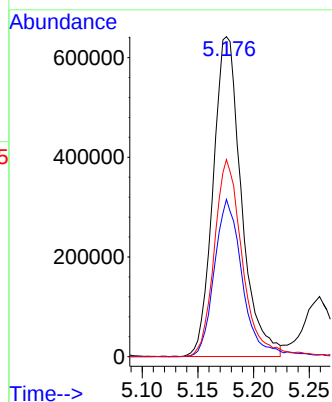
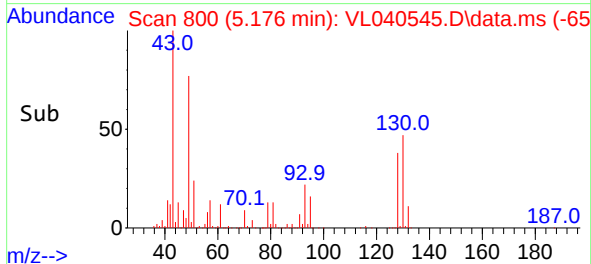
Instrument :
MSVOA_L
ClientSampleId :
VL0726ABS01



Tgt Ion: 49 Resp: 1132692
Ion Ratio Lower Upper
49 100
128 49.7 25.1 75.4
130 62.6 31.6 94.7

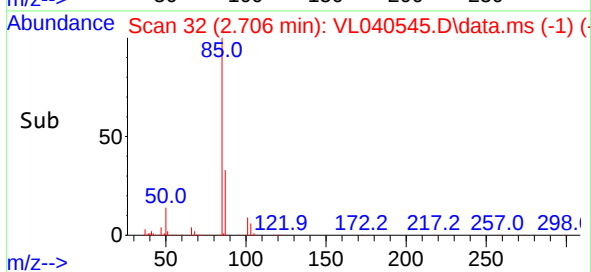
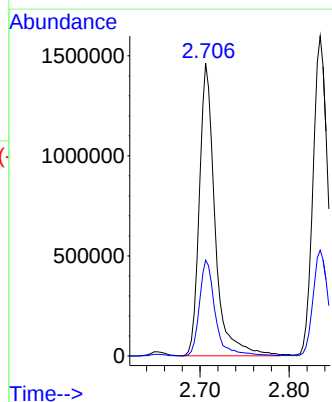
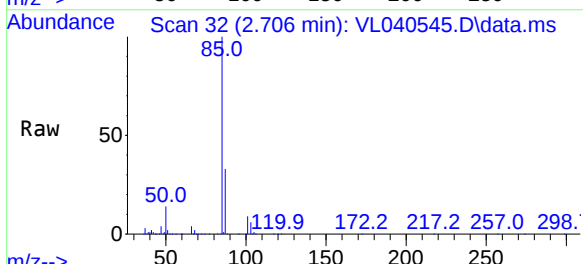
Manual Integrations
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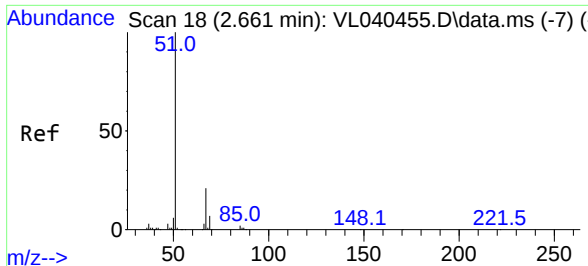
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#2
Dichlorodifluoromethane
Concen: 7.905 ppbv
RT: 2.706 min Scan# 32
Delta R.T. -0.032 min
Lab File: VL040545.D
Acq: 26 Jul 2023 17:05

Tgt Ion: 85 Resp: 1791096
Ion Ratio Lower Upper
85 100
87 32.7 26.8 40.2





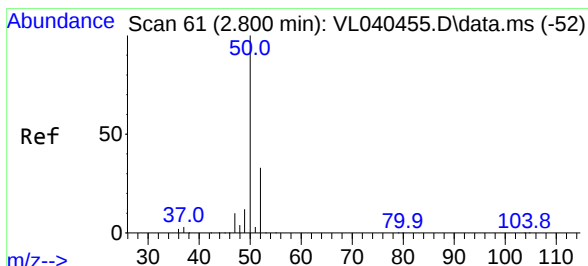
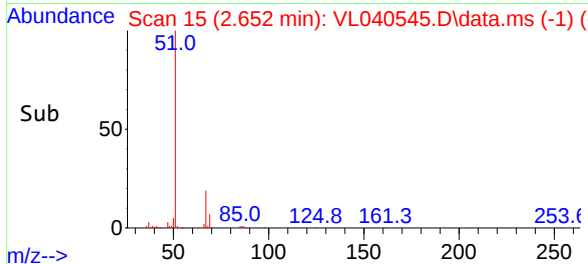
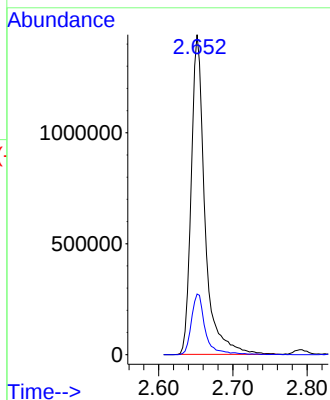
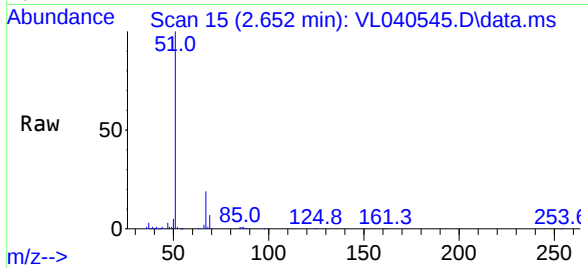
#3
Chlorodifluoromethane
Concen: 10.321 ppbv
RT: 2.652 min Scan# 11
Delta R.T. -0.032 min
Lab File: VL040545.D
Acq: 26 Jul 2023 17:05

Instrument :
MSVOA_L
ClientSampleId :
VL0726ABS01

Tgt Ion: 51 Resp: 185309
Ion Ratio Lower Upper
51 100
67 19.4 14.6 21.8

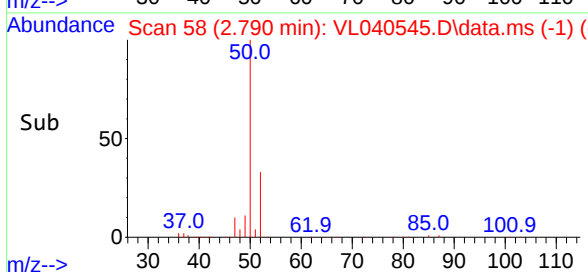
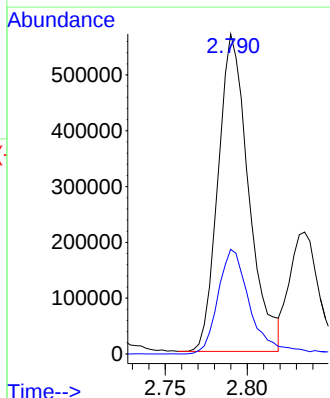
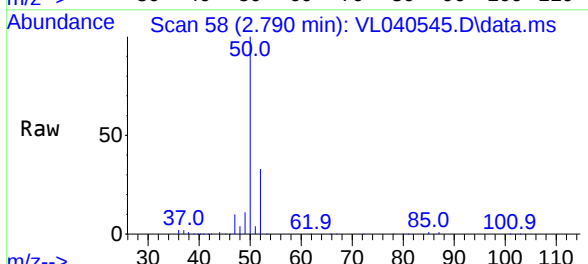
Manual Integrations
APPROVED

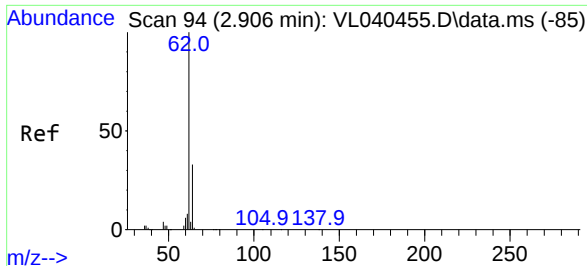
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#4
Chloromethane
Concen: 10.363 ppbv
RT: 2.790 min Scan# 58
Delta R.T. -0.032 min
Lab File: VL040545.D
Acq: 26 Jul 2023 17:05

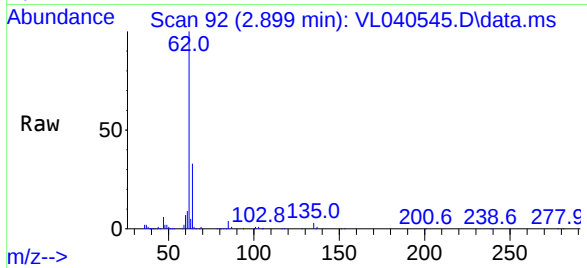
Tgt Ion: 50 Resp: 737041
Ion Ratio Lower Upper
50 100
52 32.9 24.4 36.6





#5
 Vinyl Chloride
 Concen: 10.760 ppbv
 RT: 2.899 min Scan# 91
 Delta R.T. -0.029 min
 Lab File: VL040545.D
 Acq: 26 Jul 2023 17:05

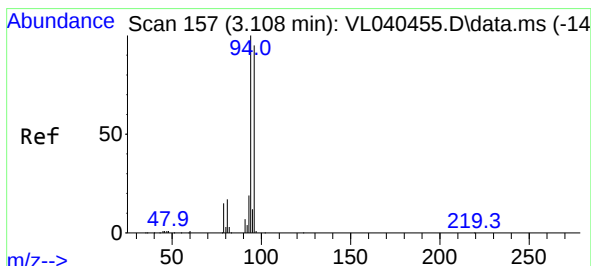
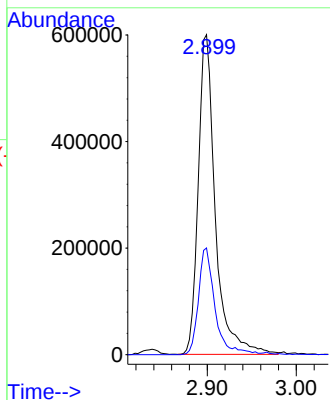
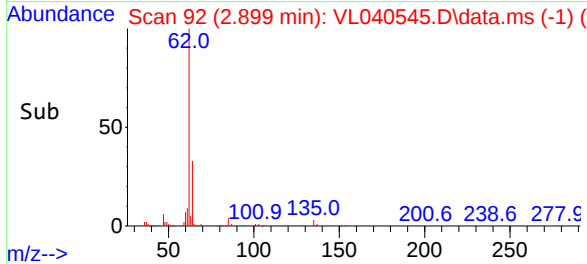
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0726ABS01



Tgt Ion: 62 Resp: 803560
 Ion Ratio Lower Upper
 62 100
 64 33.4 26.4 39.6

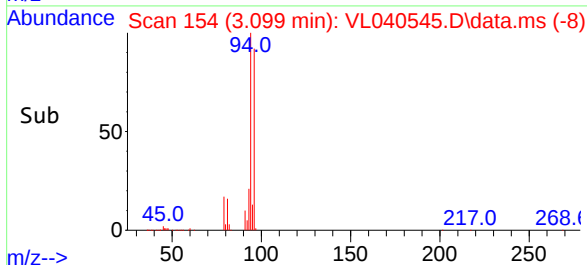
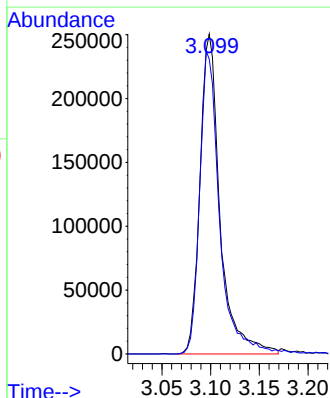
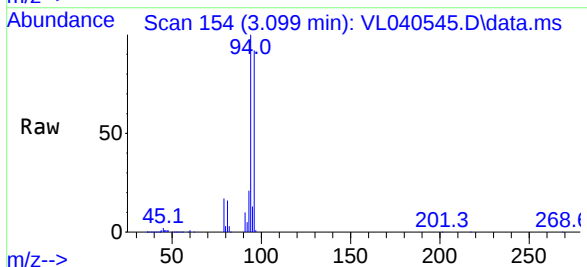
Manual Integrations
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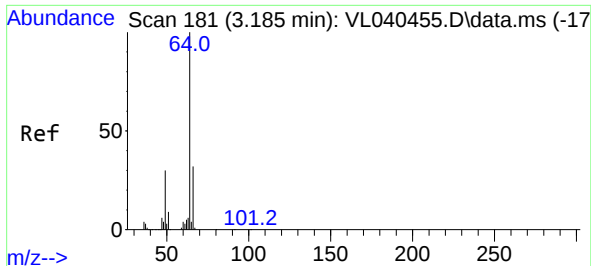
Reviewed By :Semsettin Yesilyurt 07/27/2023
 Supervised By :Mahesh Dadoda 07/27/2023



#6
 Bromomethane
 Concen: 11.385 ppbv
 RT: 3.099 min Scan# 154
 Delta R.T. -0.029 min
 Lab File: VL040545.D
 Acq: 26 Jul 2023 17:05

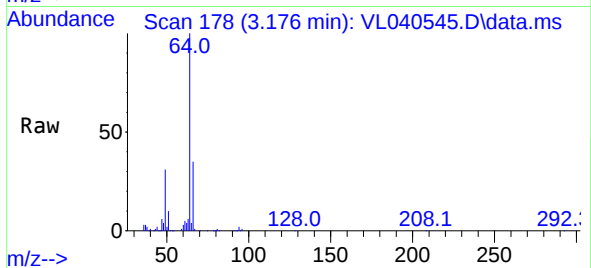
Tgt Ion: 94 Resp: 358894
 Ion Ratio Lower Upper
 94 100
 96 92.1 75.7 113.5





#7
Chloroethane
Concen: 10.759 ppbv
RT: 3.176 min Scan# 11
Delta R.T. -0.029 min
Lab File: VL040545.D
Acq: 26 Jul 2023 17:05

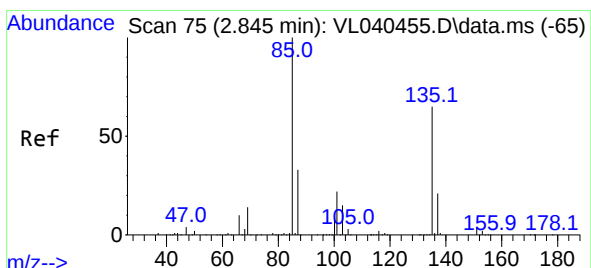
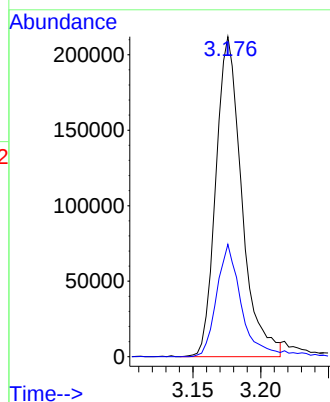
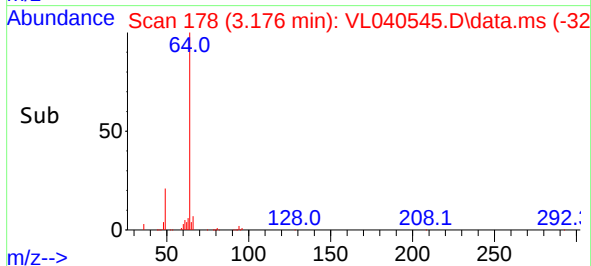
Instrument :
MSVOA_L
ClientSampleId :
VL0726ABS01



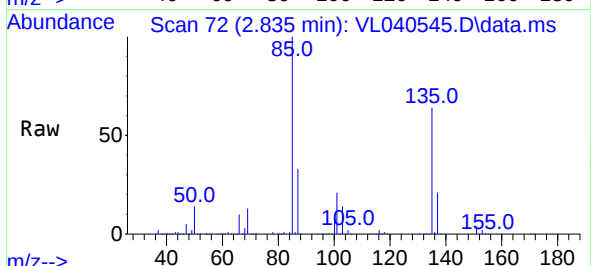
Tgt Ion: 64 Resp: 281920
Ion Ratio Lower Upper
64 100
66 35.1 24.4 36.6

Manual Integrations
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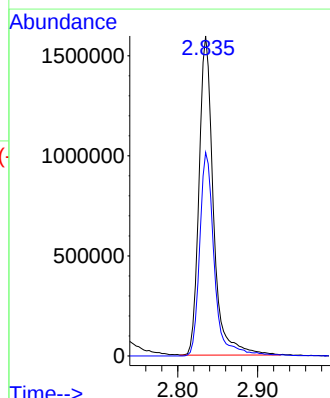
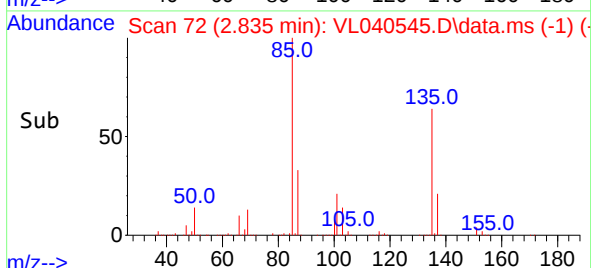
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



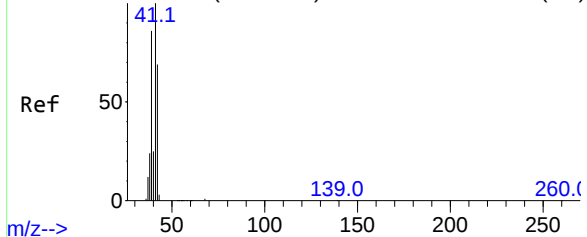
#8
Dichlorotetrafluoroethane
Concen: 10.722 ppbv
RT: 2.835 min Scan# 72
Delta R.T. -0.032 min
Lab File: VL040545.D
Acq: 26 Jul 2023 17:05



Tgt Ion: 85 Resp: 1998533
Ion Ratio Lower Upper
85 100
135 65.4 52.4 78.6



Abundance Scan 23 (2.677 min): VL040455.D\data.ms (-15)



#9

Propene

Concen: 9.632 ppbv

RT: 2.671 min Scan# 21

Delta R.T. -0.032 min

Lab File: VL040545.D

Acq: 26 Jul 2023 17:05

Instrument :

MSVOA_L

ClientSampleId :

VL0726ABS01

Tgt Ion: 41 Resp: 591998

Ion Ratio Lower Upper

41 100

42 70.1 55.0 82.6

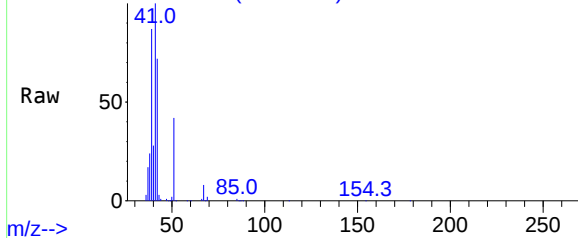
Manual Integrations

APPROVED

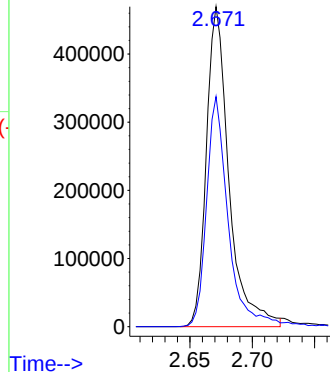
Reviewed By :Semsettin Yesilyurt 07/27/2023

Supervised By :Mahesh Dadoda 07/27/2023

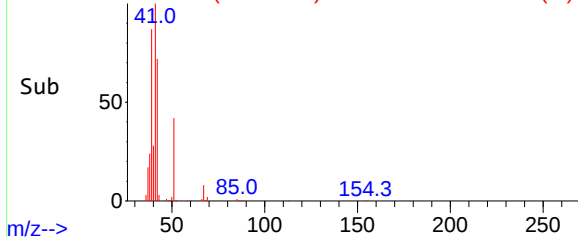
Abundance Scan 21 (2.671 min): VL040545.D\data.ms



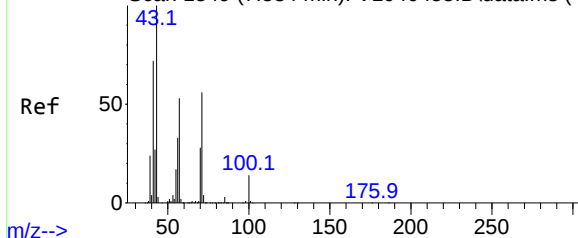
Abundance



Abundance Scan 21 (2.671 min): VL040545.D\data.ms (-1)



Abundance Scan 1549 (7.584 min): VL040455.D\data.ms (-1)



#10

Heptane

Concen: 10.631 ppbv

RT: 7.568 min Scan# 1544

Delta R.T. -0.023 min

Lab File: VL040545.D

Acq: 26 Jul 2023 17:05

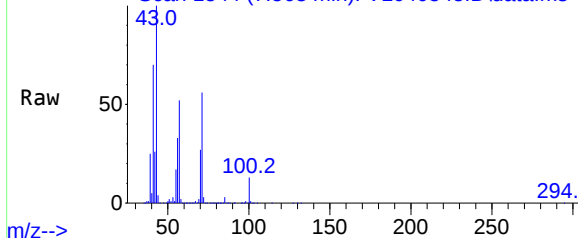
Tgt Ion: 43 Resp: 1442898

Ion Ratio Lower Upper

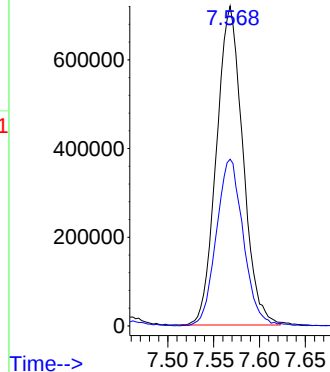
43 100

57 53.6 42.5 63.7

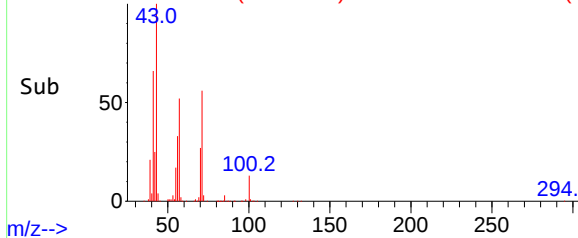
Abundance Scan 1544 (7.568 min): VL040545.D\data.ms

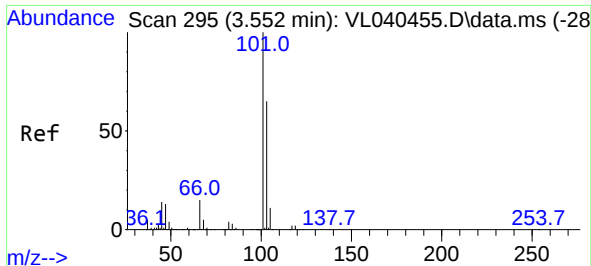


Abundance



Abundance Scan 1544 (7.568 min): VL040545.D\data.ms (-1)





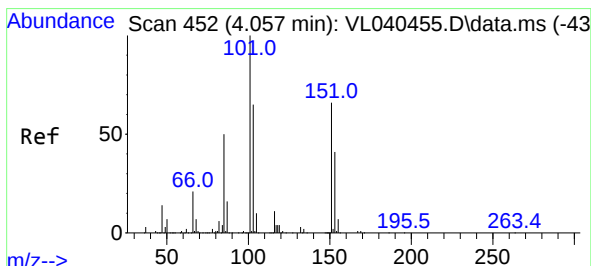
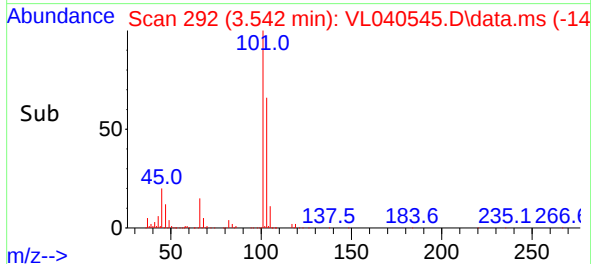
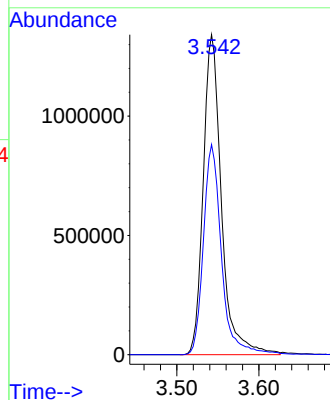
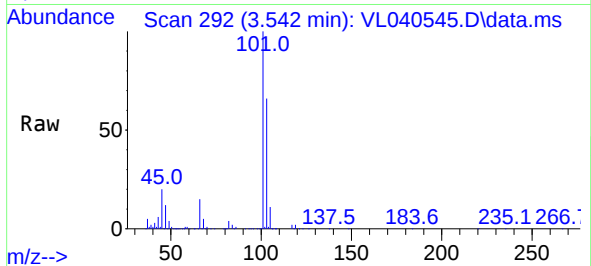
#11
Trichlorofluoromethane
Concen: 11.284 ppbv
RT: 3.542 min Scan# 295
Delta R.T. -0.029 min
Lab File: VL040545.D
Acq: 26 Jul 2023 17:05

Instrument :
MSVOA_L
ClientSampleId :
VL0726ABS01

Tgt Ion:101 Resp: 2062909
Ion Ratio Lower Upper
101 100
103 65.7 53.4 80.0

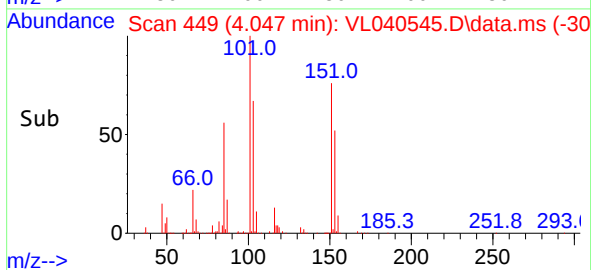
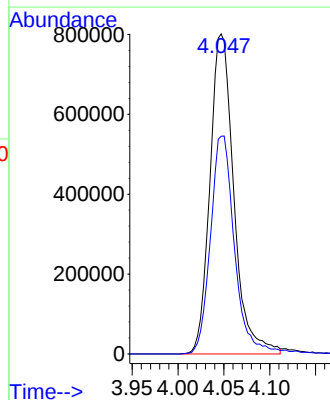
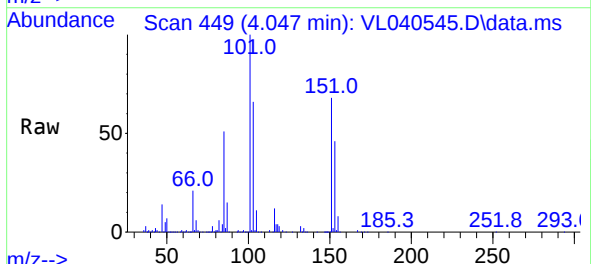
Manual Integrations
APPROVED

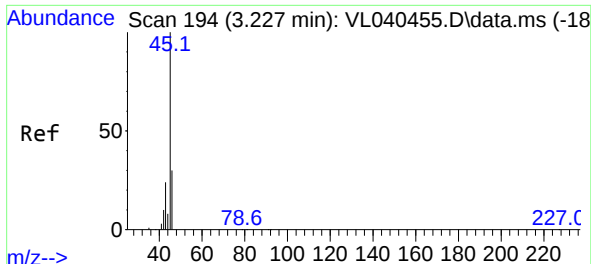
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#12
1,1,2-Trichlorotrifluoroethane
Concen: 11.282 ppbv
RT: 4.047 min Scan# 449
Delta R.T. -0.026 min
Lab File: VL040545.D
Acq: 26 Jul 2023 17:05

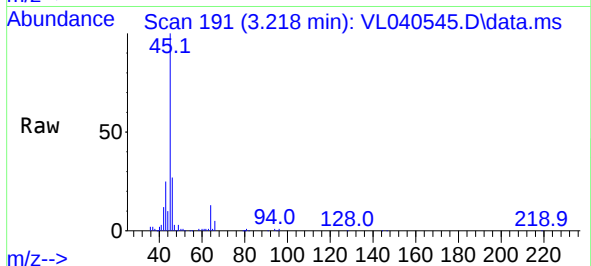
Tgt Ion:101 Resp: 1452599
Ion Ratio Lower Upper
101 100
151 69.4 58.2 87.4





#13
Ethanol
Concen: 10.558 ppbv
RT: 3.218 min Scan# 194
Delta R.T. -0.029 min
Lab File: VL040545.D
Acq: 26 Jul 2023 17:05

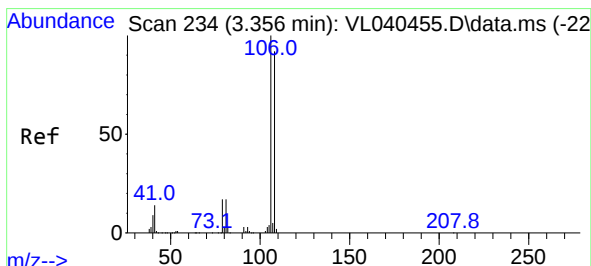
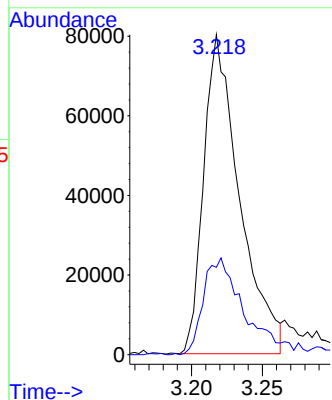
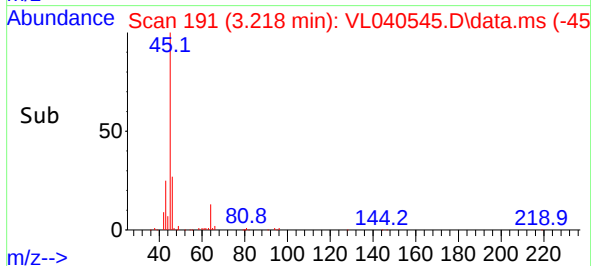
Instrument :
MSVOA_L
ClientSampleId :
VL0726ABS01



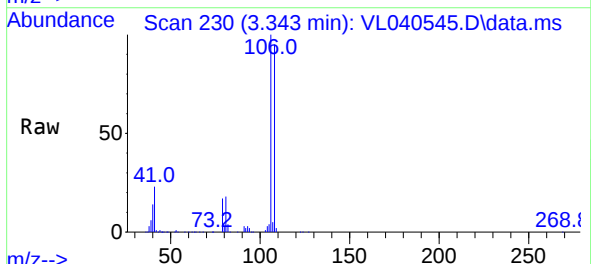
Tgt Ion: 45 Resp: 141194
Ion Ratio Lower Upper
45 100
46 35.0 15.3 61.1

Manual Integrations
APPROVED

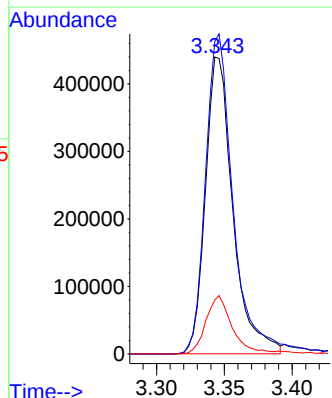
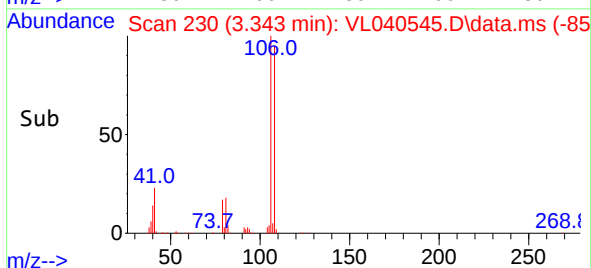
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

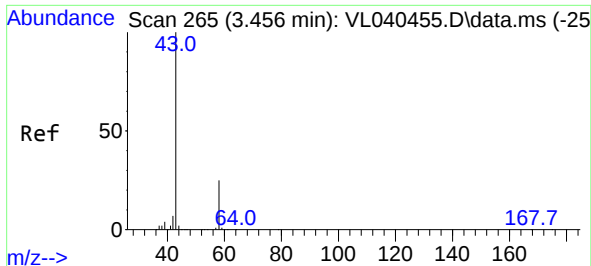


#14
Bromoethene
Concen: 11.202 ppbv
RT: 3.343 min Scan# 230
Delta R.T. -0.032 min
Lab File: VL040545.D
Acq: 26 Jul 2023 17:05



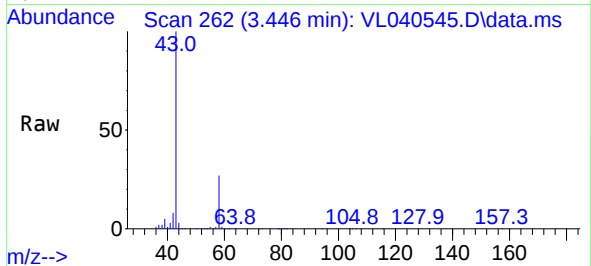
Tgt Ion:108 Resp: 620174
Ion Ratio Lower Upper
108 100
106 110.5 87.2 130.8
79 19.5 15.3 22.9





#15
Acetone
Concen: 10.880 ppbv
RT: 3.446 min Scan# 20
Delta R.T. -0.029 min
Lab File: VL040545.D
Acq: 26 Jul 2023 17:05

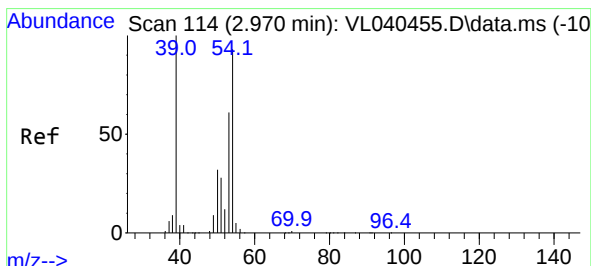
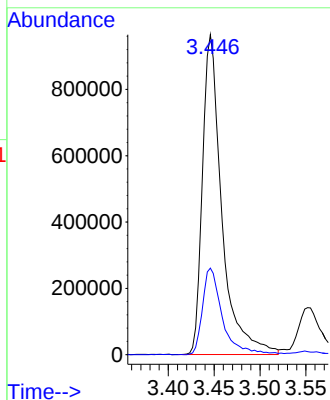
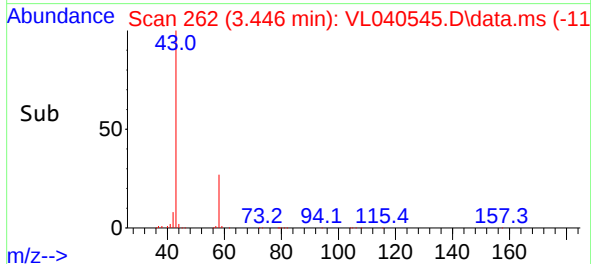
Instrument :
MSVOA_L
ClientSampleId :
VL0726ABS01



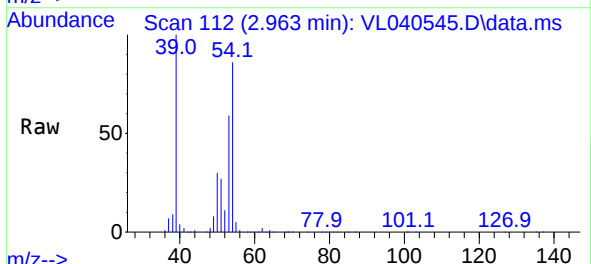
Tgt Ion: 43 Resp: 141860
Ion Ratio Lower Upper
43 100
58 27.8 22.9 34.3

Manual Integrations
APPROVED

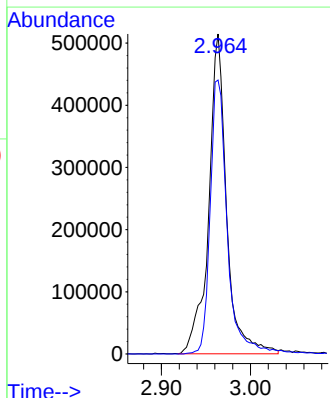
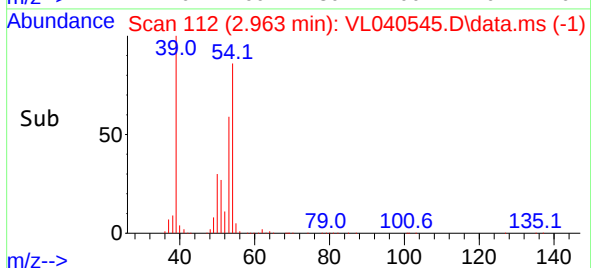
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

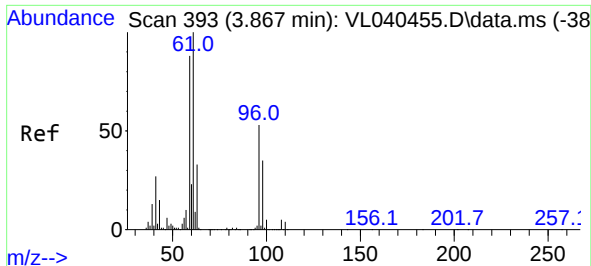


#16
1,3-Butadiene
Concen: 10.909 ppbv
RT: 2.963 min Scan# 112
Delta R.T. -0.029 min
Lab File: VL040545.D
Acq: 26 Jul 2023 17:05



Tgt Ion: 39 Resp: 717587
Ion Ratio Lower Upper
39 100
54 82.4 66.6 100.0





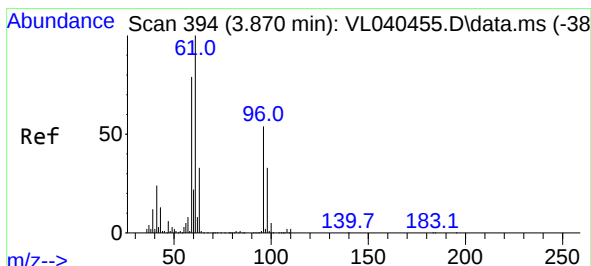
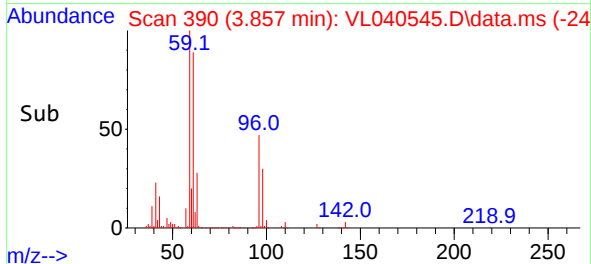
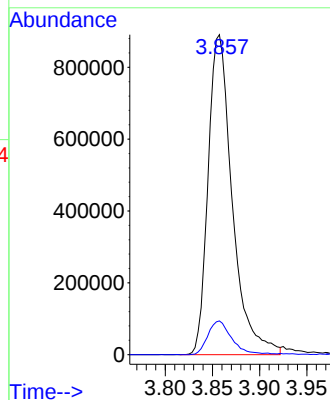
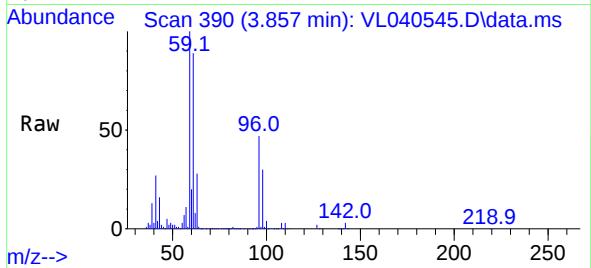
#17
tert-Butyl alcohol
Concen: 11.766 ppbv
RT: 3.857 min Scan# 390
Delta R.T. -0.026 min
Lab File: VL040545.D
Acq: 26 Jul 2023 17:05

Instrument :
MSVOA_L
ClientSampleId :
VL0726ABS01

Tgt Ion: 59 Resp: 158666
Ion Ratio Lower Upper
59 100
57 10.7 8.7 13.1

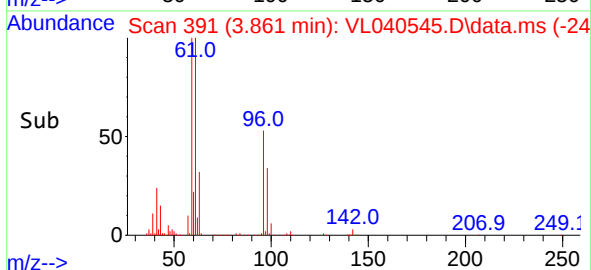
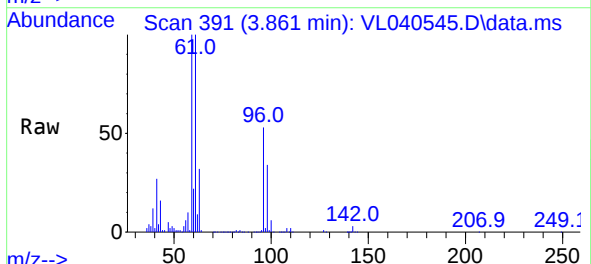
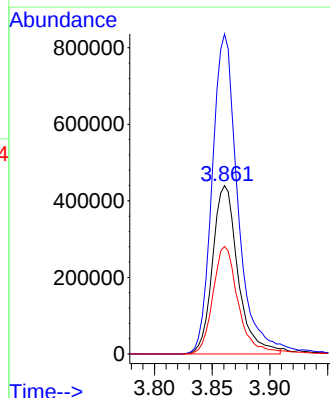
Manual Integrations
APPROVED

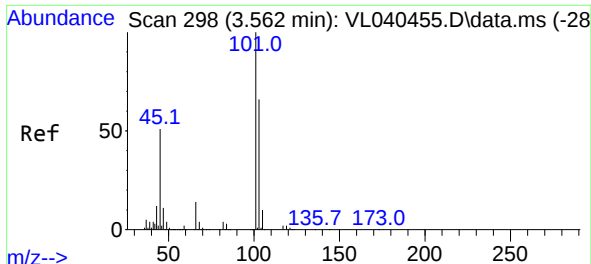
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#18
1,1-Dichloroethene
Concen: 11.392 ppbv
RT: 3.861 min Scan# 391
Delta R.T. -0.029 min
Lab File: VL040545.D
Acq: 26 Jul 2023 17:05

Tgt Ion: 96 Resp: 674335
Ion Ratio Lower Upper
96 100
61 190.0 154.4 231.6
98 63.9 50.0 75.0





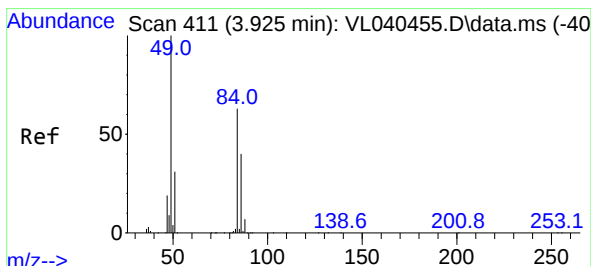
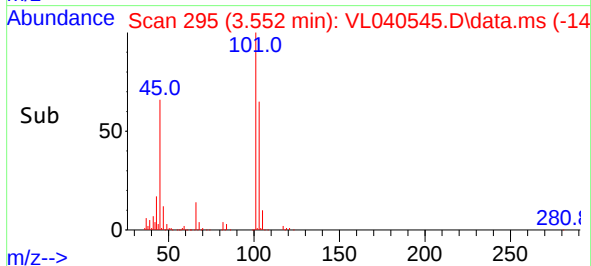
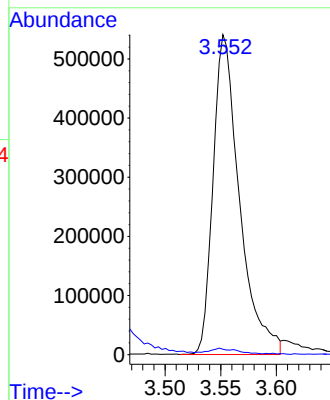
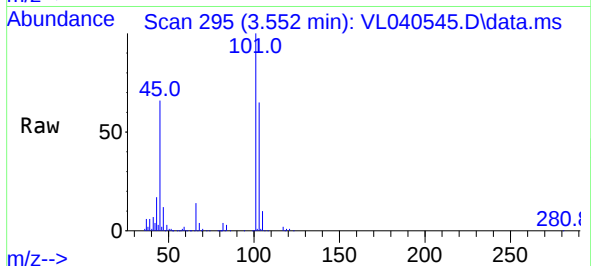
#19
Isopropyl Alcohol
Concen: 11.899 ppbv
RT: 3.552 min Scan# 298
Delta R.T. -0.029 min
Lab File: VL040545.D
Acq: 26 Jul 2023 17:05

Instrument : MSVOA_L
ClientSampleId : VL0726ABS01

Tgt Ion: 45 Resp: 890632
Ion Ratio Lower Upper
45 100
58 2.0 1.1 1.7

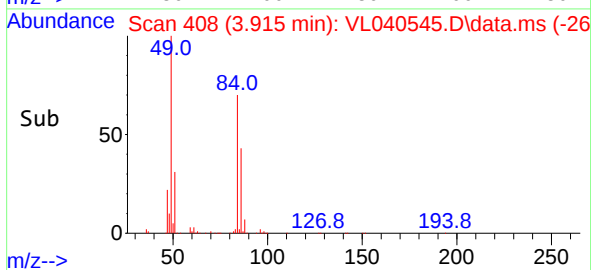
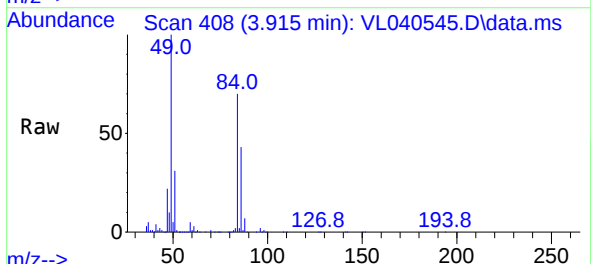
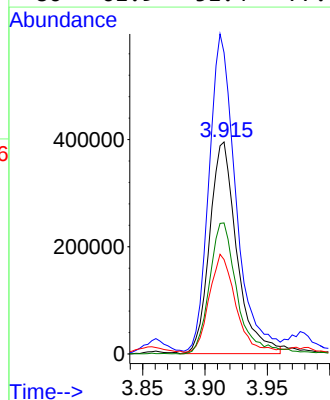
Manual Integrations
APPROVED

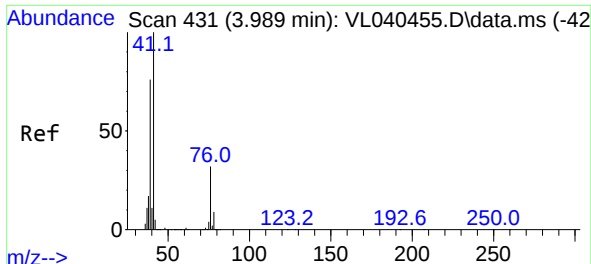
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#20
Methylene Chloride
Concen: 10.814 ppbv
RT: 3.915 min Scan# 408
Delta R.T. -0.026 min
Lab File: VL040545.D
Acq: 26 Jul 2023 17:05

Tgt Ion: 84 Resp: 599753
Ion Ratio Lower Upper
84 100
49 140.7 123.4 185.2
51 43.2 38.3 57.5
86 61.9 51.4 77.0





#21

Allyl Chloride

Concen: 10.674 ppbv

RT: 3.976 min Scan# 41

Delta R.T. -0.029 min

Lab File: VL040545.D

Acq: 26 Jul 2023 17:05

Instrument :

MSVOA_L

ClientSampleId :

VL0726ABS01

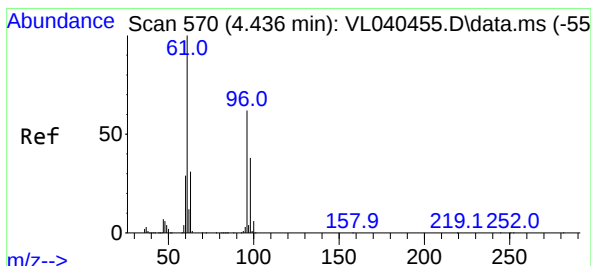
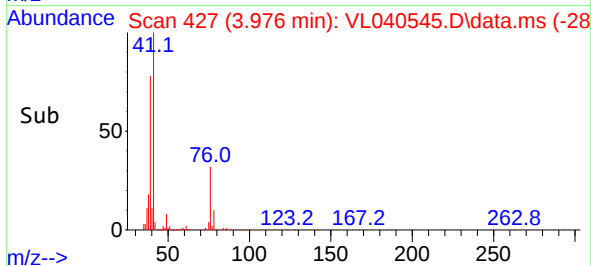
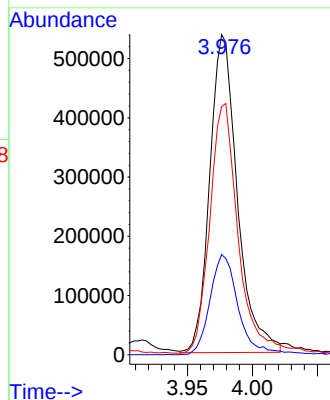
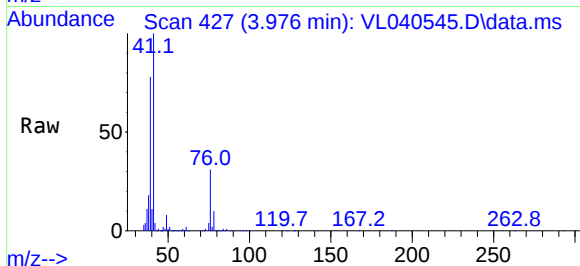
Tgt Ion: 41 Resp: 794769

Ion	Ratio	Lower	Upper
41	100		
76	32.4	24.8	37.2
39	81.1	60.6	91.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#22

trans-1,2-Dichloroethene

Concen: 11.389 ppbv

RT: 4.426 min Scan# 567

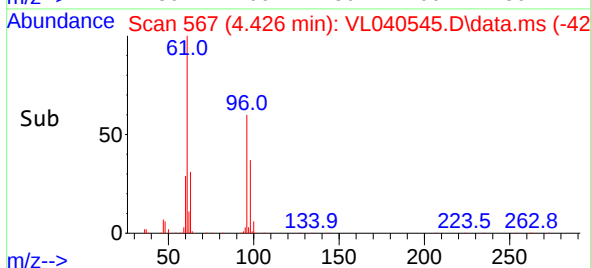
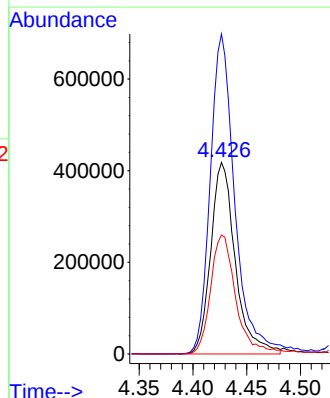
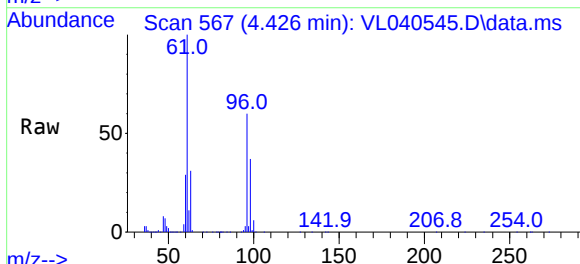
Delta R.T. -0.026 min

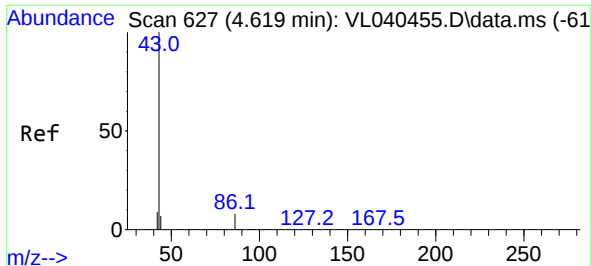
Lab File: VL040545.D

Acq: 26 Jul 2023 17:05

Tgt Ion: 96 Resp: 665119

Ion	Ratio	Lower	Upper
96	100		
61	167.0	137.7	206.5
98	62.1	52.9	79.3





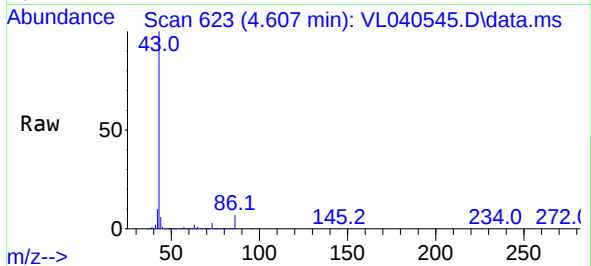
#23
 Vinyl Acetate
 Concen: 11.760 ppbv
 RT: 4.607 min Scan# 61
 Delta R.T. -0.029 min
 Lab File: VL040545.D
 Acq: 26 Jul 2023 17:05

Instrument :

MSVOA_L

ClientSampleId :

VL0726ABS01

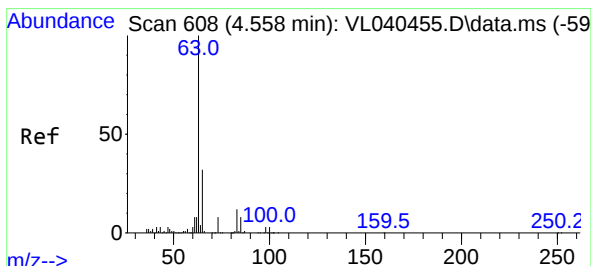
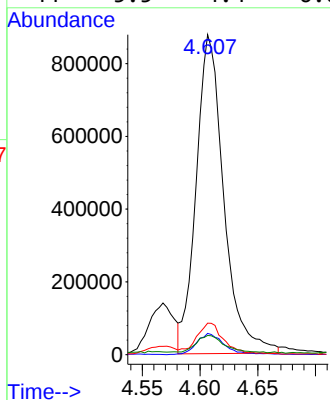
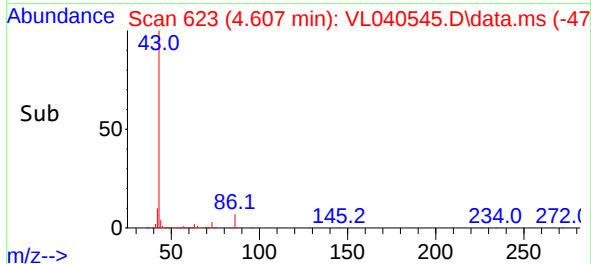


Tgt Ion: 43 Resp: 146080
 Ion Ratio Lower Upper
 43 100
 86 6.6 5.6 8.4
 42 9.8 7.4 11.2
 44 5.5 4.4 6.6

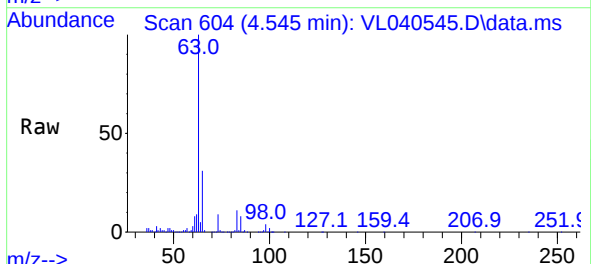
Manual Integrations

APPROVED

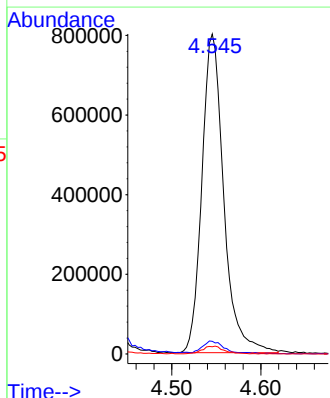
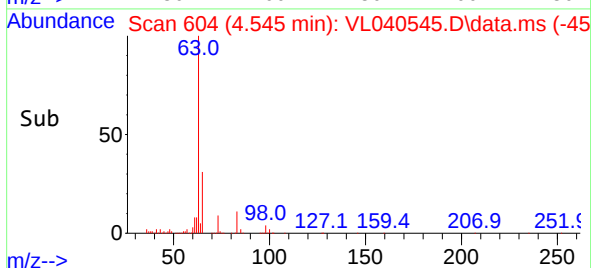
Reviewed By :Semsettin Yesilyurt 07/27/2023
 Supervised By :Mahesh Dadoda 07/27/2023

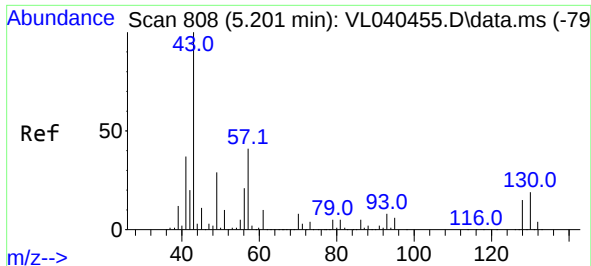


#24
 1,1-Dichloroethane
 Concen: 10.782 ppbv
 RT: 4.545 min Scan# 604
 Delta R.T. -0.026 min
 Lab File: VL040545.D
 Acq: 26 Jul 2023 17:05



Tgt Ion: 63 Resp: 1359365
 Ion Ratio Lower Upper
 63 100
 98 3.8 1.8 5.5
 100 2.2 1.4 4.0





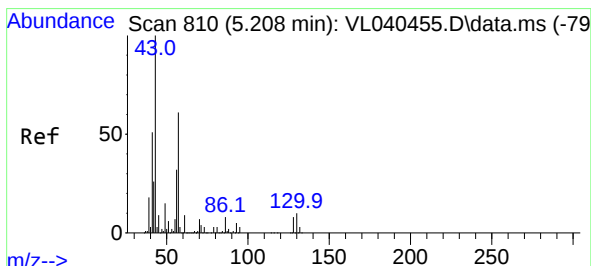
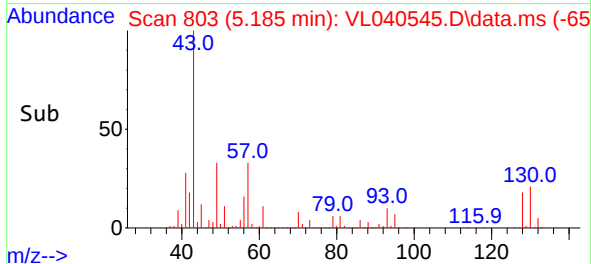
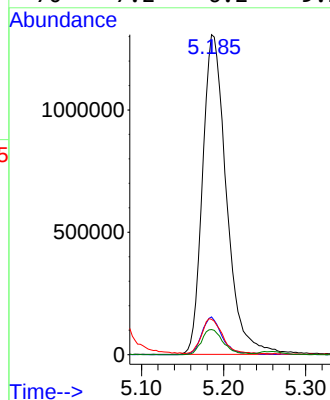
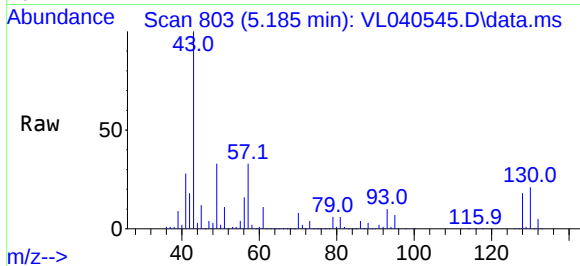
#25
Ethyl Acetate
Concen: 10.625 ppbv
RT: 5.185 min Scan# 803
Delta R.T. -0.026 min
Lab File: VL040545.D
Acq: 26 Jul 2023 17:05

Instrument :
MSVOA_L
ClientSampleId :
VL0726ABS01

Tgt Ion: 43 Resp: 263745
Ion Ratio Lower Upper
43 100
45 10.4 8.2 12.4
61 10.5 8.3 12.5
70 7.2 6.2 9.2

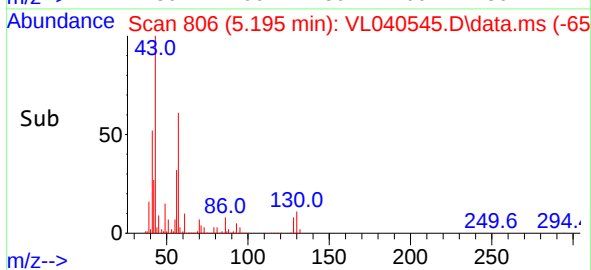
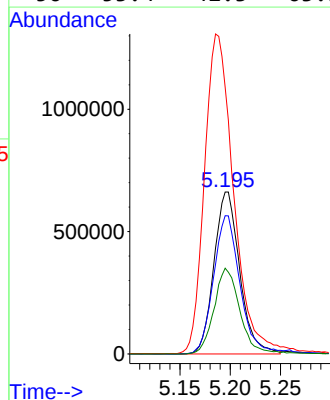
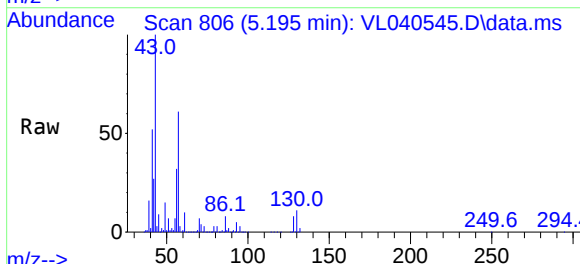
Manual Integrations
APPROVED

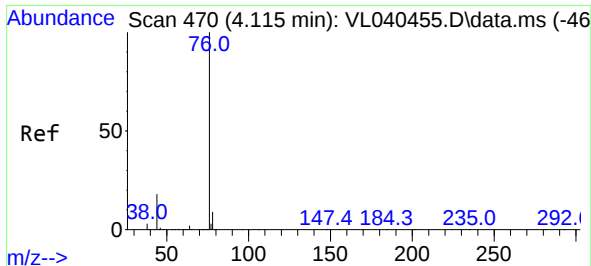
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#26
Hexane
Concen: 10.252 ppbv
RT: 5.195 min Scan# 806
Delta R.T. -0.026 min
Lab File: VL040545.D
Acq: 26 Jul 2023 17:05

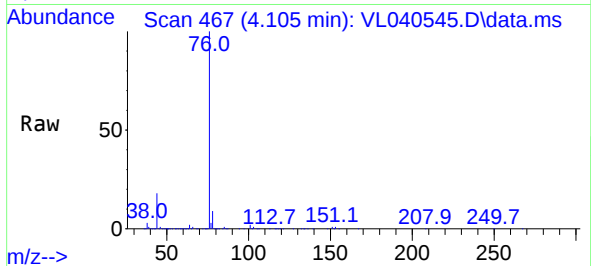
Tgt Ion: 57 Resp: 1182198
Ion Ratio Lower Upper
57 100
41 89.5 69.5 104.3
43 225.1 177.1 265.7
56 53.4 42.3 63.5





#27
Carbon Disulfide
Concen: 12.151 ppbv
RT: 4.105 min Scan# 407
Delta R.T. -0.026 min
Lab File: VL040545.D
Acq: 26 Jul 2023 17:05

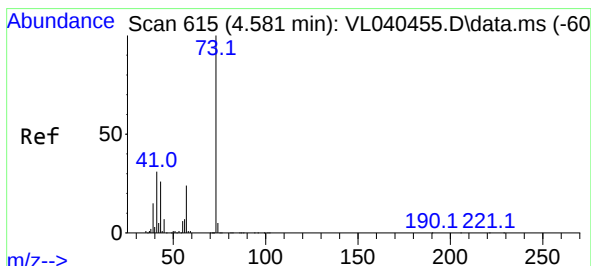
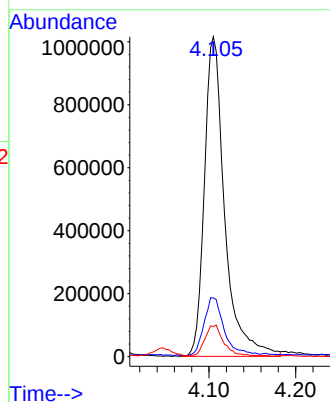
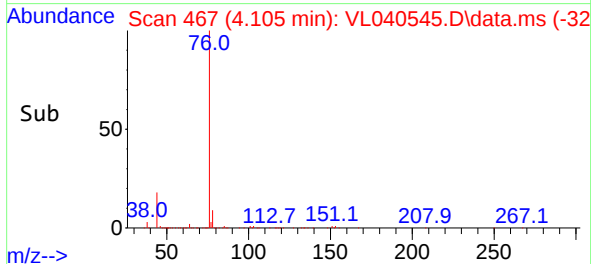
Instrument :
MSVOA_L
ClientSampleId :
VL0726ABS01



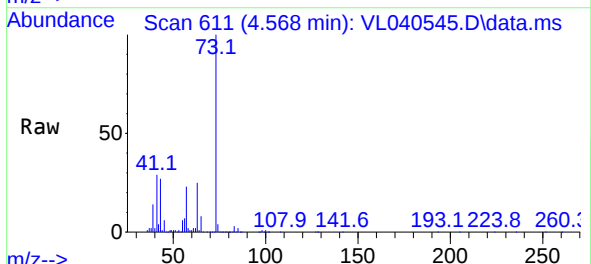
Tgt Ion: 76 Resp: 164812
Ion Ratio Lower Upper
76 100
44 18.3 15.1 22.7
78 9.6 7.5 11.3

Manual Integrations
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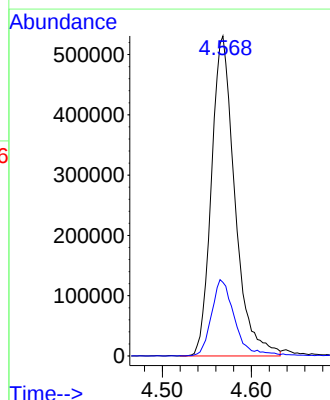
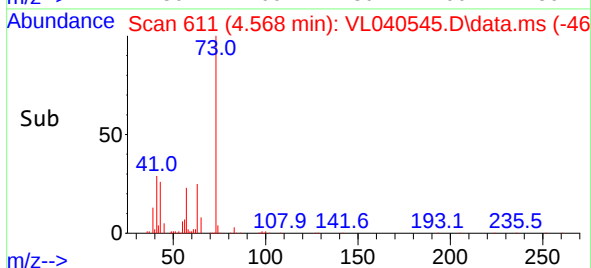
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

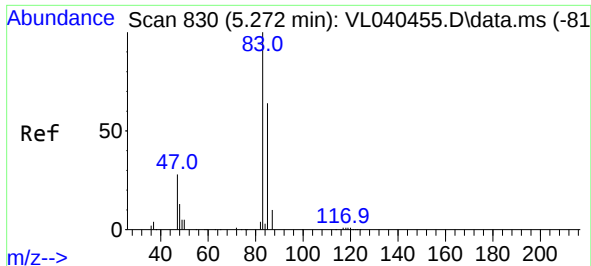


#28
Methyl tert-Butyl Ether
Concen: 10.448 ppbv
RT: 4.568 min Scan# 611
Delta R.T. -0.026 min
Lab File: VL040545.D
Acq: 26 Jul 2023 17:05



Tgt Ion: 73 Resp: 969921
Ion Ratio Lower Upper
73 100
57 23.9 18.8 28.2





#29

Chloroform

Concen: 10.617 ppbv

RT: 5.259 min Scan# 81

Delta R.T. -0.026 min

Lab File: VL040545.D

Acq: 26 Jul 2023 17:05

Instrument :

MSVOA_L

ClientSampleId :

VL0726ABS01

Tgt Ion: 83 Resp: 203061

Ion Ratio Lower Upper

83 100

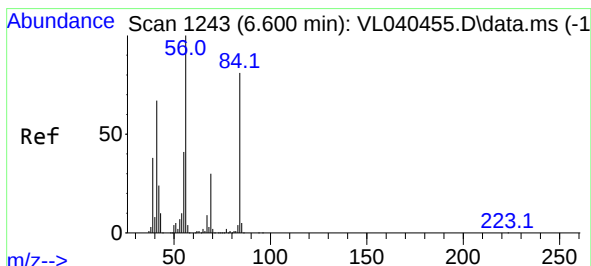
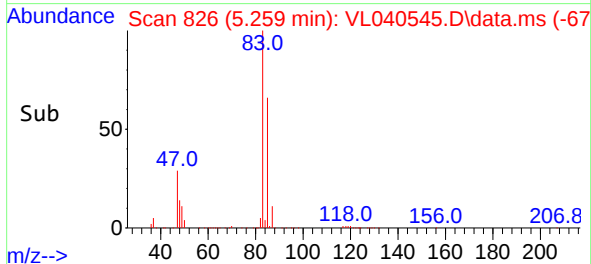
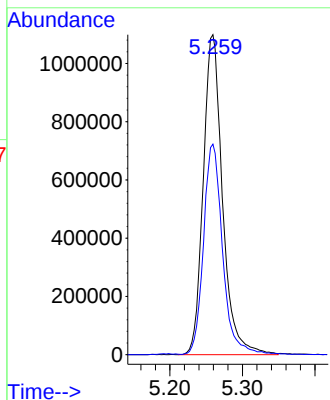
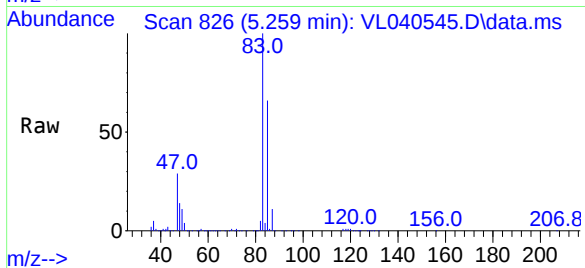
85 65.6 51.1 76.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/27/2023

Supervised By :Mahesh Dadoda 07/27/2023



#30

Cyclohexane

Concen: 10.242 ppbv

RT: 6.587 min Scan# 1239

Delta R.T. -0.023 min

Lab File: VL040545.D

Acq: 26 Jul 2023 17:05

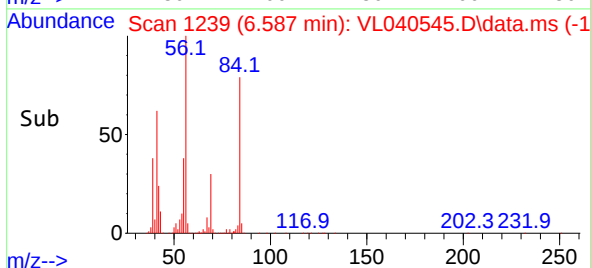
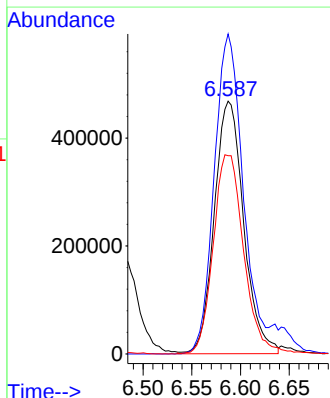
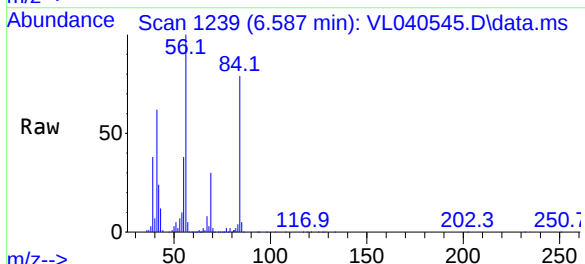
Tgt Ion: 84 Resp: 982758

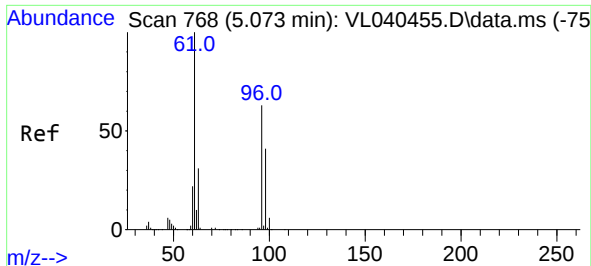
Ion Ratio Lower Upper

84 100

56 132.7 108.7 163.1

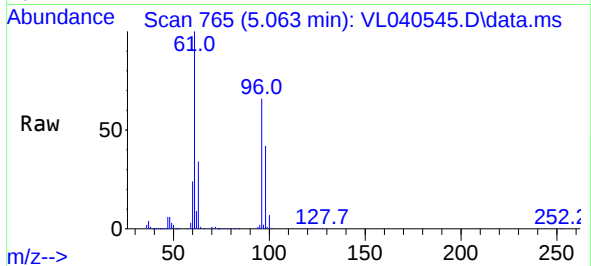
41 82.2 64.5 96.7





#31
 cis-1,2-Dichloroethene
 Concen: 10.801 ppbv
 RT: 5.063 min Scan# 70
 Delta R.T. -0.023 min
 Lab File: VL040545.D
 Acq: 26 Jul 2023 17:05

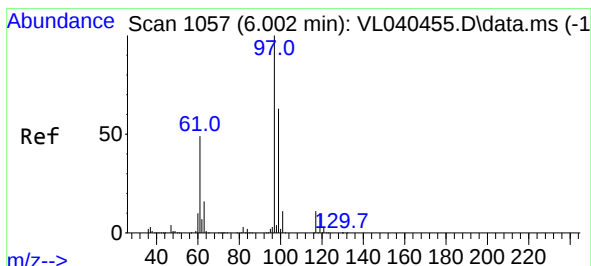
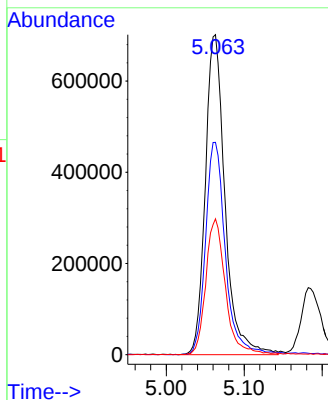
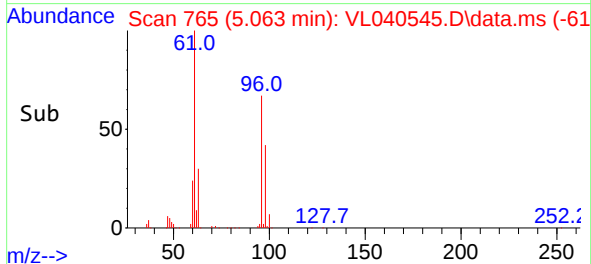
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0726ABS01



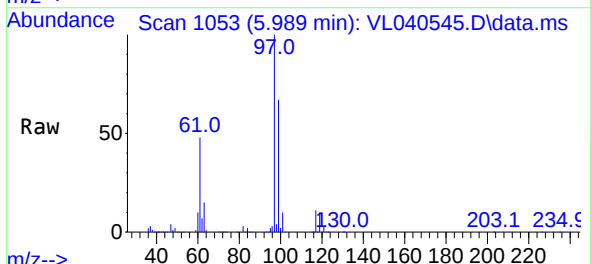
Tgt Ion: 61 Resp: 123108
 Ion Ratio Lower Upper
 61 100
 96 66.3 54.7 82.1
 98 42.4 34.6 52.0

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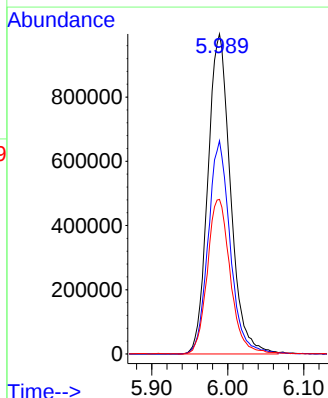
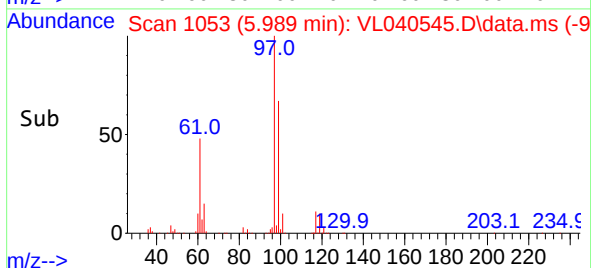
Reviewed By :Semsettin Yesilyurt 07/27/2023
 Supervised By :Mahesh Dadoda 07/27/2023

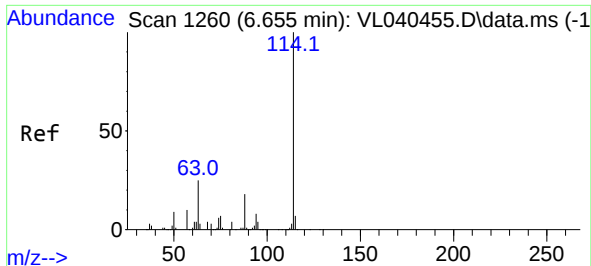


#32
 1,1,1-Trichloroethane
 Concen: 10.986 ppbv
 RT: 5.989 min Scan# 1053
 Delta R.T. -0.023 min
 Lab File: VL040545.D
 Acq: 26 Jul 2023 17:05



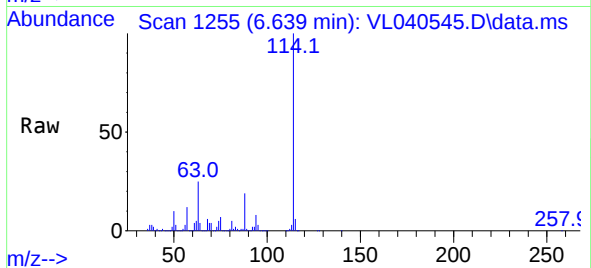
Tgt Ion: 97 Resp: 2056088
 Ion Ratio Lower Upper
 97 100
 99 65.1 52.0 78.0
 61 49.4 38.9 58.3





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.639 min Scan# 114
Delta R.T. -0.026 min
Lab File: VL040545.D
Acq: 26 Jul 2023 17:05

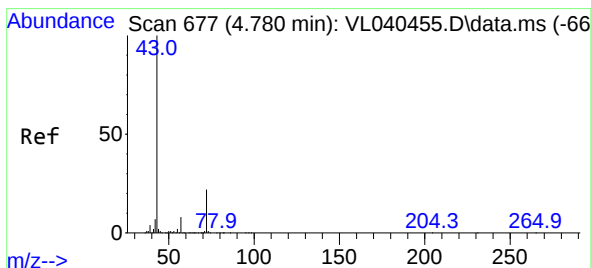
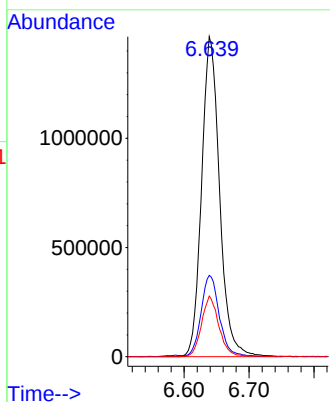
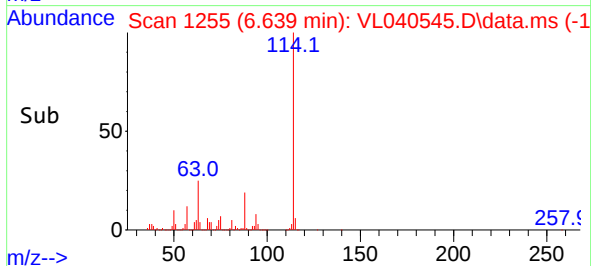
Instrument :
MSVOA_L
ClientSampleId :
VL0726ABS01



Tgt Ion:114 Resp: 2822334
Ion Ratio Lower Upper
114 100
63 26.5 19.6 29.4
88 18.3 14.2 21.2

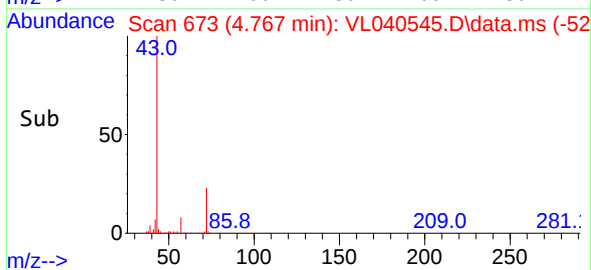
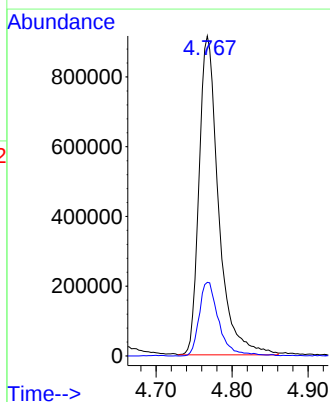
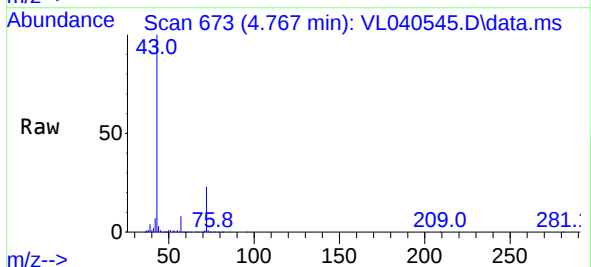
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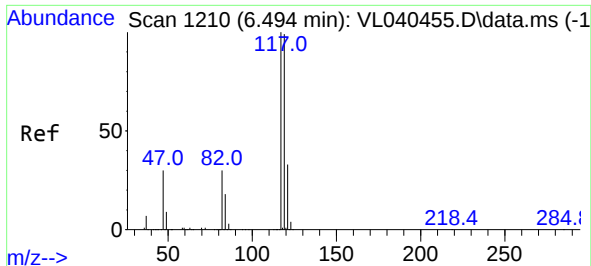
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#34
2-Butanone
Concen: 11.693 ppbv
RT: 4.767 min Scan# 673
Delta R.T. -0.026 min
Lab File: VL040545.D
Acq: 26 Jul 2023 17:05

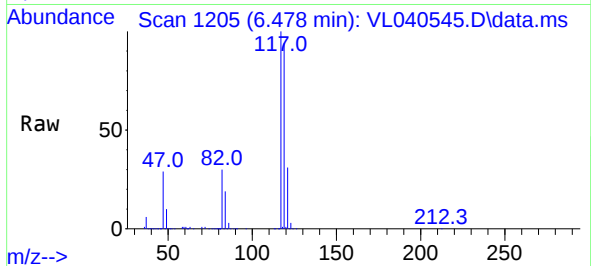
Tgt Ion: 43 Resp: 1630733
Ion Ratio Lower Upper
43 100
72 23.5 19.1 28.7





#35
Carbon Tetrachloride
Concen: 12.270 ppbv
RT: 6.478 min Scan# 1167
Delta R.T. -0.026 min
Lab File: VL040545.D
Acq: 26 Jul 2023 17:05

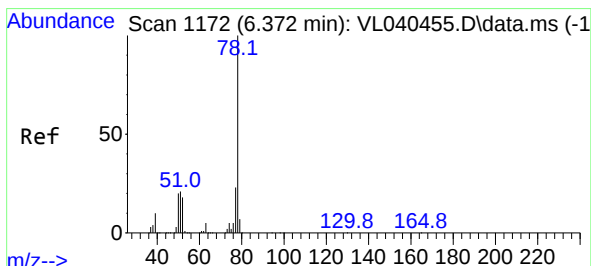
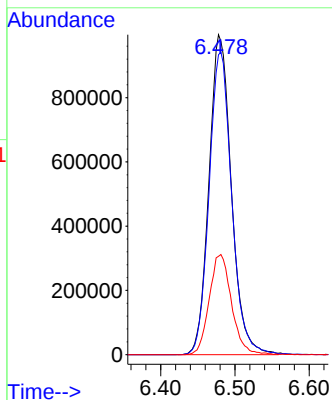
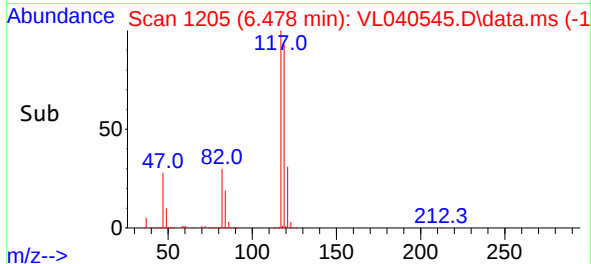
Instrument :
MSVOA_L
ClientSampleId :
VL0726ABS01



Tgt Ion: 117 Resp: 2084089
Ion Ratio Lower Upper
117 100
119 93.7 77.8 116.6
121 30.8 24.8 37.2

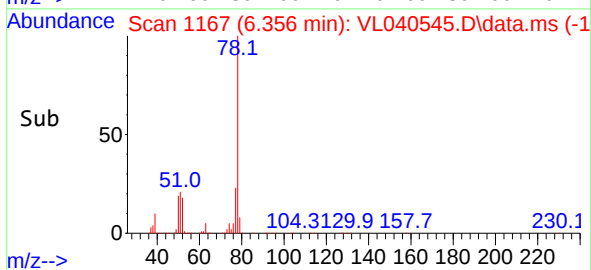
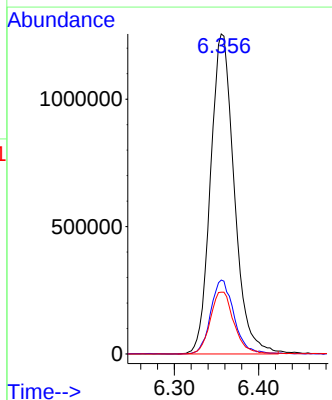
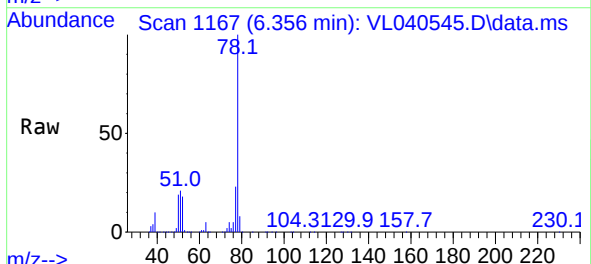
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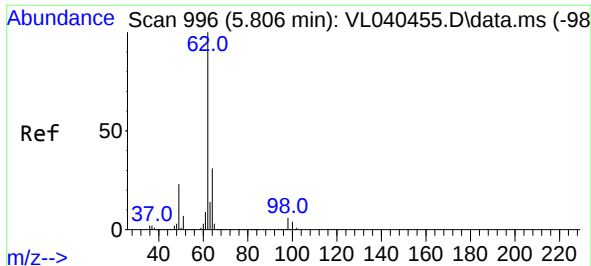
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#36
Benzene
Concen: 10.806 ppbv
RT: 6.356 min Scan# 1167
Delta R.T. -0.026 min
Lab File: VL040545.D
Acq: 26 Jul 2023 17:05

Tgt Ion: 78 Resp: 2454026
Ion Ratio Lower Upper
78 100
77 23.1 17.4 26.0
50 19.3 14.4 21.6





#37

1,2-Dichloroethane

Concen: 11.534 ppbv

RT: 5.793 min Scan# 996

Delta R.T. -0.023 min

Lab File: VL040545.D

Acq: 26 Jul 2023 17:05

Instrument :

MSVOA_L

ClientSampleId :

VL0726ABS01

Tgt Ion: 62 Resp: 154087

Ion Ratio Lower Upper

62 100

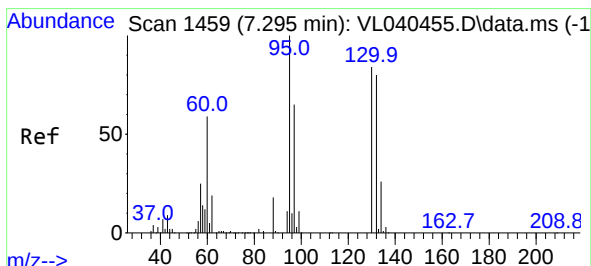
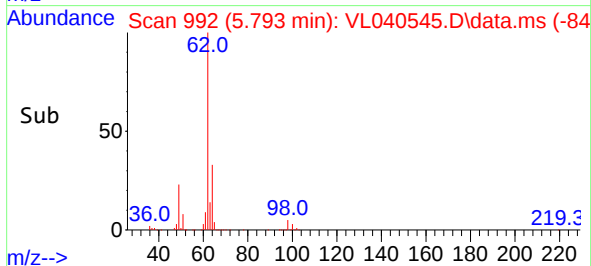
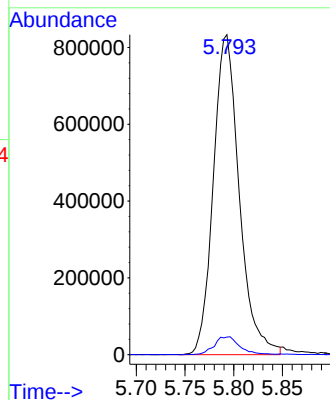
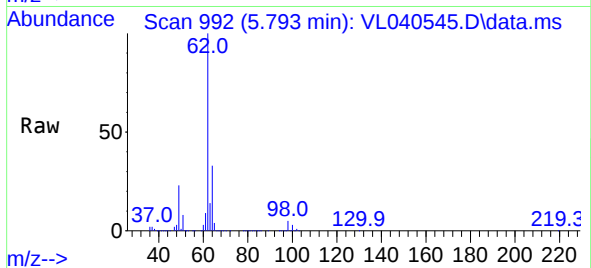
98 5.8 5.1 7.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/27/2023

Supervised By :Mahesh Dadoda 07/27/2023



#38

Trichloroethene

Concen: 11.662 ppbv

RT: 7.278 min Scan# 1454

Delta R.T. -0.026 min

Lab File: VL040545.D

Acq: 26 Jul 2023 17:05

Tgt Ion:130 Resp: 1001685

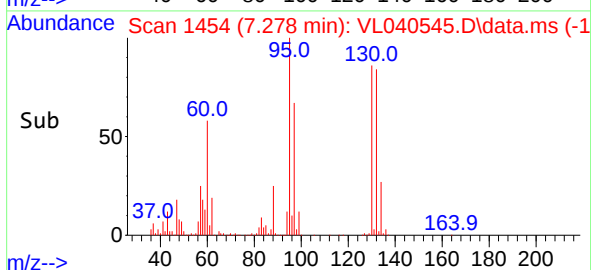
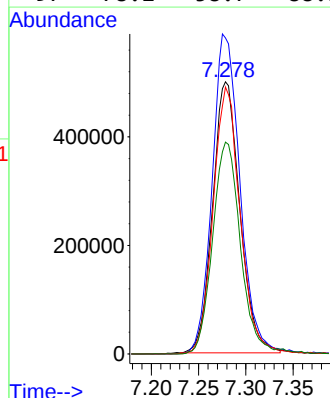
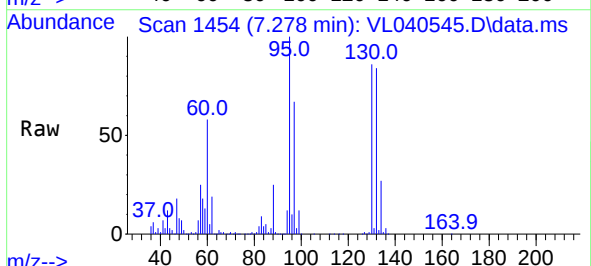
Ion Ratio Lower Upper

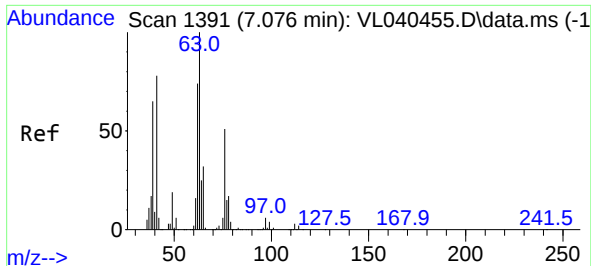
130 100

95 116.5 90.2 135.2

132 98.3 76.3 114.5

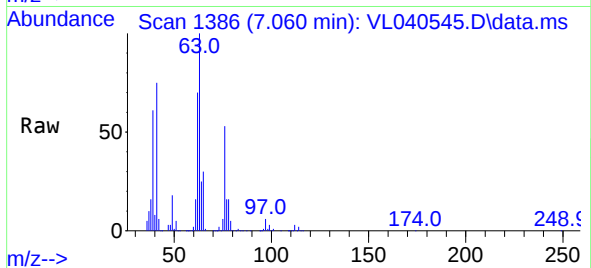
97 78.2 58.7 88.1





#39
1,2-Dichloropropane
Concen: 10.823 ppbv
RT: 7.060 min Scan# 11
Delta R.T. -0.023 min
Lab File: VL040545.D
Acq: 26 Jul 2023 17:05

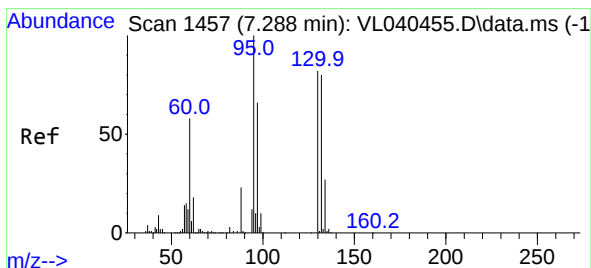
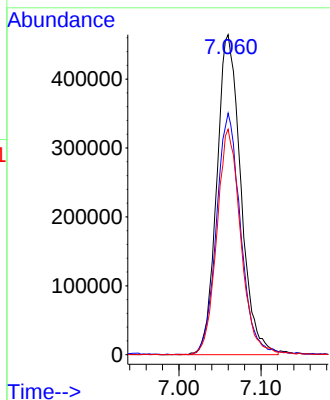
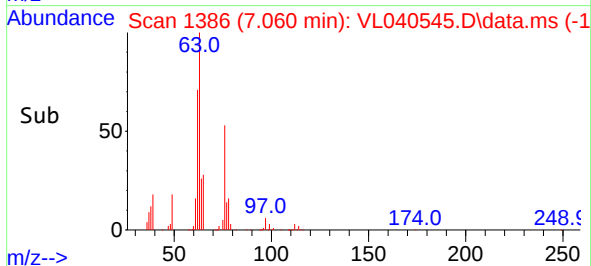
Instrument :
MSVOA_L
ClientSampleId :
VL0726ABS01



Tgt Ion: 63 Resp: 94617
Ion Ratio Lower Upper
63 100
41 75.2 54.3 81.5
62 70.4 55.6 83.4

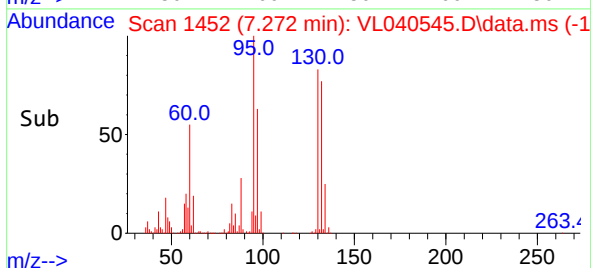
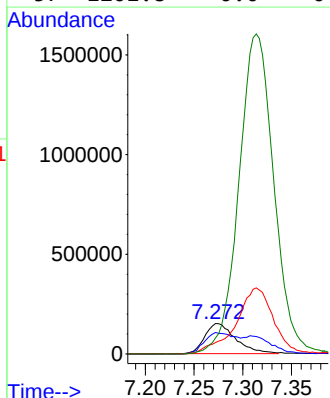
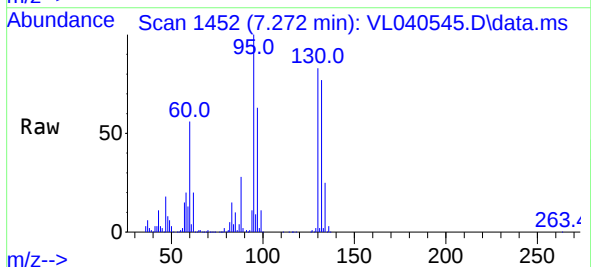
Manual Integrations
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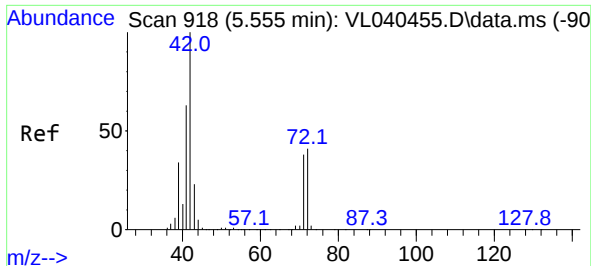
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#40
1,4-Dioxane
Concen: 12.236 ppbv
RT: 7.272 min Scan# 1452
Delta R.T. -0.026 min
Lab File: VL040545.D
Acq: 26 Jul 2023 17:05

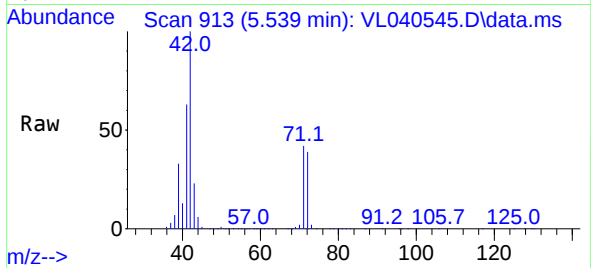
Tgt Ion: 88 Resp: 334574
Ion Ratio Lower Upper
88 100
58 127.0 58.6 88.0#
43 267.6 0.0 0.0#
57 1201.8 0.0 0.0#





#41
Tetrahydrofuran
Concen: 11.383 ppbv
RT: 5.539 min Scan# 918
Delta R.T. -0.026 min
Lab File: VL040545.D
Acq: 26 Jul 2023 17:05

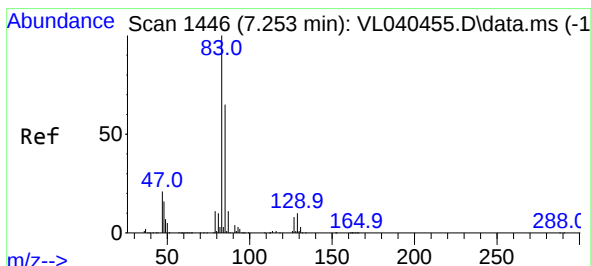
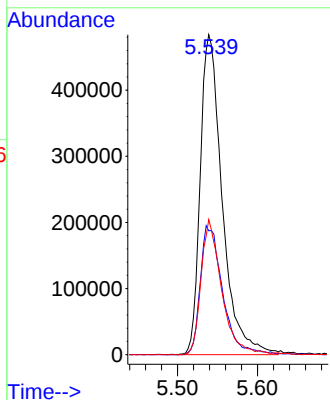
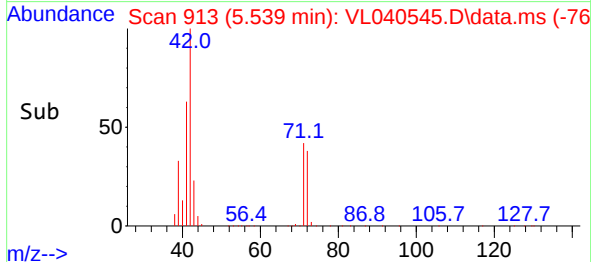
Instrument :
MSVOA_L
ClientSampleId :
VL0726ABS01



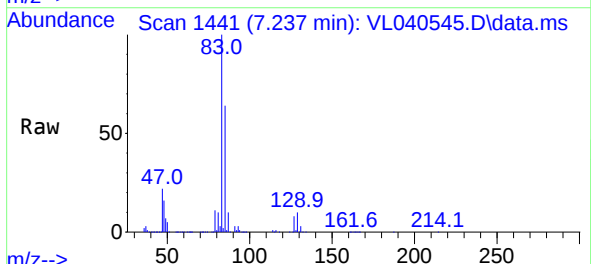
Tgt Ion: 42 Resp: 92638
Ion Ratio Lower Upper
42 100
72 41.2 33.8 50.8
71 39.9 33.0 49.6

Manual Integrations
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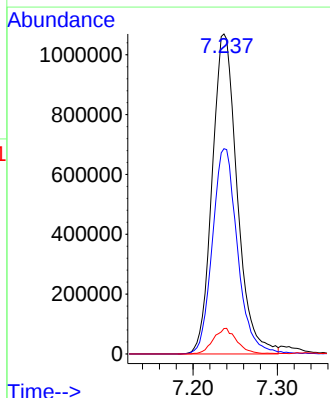
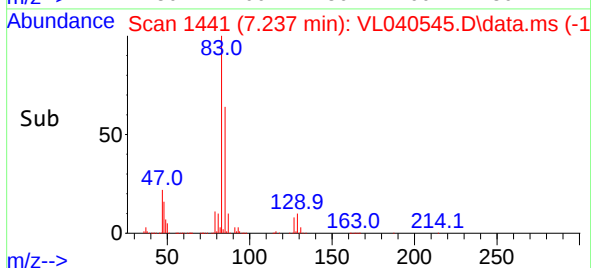
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

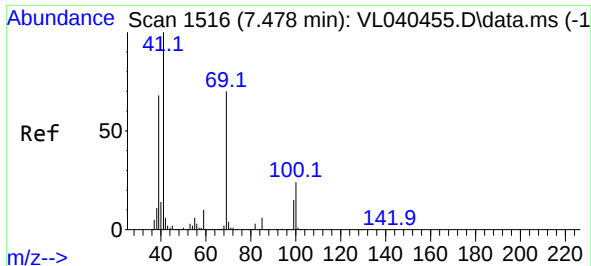


#42
Bromodichloromethane
Concen: 11.843 ppbv
RT: 7.237 min Scan# 1441
Delta R.T. -0.023 min
Lab File: VL040545.D
Acq: 26 Jul 2023 17:05



Tgt Ion: 83 Resp: 2200496
Ion Ratio Lower Upper
83 100
85 64.2 51.1 76.7
127 8.0 6.5 9.7





#43
Methyl Methacrylate
Concen: 11.879 ppbv
RT: 7.462 min Scan# 11
Delta R.T. -0.023 min
Lab File: VL040545.D
Acq: 26 Jul 2023 17:05

Instrument :

MSVOA_L

ClientSampleId :

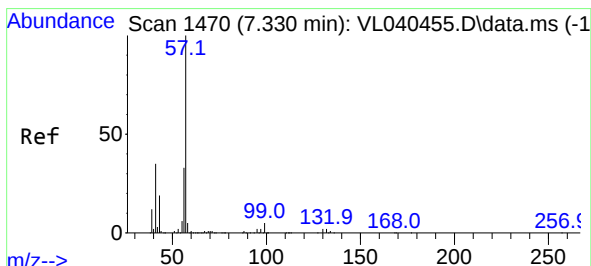
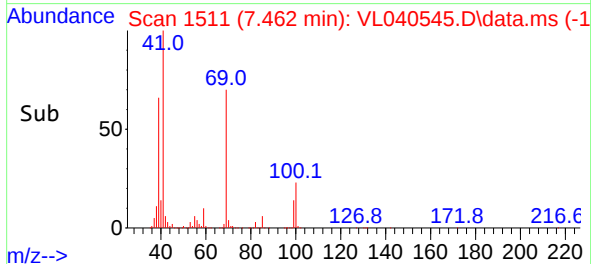
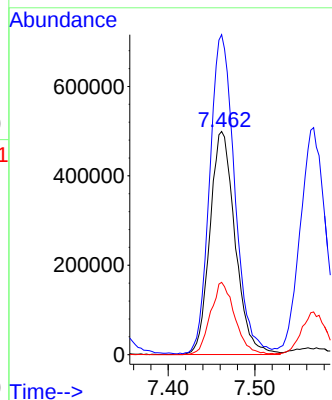
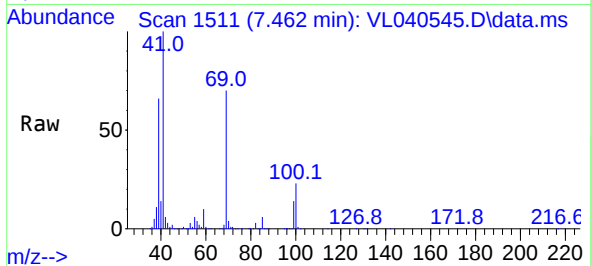
VL0726ABS01

Tgt Ion: 69 Resp: 100971
Ion Ratio Lower Upper
69 100
41 142.9 111.7 167.5
100 31.4 26.9 40.3

Manual Integrations

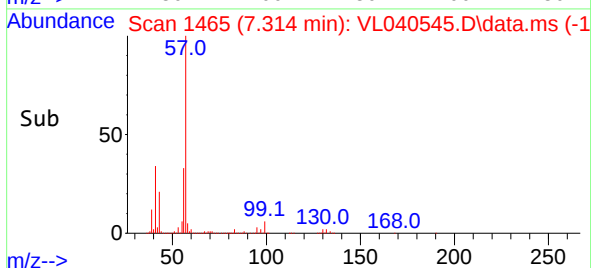
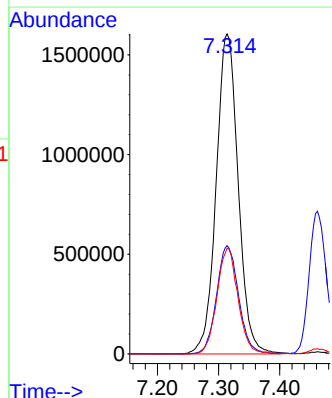
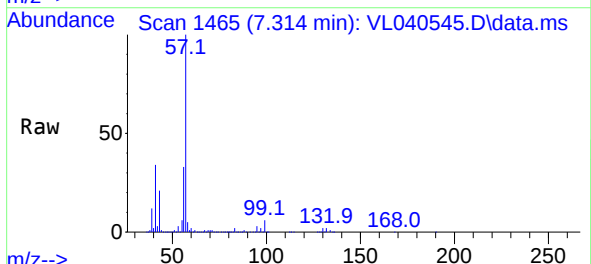
APPROVED

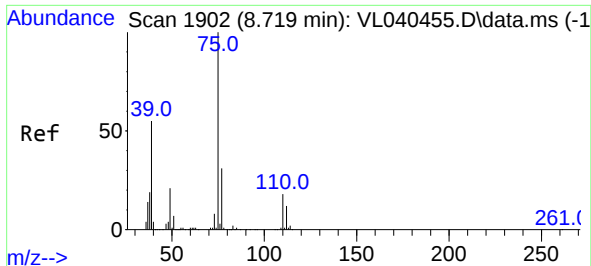
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#44
2,2,4-Trimethylpentane
Concen: 10.989 ppbv
RT: 7.314 min Scan# 1465
Delta R.T. -0.023 min
Lab File: VL040545.D
Acq: 26 Jul 2023 17:05

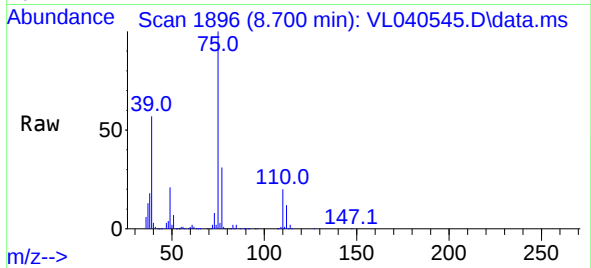
Tgt Ion: 57 Resp: 4015124
Ion Ratio Lower Upper
57 100
41 33.8 25.5 38.3
56 31.8 25.1 37.7





#45
t-1,3-Dichloropropene
Concen: 13.416 ppbv
RT: 8.700 min Scan# 1719
Delta R.T. -0.023 min
Lab File: VL040545.D
Acq: 26 Jul 2023 17:05

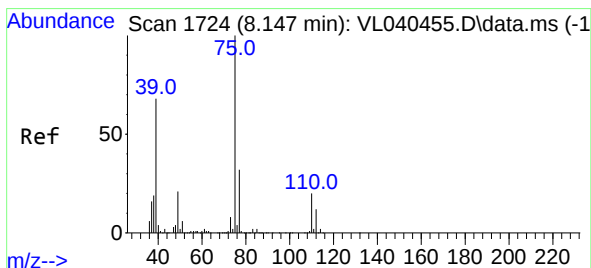
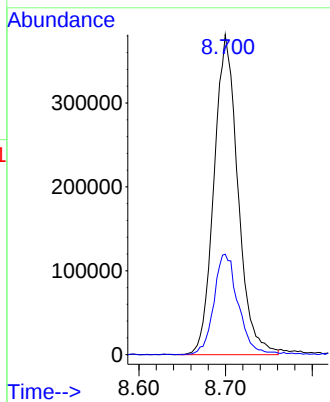
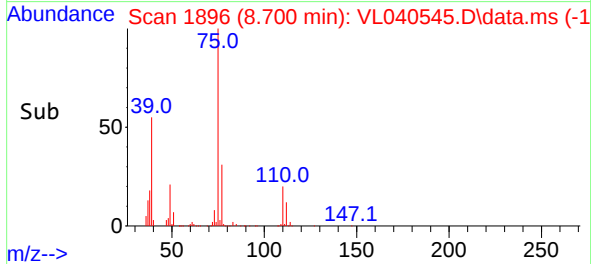
Instrument :
MSVOA_L
ClientSampleId :
VL0726ABS01



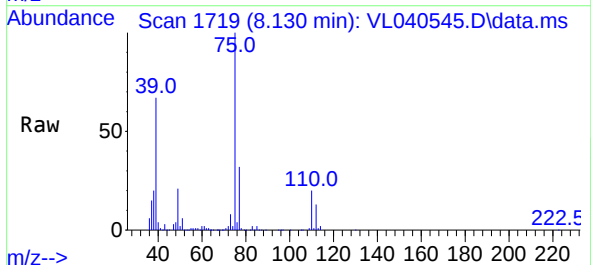
Tgt Ion: 75 Resp: 731549
Ion Ratio Lower Upper
75 100
77 31.4 26.0 39.0

Manual Integrations
APPROVED

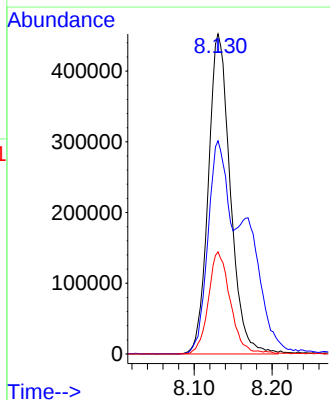
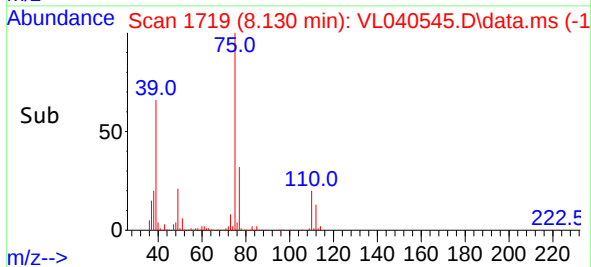
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

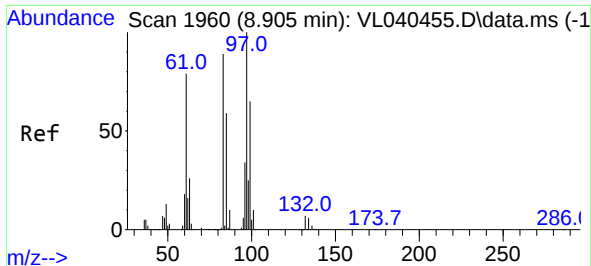


#46
cis-1,3-Dichloropropene
Concen: 12.720 ppbv
RT: 8.130 min Scan# 1719
Delta R.T. -0.023 min
Lab File: VL040545.D
Acq: 26 Jul 2023 17:05



Tgt Ion: 75 Resp: 889868
Ion Ratio Lower Upper
75 100
39 66.6 48.0 72.0
77 31.9 24.0 36.0





#47

1,1,2-Trichloroethane

Concen: 10.932 ppbv

RT: 8.886 min Scan# 1954

Delta R.T. -0.023 min

Lab File: VL040545.D

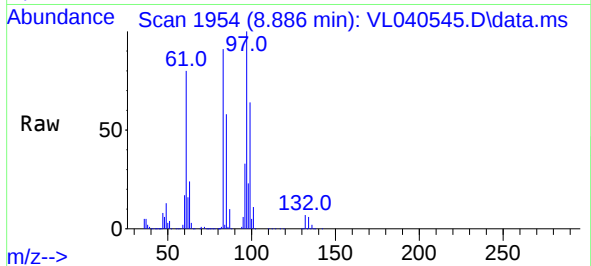
Acq: 26 Jul 2023 17:05

Instrument :

MSVOA_L

ClientSampleId :

VL0726ABS01



Tgt Ion: 97 Resp: 105445

Ion Ratio Lower Upper

97 100

83 90.8 73.4 110.0

85 58.4 46.6 70.0

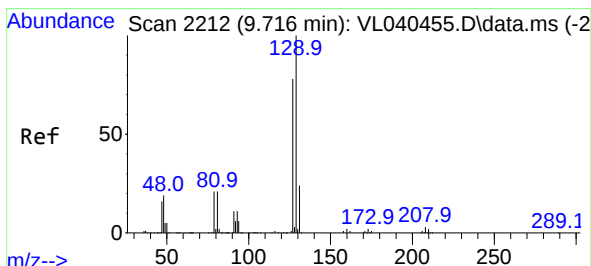
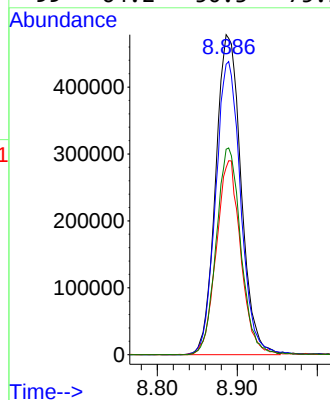
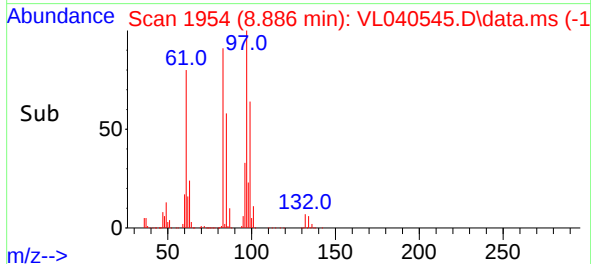
99 64.2 50.3 75.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/27/2023

Supervised By :Mahesh Dadoda 07/27/2023



#48

Dibromochloromethane

Concen: 12.082 ppbv

RT: 9.700 min Scan# 2207

Delta R.T. -0.023 min

Lab File: VL040545.D

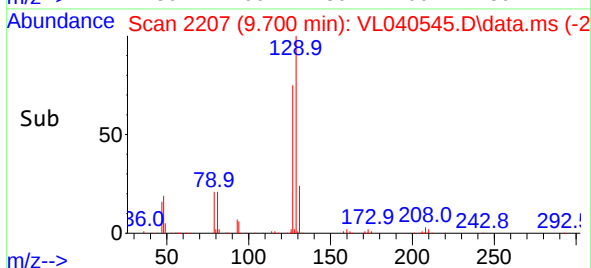
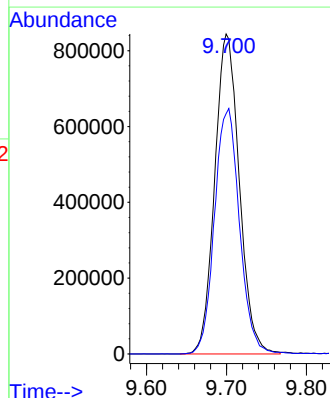
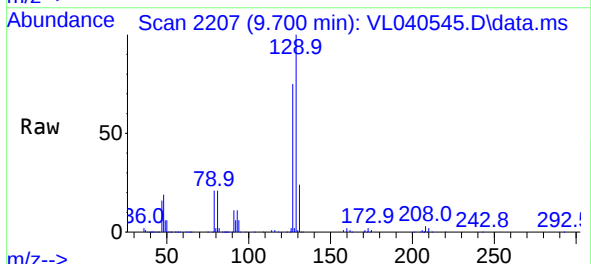
Acq: 26 Jul 2023 17:05

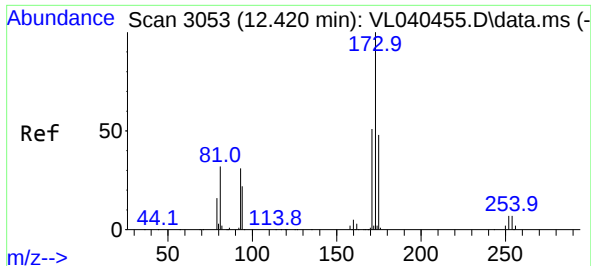
Tgt Ion:129 Resp: 1801779

Ion Ratio Lower Upper

129 100

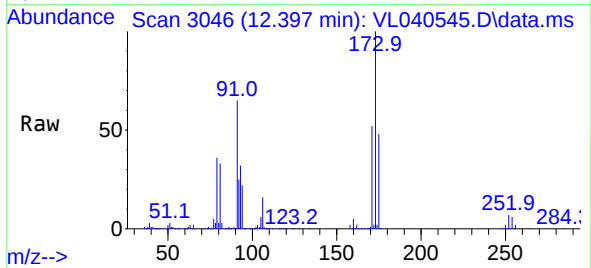
127 78.3 39.1 117.3





#49
Bromoform
Concen: 12.644 ppbv
RT: 12.397 min Scan# 3053
Delta R.T. -0.026 min
Lab File: VL040545.D
Acq: 26 Jul 2023 17:05

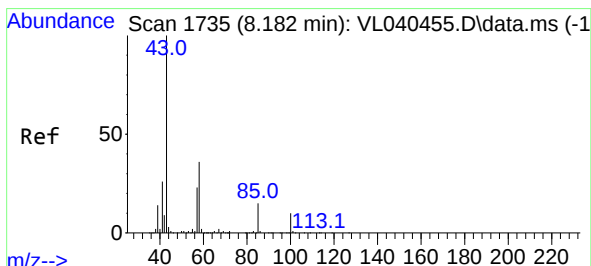
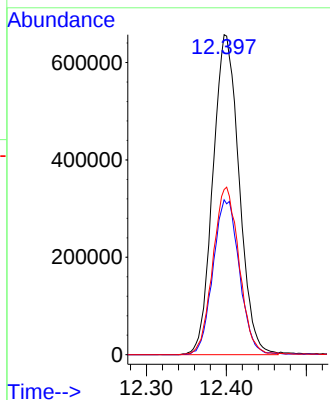
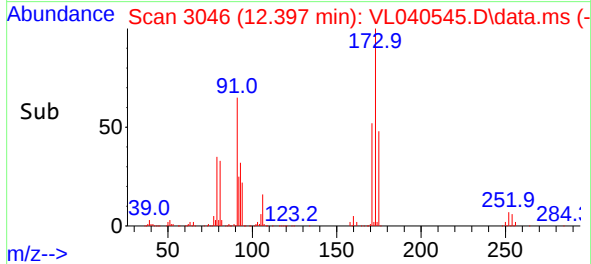
Instrument :
MSVOA_L
ClientSampleId :
VL0726ABS01



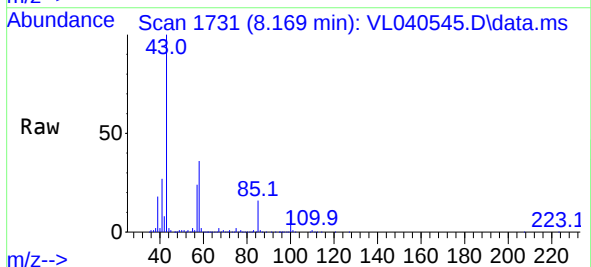
Tgt Ion:173 Resp: 1494814
Ion Ratio Lower Upper
173 100
175 49.0 39.5 59.3
171 52.5 42.2 63.4

Manual Integrations
APPROVED

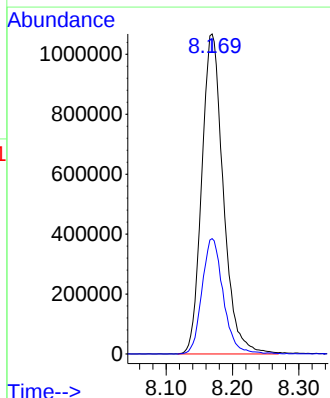
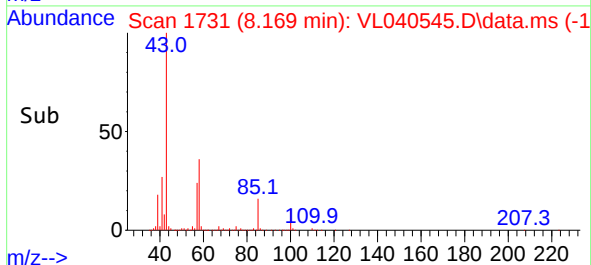
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

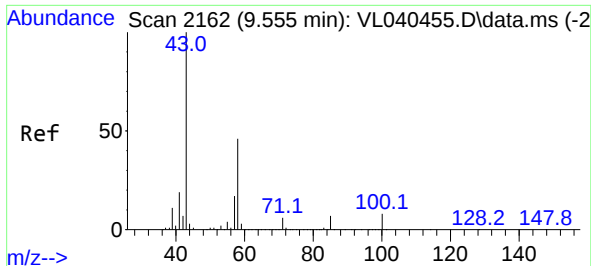


#50
4-Methyl-2-Pentanone
Concen: 11.898 ppbv
RT: 8.169 min Scan# 1731
Delta R.T. -0.023 min
Lab File: VL040545.D
Acq: 26 Jul 2023 17:05



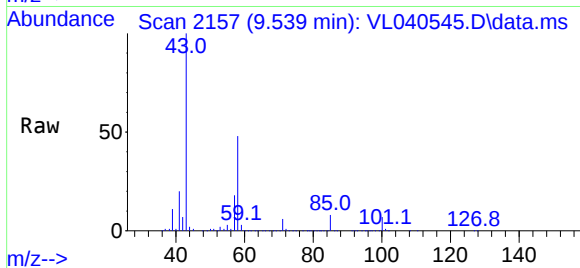
Tgt Ion: 43 Resp: 2410820
Ion Ratio Lower Upper
43 100
58 35.7 30.2 45.2





#51
2-Hexanone
Concen: 12.311 ppbv
RT: 9.539 min Scan# 2162
Delta R.T. -0.022 min
Lab File: VL040545.D
Acq: 26 Jul 2023 17:05

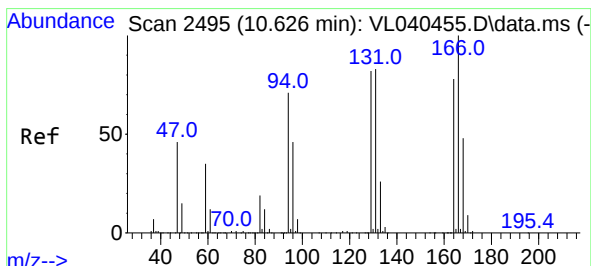
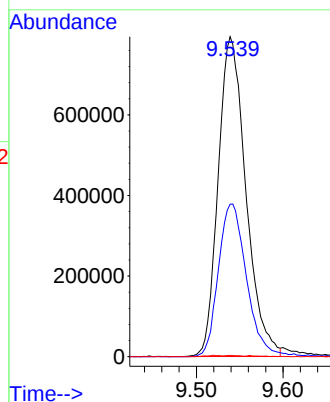
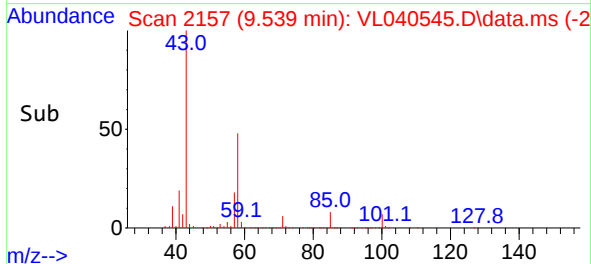
Instrument :
MSVOA_L
ClientSampleId :
VL0726ABS01



Tgt Ion: 43 Resp: 1764108
Ion Ratio Lower Upper
43 100
58 49.0 39.7 59.5
98 0.6 0.3 0.5

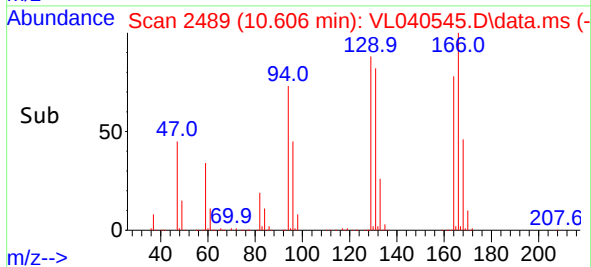
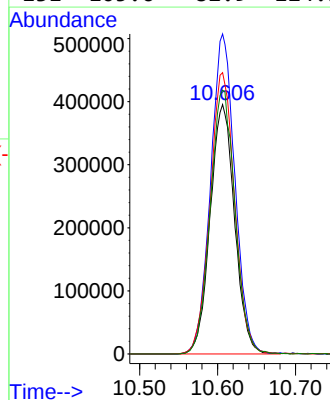
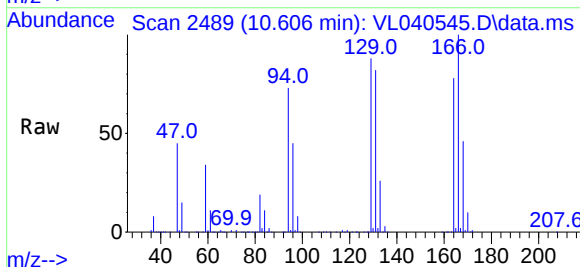
Manual Integrations
APPROVED

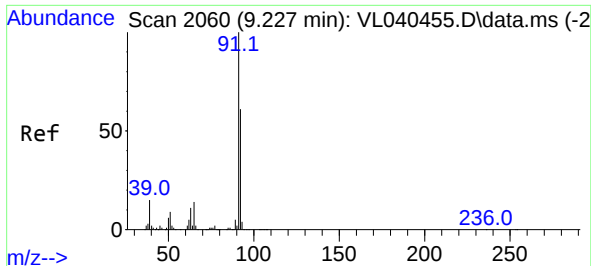
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#52
Tetrachloroethene
Concen: 11.691 ppbv
RT: 10.606 min Scan# 2489
Delta R.T. -0.019 min
Lab File: VL040545.D
Acq: 26 Jul 2023 17:05

Tgt Ion:164 Resp: 859762
Ion Ratio Lower Upper
164 100
166 128.1 103.9 155.9
129 112.6 84.6 126.8
131 105.6 82.9 124.3





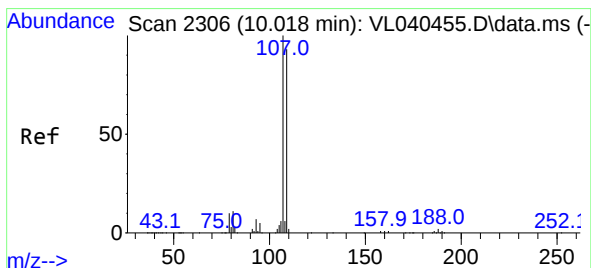
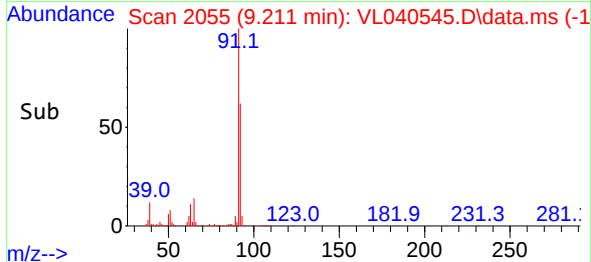
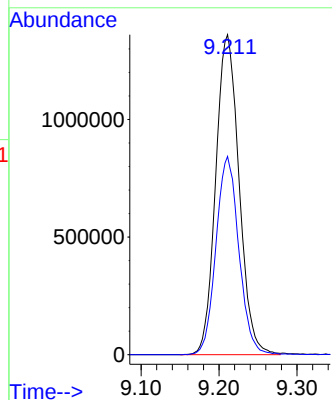
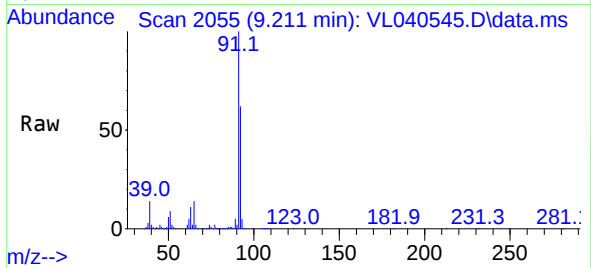
#53
Toluene
Concen: 11.494 ppbv
RT: 9.211 min Scan# 2060
Delta R.T. -0.019 min
Lab File: VL040545.D
Acq: 26 Jul 2023 17:05

Instrument :
MSVOA_L
ClientSampleId :
VL0726ABS01

Tgt Ion: 91 Resp: 283517
Ion Ratio Lower Upper
91 100
92 60.8 49.1 73.7

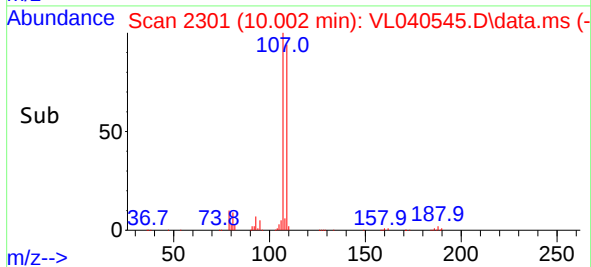
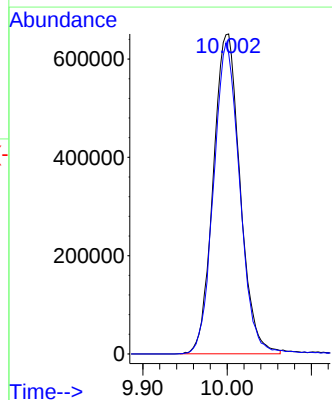
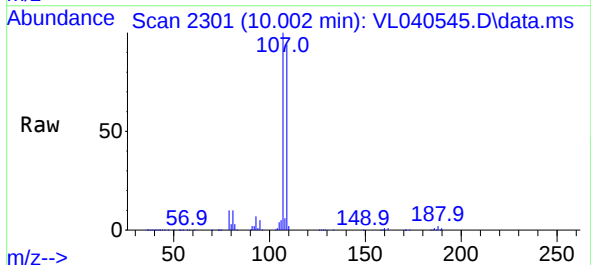
Manual Integrations
APPROVED

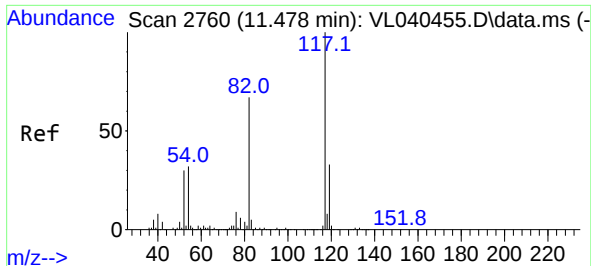
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#54
1,2-Dibromoethane
Concen: 11.994 ppbv
RT: 10.002 min Scan# 2301
Delta R.T. -0.019 min
Lab File: VL040545.D
Acq: 26 Jul 2023 17:05

Tgt Ion:107 Resp: 1437941
Ion Ratio Lower Upper
107 100
109 93.9 75.4 113.2





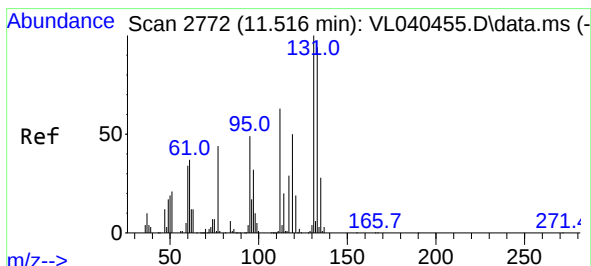
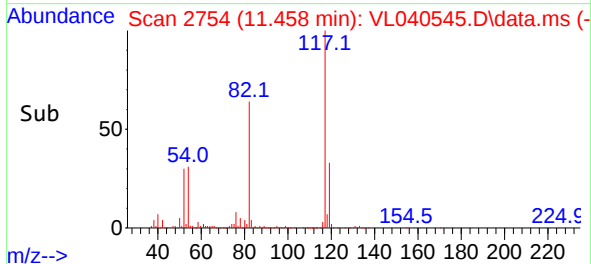
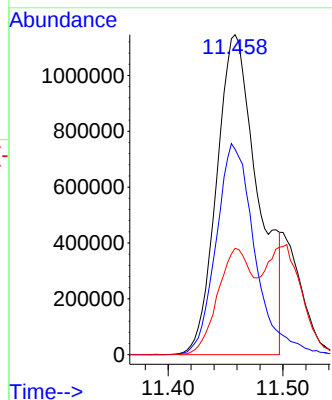
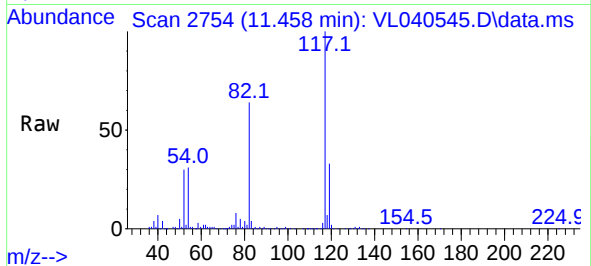
#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.458 min Scan# 21
Delta R.T. -0.019 min
Lab File: VL040545.D
Acq: 26 Jul 2023 17:05

Instrument :
MSVOA_L
ClientSampleId :
VL0726ABS01

Tgt Ion:117 Resp: 287658
Ion Ratio Lower Upper
117 100
82 62.0 50.2 75.4
119 26.2 26.9 40.3

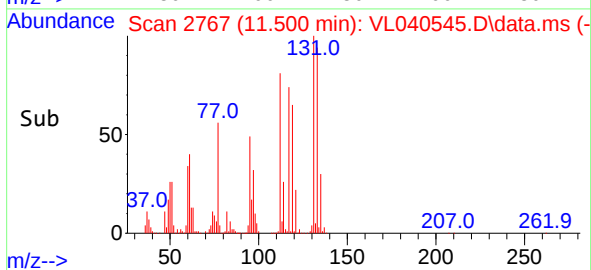
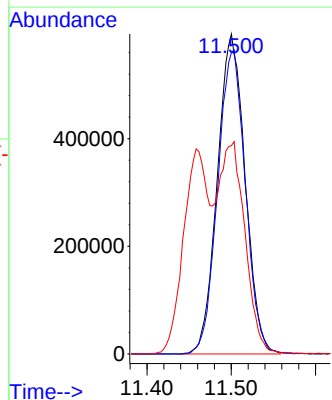
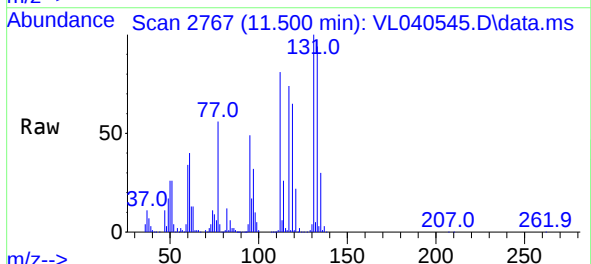
Manual Integrations
APPROVED

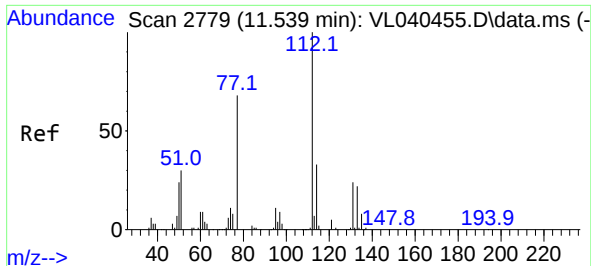
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#56
1,1,1,2-Tetrachloroethane
Concen: 10.528 ppbv
RT: 11.500 min Scan# 2767
Delta R.T. -0.019 min
Lab File: VL040545.D
Acq: 26 Jul 2023 17:05

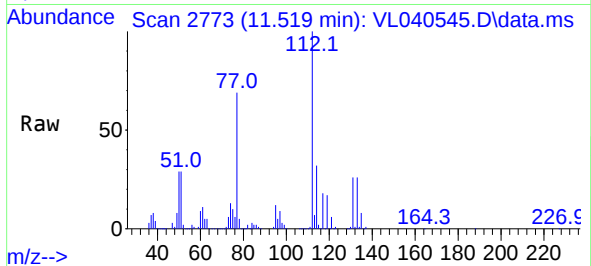
Tgt Ion:131 Resp: 1356325
Ion Ratio Lower Upper
131 100
133 95.1 76.3 114.5
119 68.7 51.1 76.7





#57
Chlorobenzene
Concen: 9.960 ppbv
RT: 11.519 min Scan# 2111
Delta R.T. -0.016 min
Lab File: VL040545.D
Acq: 26 Jul 2023 17:05

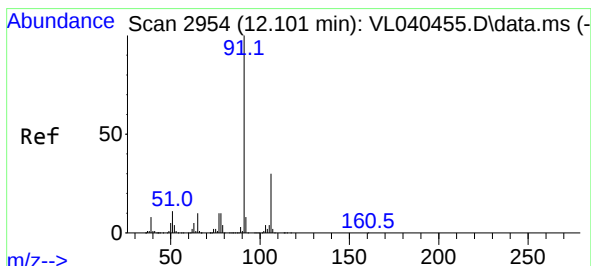
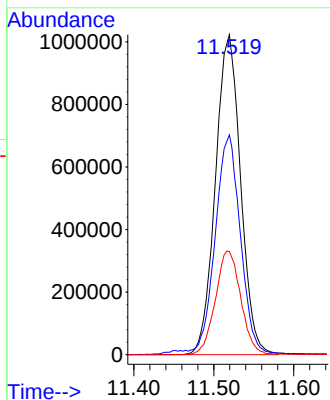
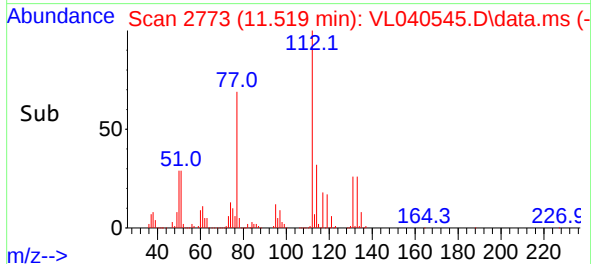
Instrument :
MSVOA_L
ClientSampleId :
VL0726ABS01



Tgt Ion: 112 Resp: 2234458
Ion Ratio Lower Upper
112 100
77 68.2 51.0 76.6
114 32.2 28.3 34.5

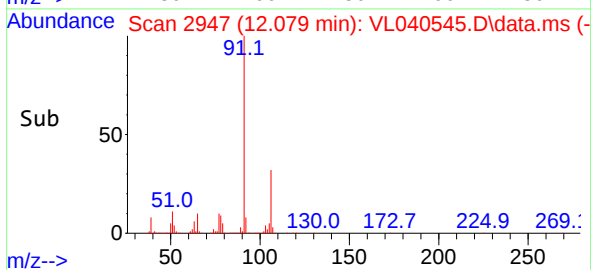
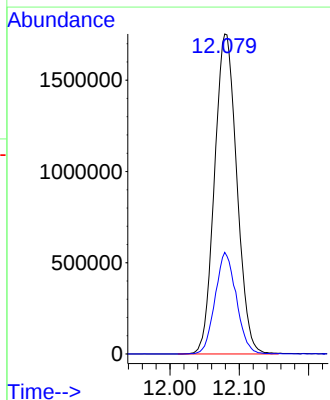
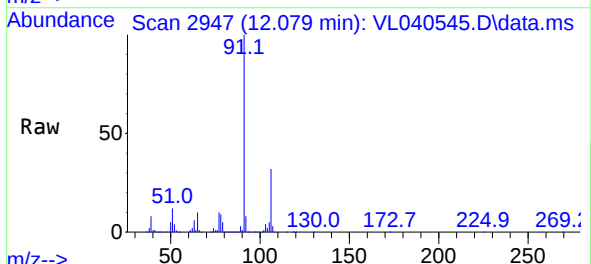
Manual Integrations
APPROVED

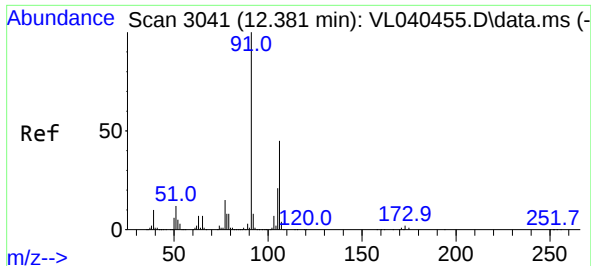
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#58
Ethyl Benzene
Concen: 10.854 ppbv
RT: 12.079 min Scan# 2947
Delta R.T. -0.023 min
Lab File: VL040545.D
Acq: 26 Jul 2023 17:05

Tgt Ion: 91 Resp: 3918221
Ion Ratio Lower Upper
91 100
106 31.7 25.4 38.0





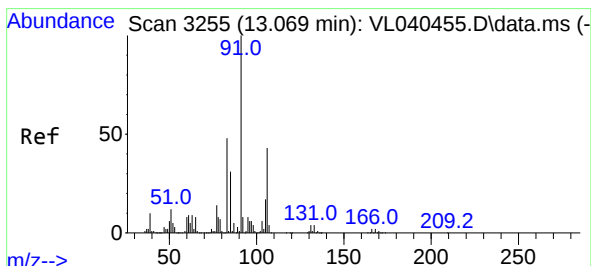
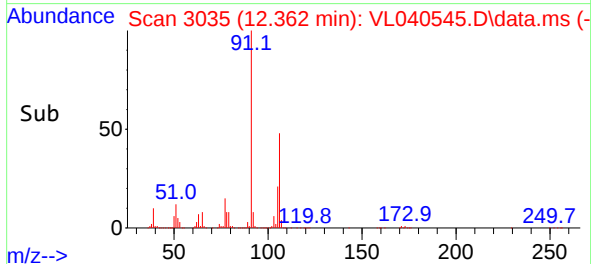
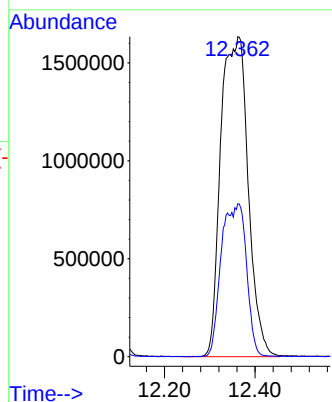
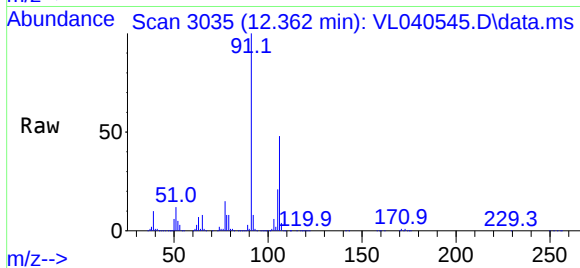
#59
m/p-Xylene
Concen: 21.260 ppbv m
RT: 12.362 min Scan# 3041
Delta R.T. -0.023 min
Lab File: VL040545.D
Acq: 26 Jul 2023 17:05

Instrument :
MSVOA_L
ClientSampleId :
VL0726ABS01

Tgt Ion: 91 Resp: 6849834
Ion Ratio Lower Upper
91 100
106 44.1 35.9 53.9

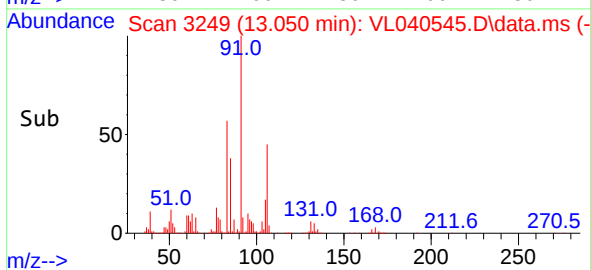
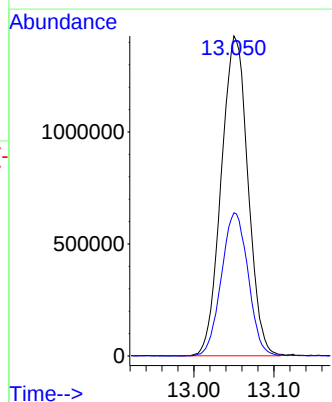
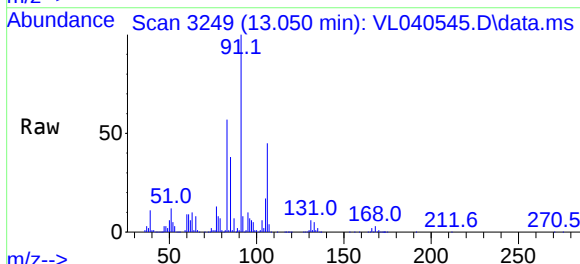
Manual Integrations
APPROVED

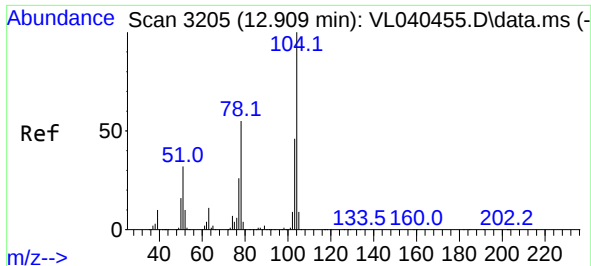
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#60
o-Xylene
Concen: 10.769 ppbv
RT: 13.050 min Scan# 3249
Delta R.T. -0.019 min
Lab File: VL040545.D
Acq: 26 Jul 2023 17:05

Tgt Ion: 91 Resp: 3305341
Ion Ratio Lower Upper
91 100
106 45.0 22.7 68.0





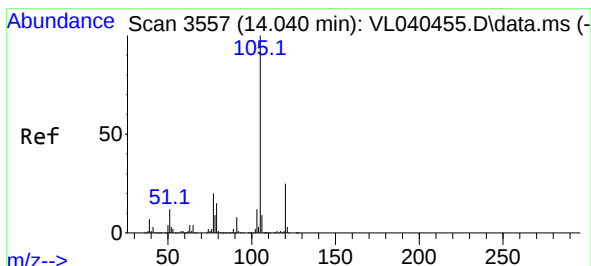
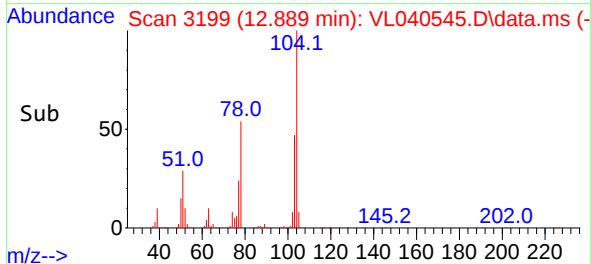
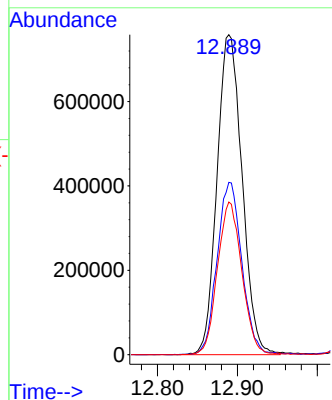
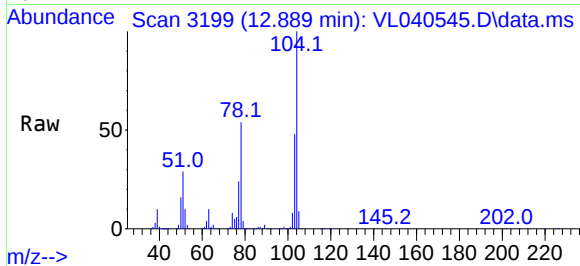
#61
Styrene
Concen: 11.664 ppbv
RT: 12.889 min Scan# 3199
Delta R.T. -0.023 min
Lab File: VL040545.D
Acq: 26 Jul 2023 17:05

Instrument :
MSVOA_L
ClientSampleId :
VL0726ABS01

Tgt Ion:104 Resp: 1651478
Ion Ratio Lower Upper
104 100
78 53.3 40.1 60.1
103 46.7 37.0 55.4

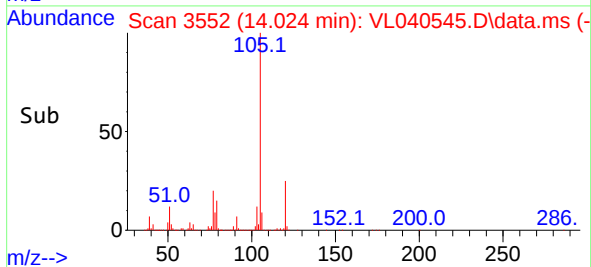
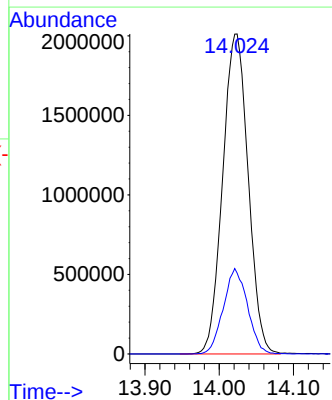
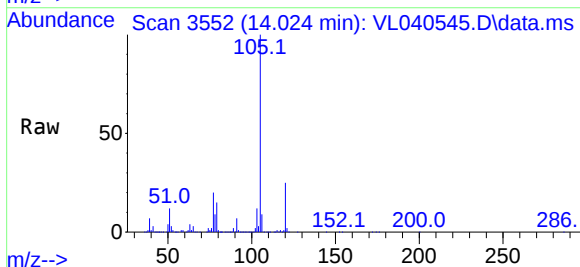
Manual Integrations
APPROVED

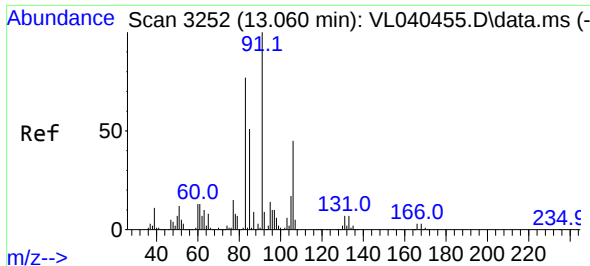
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#62
Isopropylbenzene
Concen: 10.415 ppbv
RT: 14.024 min Scan# 3552
Delta R.T. -0.016 min
Lab File: VL040545.D
Acq: 26 Jul 2023 17:05

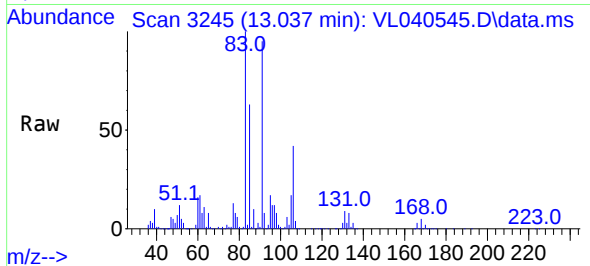
Tgt Ion:105 Resp: 4791294
Ion Ratio Lower Upper
105 100
120 25.4 20.8 31.2





#63
1,1,2,2-Tetrachloroethane
Concen: 10.836 ppbv
RT: 13.037 min Scan# 31
Delta R.T. -0.023 min
Lab File: VL040545.D
Acq: 26 Jul 2023 17:05

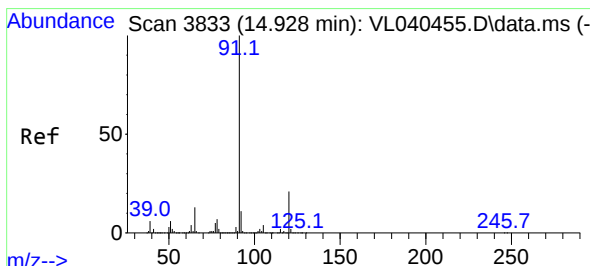
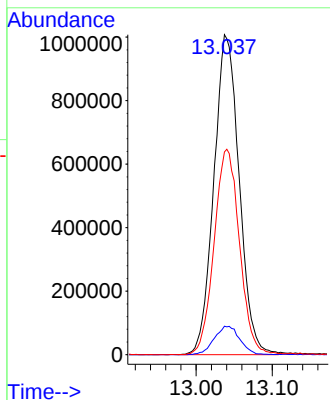
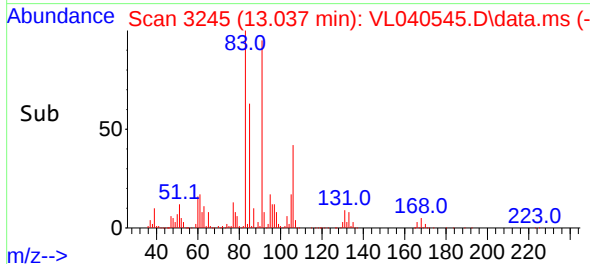
Instrument :
MSVOA_L
ClientSampleId :
VL0726ABS01



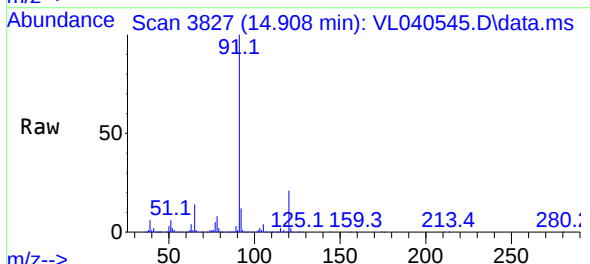
Tgt Ion: 83 Resp: 2329149
Ion Ratio Lower Upper
83 100
131 9.1 4.6 13.8
85 64.4 32.8 98.3

Manual Integrations
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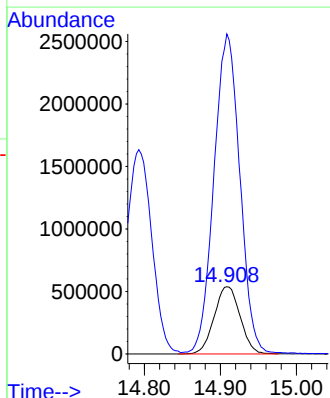
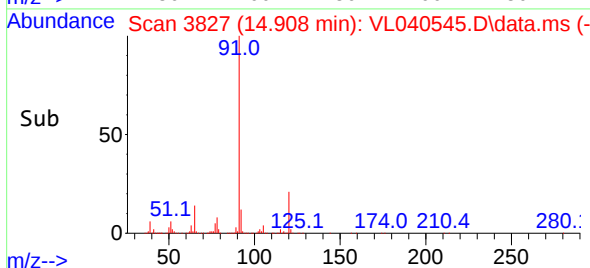
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

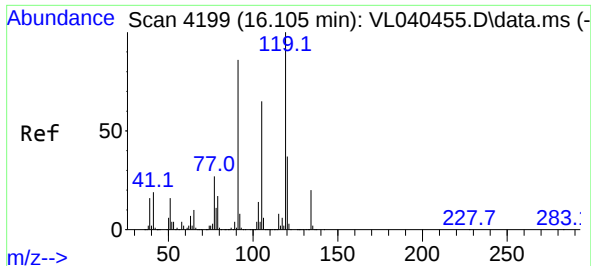


#64
n-propylbenzene
Concen: 10.717 ppbv
RT: 14.908 min Scan# 3827
Delta R.T. -0.023 min
Lab File: VL040545.D
Acq: 26 Jul 2023 17:05



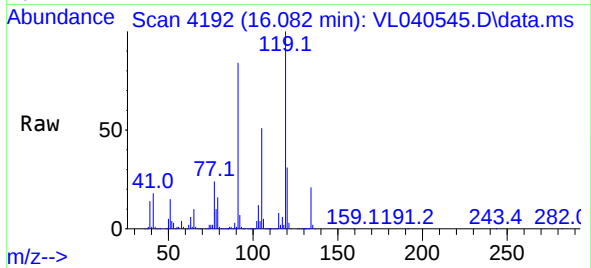
Tgt Ion:120 Resp: 1275555
Ion Ratio Lower Upper
120 100
91 477.3 374.3 561.5





#65
tert-Butylbenzene
Concen: 10.571 ppbv
RT: 16.082 min Scan# 4199
Delta R.T. -0.019 min
Lab File: VL040545.D
Acq: 26 Jul 2023 17:05

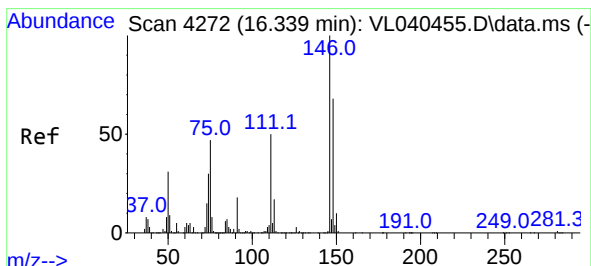
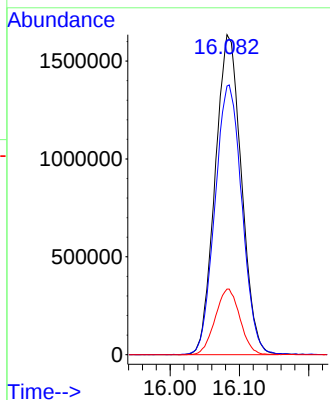
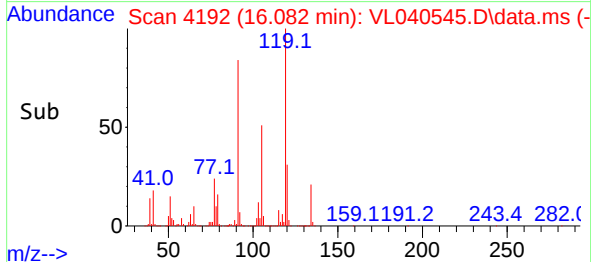
Instrument :
MSVOA_L
ClientSampleId :
VL0726ABS01



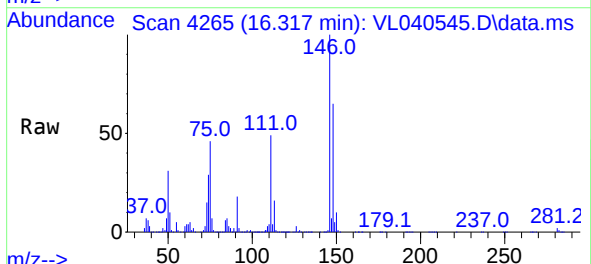
Tgt Ion:119 Resp: 430513
Ion Ratio Lower Upper
119 100
91 86.8 66.1 99.1
134 19.4 15.7 23.5

Manual Integrations
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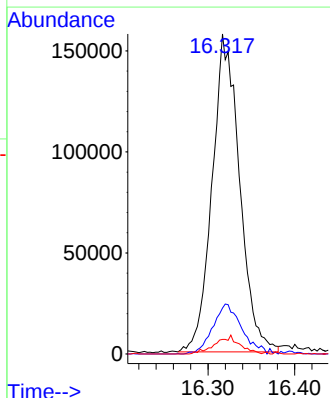
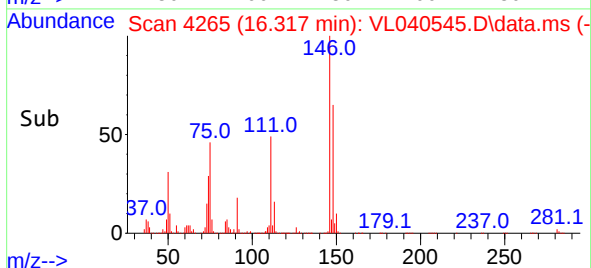
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

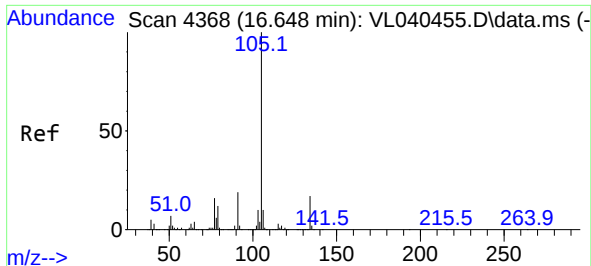


#66
Benzyl Chloride
Concen: 12.022 ppbv
RT: 16.317 min Scan# 4265
Delta R.T. -0.019 min
Lab File: VL040545.D
Acq: 26 Jul 2023 17:05



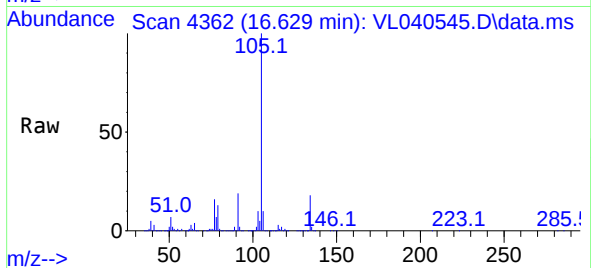
Tgt Ion: 91 Resp: 346365
Ion Ratio Lower Upper
91 100
126 16.7 15.4 23.2
128 5.4 4.5 6.7





#67
 sec-Butylbenzene
 Concen: 10.471 ppbv
 RT: 16.629 min Scan# 41
 Delta R.T. -0.019 min
 Lab File: VL040545.D
 Acq: 26 Jul 2023 17:05

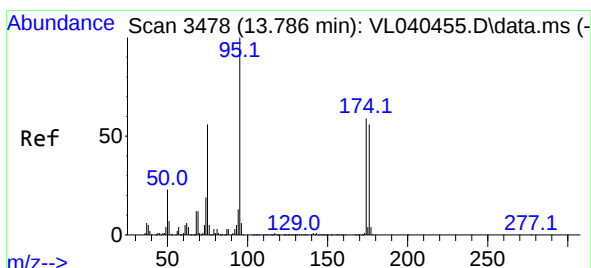
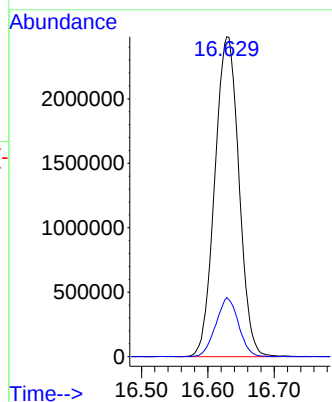
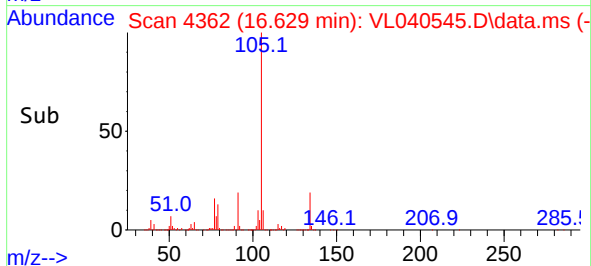
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0726ABS01



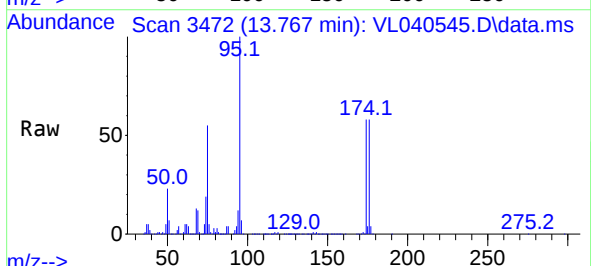
Tgt Ion:105 Resp: 626622
 Ion Ratio Lower Upper
 105 100
 134 17.4 14.4 21.6

Manual Integrations
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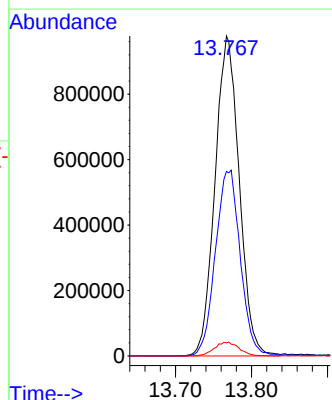
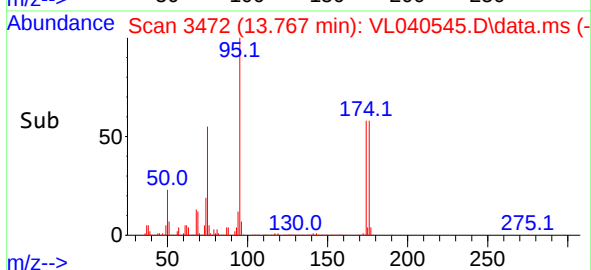
Reviewed By :Semsettin Yesilyurt 07/27/2023
 Supervised By :Mahesh Dadoda 07/27/2023

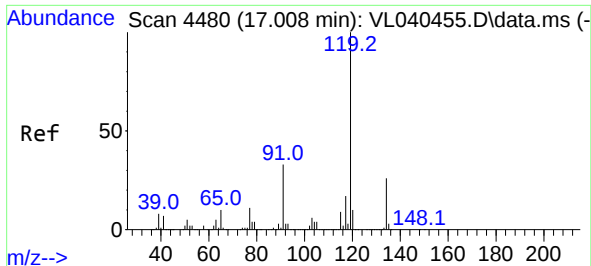


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.497 ppbv
 RT: 13.767 min Scan# 3472
 Delta R.T. -0.016 min
 Lab File: VL040545.D
 Acq: 26 Jul 2023 17:05



Tgt Ion: 95 Resp: 2162080
 Ion Ratio Lower Upper
 95 100
 174 60.1 50.6 75.8
 175 4.5 3.7 5.5





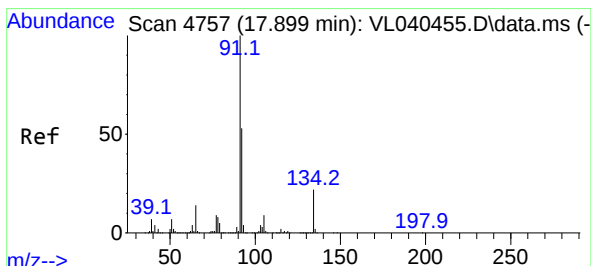
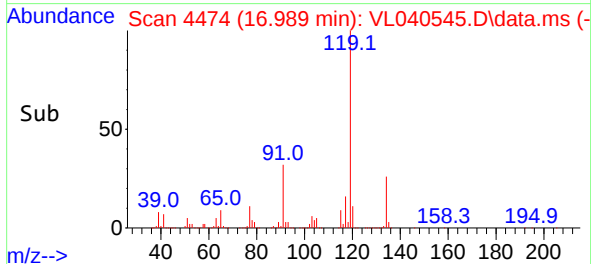
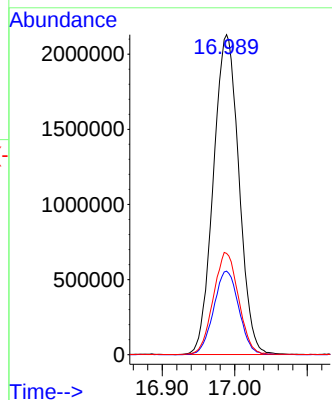
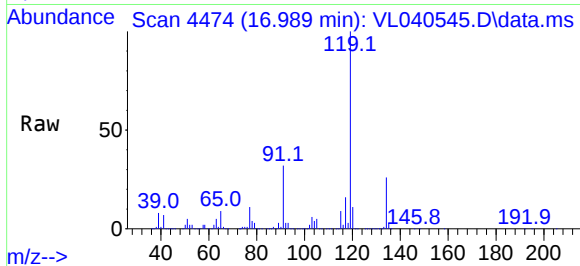
#69
p-Isopropyltoluene
Concen: 10.522 ppbv
RT: 16.989 min Scan# 4480
Delta R.T. -0.016 min
Lab File: VL040545.D
Acq: 26 Jul 2023 17:05

Instrument :
MSVOA_L
ClientSampleId :
VL0726ABS01

Tgt Ion:119 Resp: 5203518
Ion Ratio Lower Upper
119 100
134 25.9 20.5 30.7
91 31.6 23.8 35.8

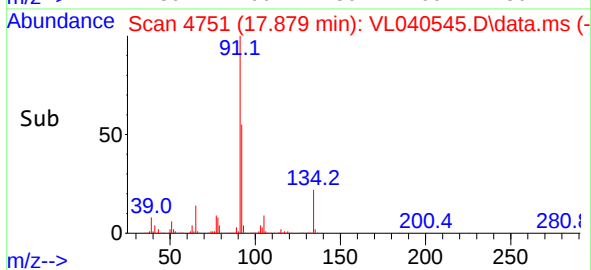
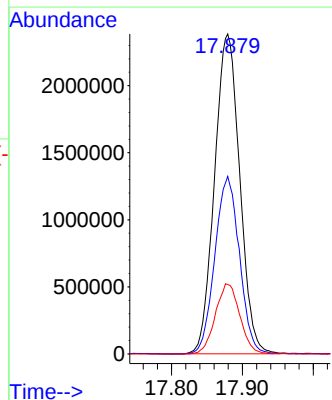
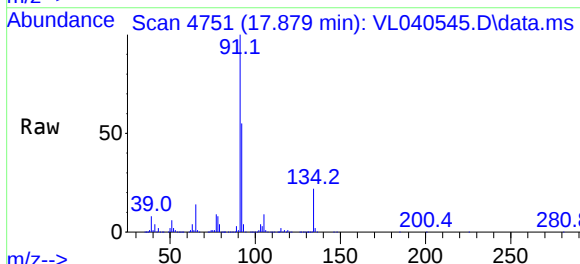
Manual Integrations
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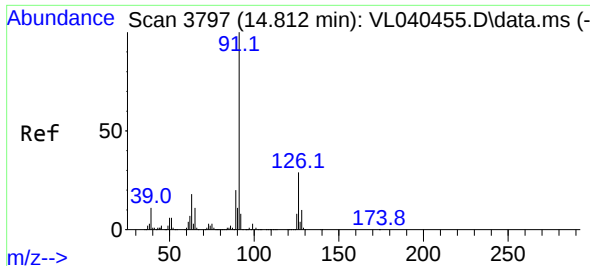
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#70
n-Butylbenzene
Concen: 10.682 ppbv
RT: 17.879 min Scan# 4751
Delta R.T. -0.016 min
Lab File: VL040545.D
Acq: 26 Jul 2023 17:05

Tgt Ion: 91 Resp: 5890850
Ion Ratio Lower Upper
91 100
92 54.2 43.4 65.0
134 21.3 18.1 27.1





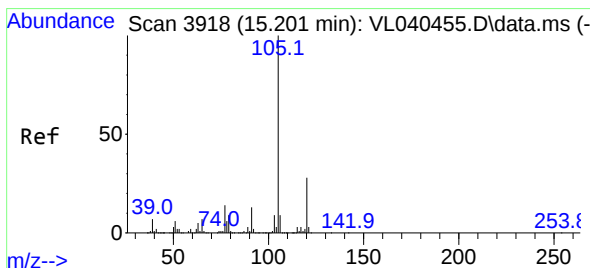
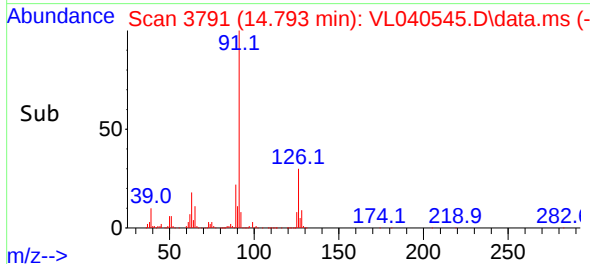
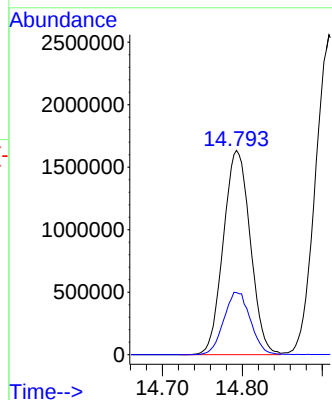
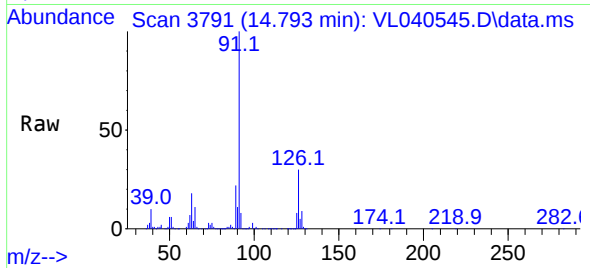
#71
2-Chlorotoluene
Concen: 10.795 ppbv
RT: 14.793 min Scan# 31
Delta R.T. -0.019 min
Lab File: VL040545.D
Acq: 26 Jul 2023 17:05

Instrument :
MSVOA_L
ClientSampleId :
VL0726ABS01

Tgt Ion: 91 Resp: 382720
Ion Ratio Lower Upper
91 100
126 30.3 12.4 49.8

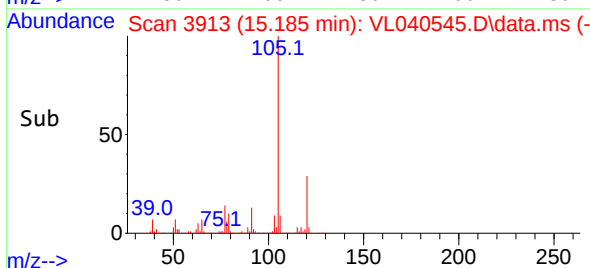
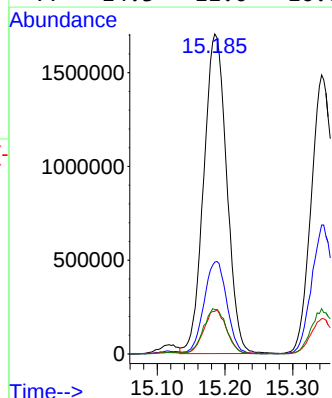
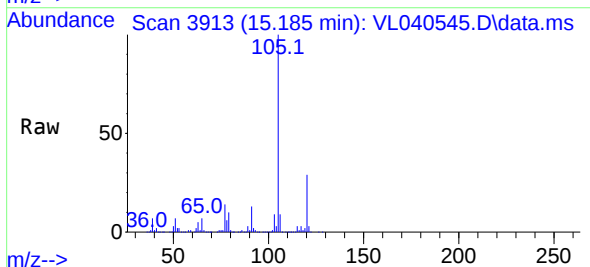
Manual Integrations
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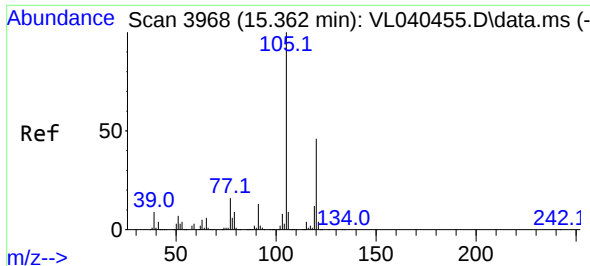
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#72
4-Ethyltoluene
Concen: 11.139 ppbv
RT: 15.185 min Scan# 3913
Delta R.T. -0.019 min
Lab File: VL040545.D
Acq: 26 Jul 2023 17:05

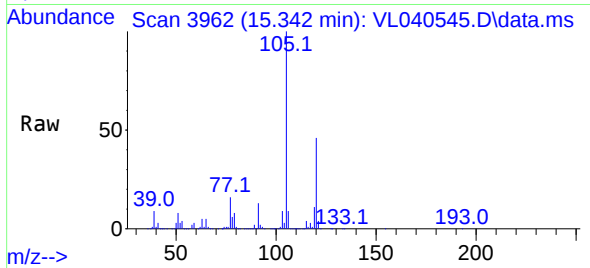
Tgt Ion:105 Resp: 4007874
Ion Ratio Lower Upper
105 100
120 29.0 24.6 37.0
91 14.1 10.7 16.1
77 14.3 11.0 16.6





#73
1,3,5-Trimethylbenzene
Concen: 10.955 ppbv
RT: 15.342 min Scan# 3968
Delta R.T. -0.019 min
Lab File: VL040545.D
Acq: 26 Jul 2023 17:05

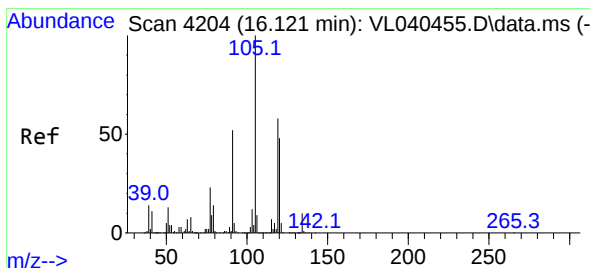
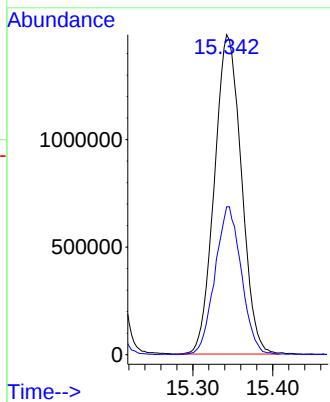
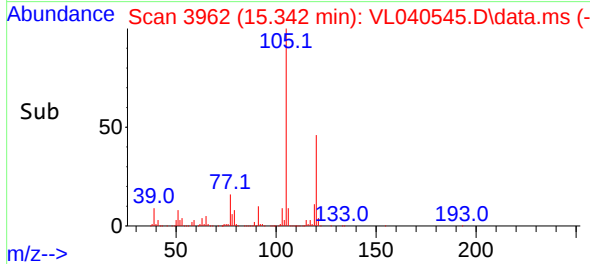
Instrument :
MSVOA_L
ClientSampleId :
VL0726ABS01



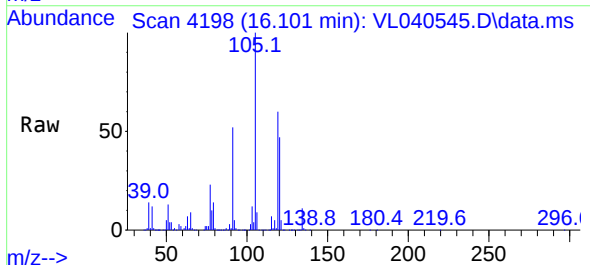
Tgt Ion:105 Resp: 347430
Ion Ratio Lower Upper
105 100
120 46.2 38.2 57.2

Manual Integrations
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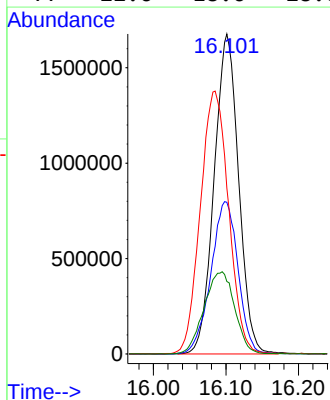
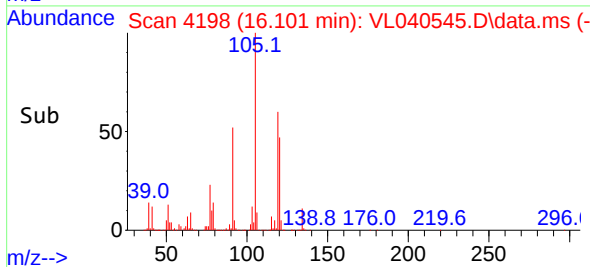
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

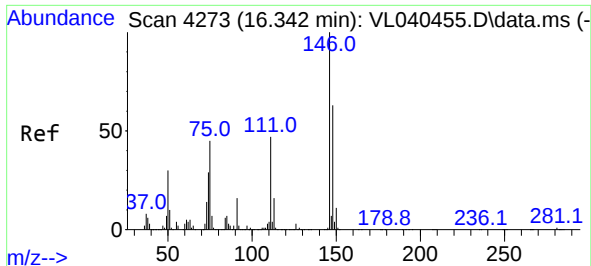


#74
1,2,4-Trimethylbenzene
Concen: 10.633 ppbv
RT: 16.101 min Scan# 4198
Delta R.T. -0.016 min
Lab File: VL040545.D
Acq: 26 Jul 2023 17:05



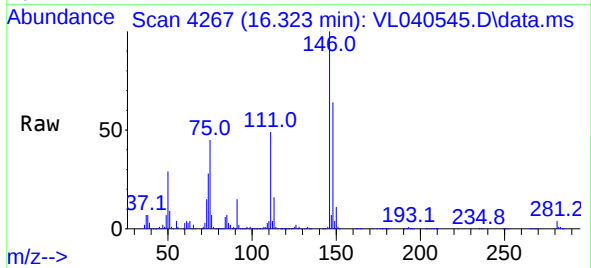
Tgt Ion:105 Resp: 3931769
Ion Ratio Lower Upper
105 100
120 47.3 40.3 60.5
91 51.8 46.8 70.2
77 22.6 18.6 28.0





#75
1,3-Dichlorobenzene
Concen: 10.337 ppbv
RT: 16.323 min Scan# 4312
Delta R.T. -0.019 min
Lab File: VL040545.D
Acq: 26 Jul 2023 17:05

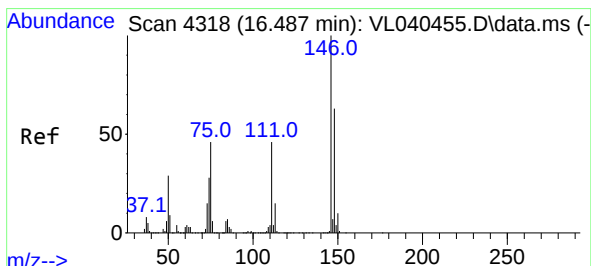
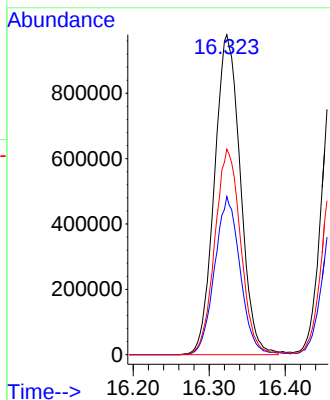
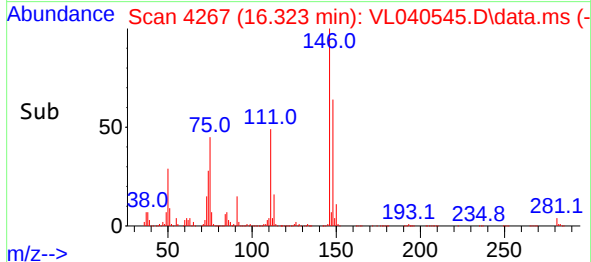
Instrument :
MSVOA_L
ClientSampleId :
VL0726ABS01



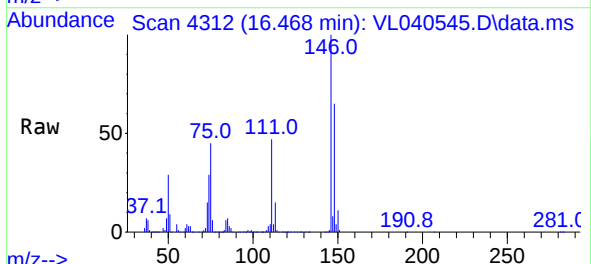
Tgt Ion:146 Resp: 2317490
Ion Ratio Lower Upper
146 100
111 48.6 23.6 71.0
148 64.3 32.2 96.6

Manual Integrations
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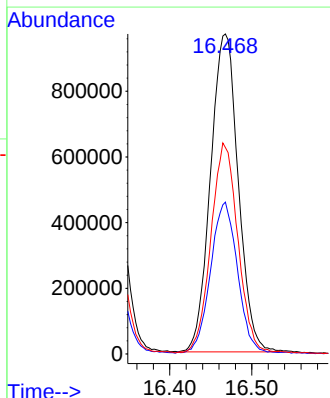
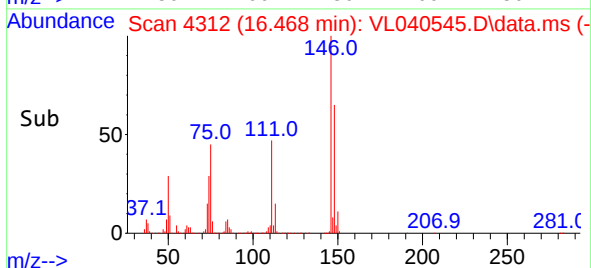
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

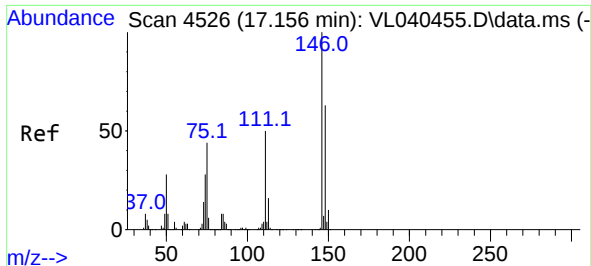


#76
1,4-Dichlorobenzene
Concen: 10.344 ppbv
RT: 16.468 min Scan# 4312
Delta R.T. -0.019 min
Lab File: VL040545.D
Acq: 26 Jul 2023 17:05



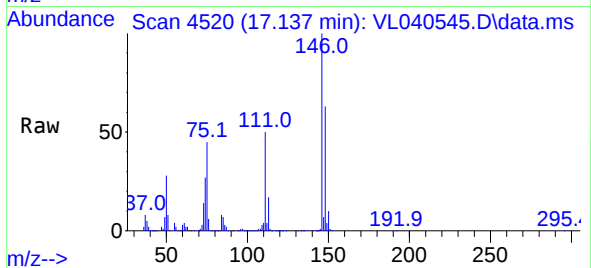
Tgt Ion:146 Resp: 2273767
Ion Ratio Lower Upper
146 100
111 47.1 22.8 68.3
148 65.3 32.6 97.8





#77
1,2-Dichlorobenzene
Concen: 10.387 ppbv
RT: 17.137 min Scan# 41
Delta R.T. -0.016 min
Lab File: VL040545.D
Acq: 26 Jul 2023 17:05

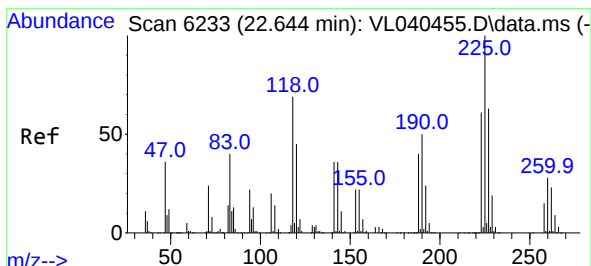
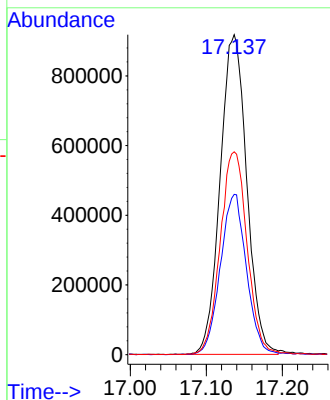
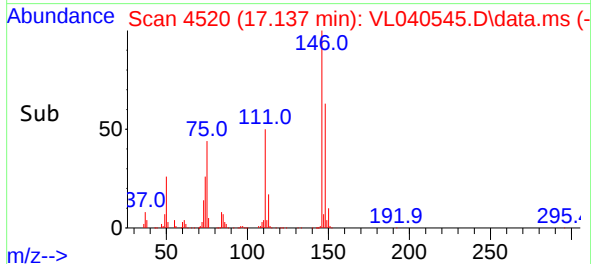
Instrument :
MSVOA_L
ClientSampleId :
VL0726ABS01



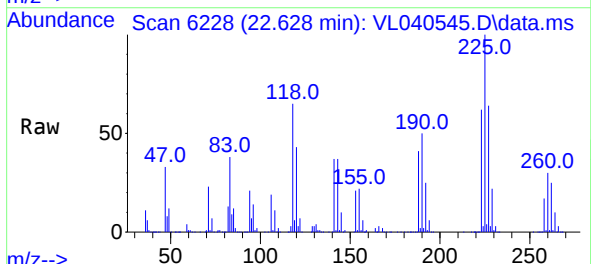
Tgt Ion:146 Resp: 2226664
Ion Ratio Lower Upper
146 100
111 49.5 24.3 72.8
148 64.6 32.1 96.3

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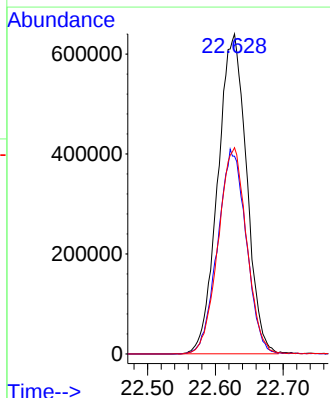
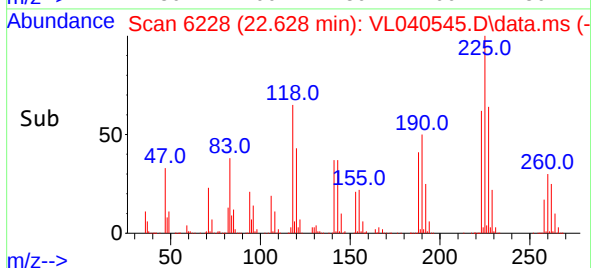
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

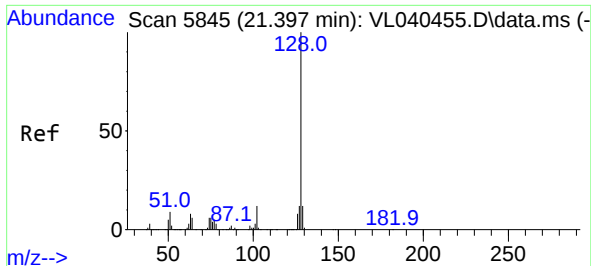


#78
Hexachloro-1,3-Butadiene
Concen: 9.363 ppbv
RT: 22.628 min Scan# 6228
Delta R.T. -0.019 min
Lab File: VL040545.D
Acq: 26 Jul 2023 17:05



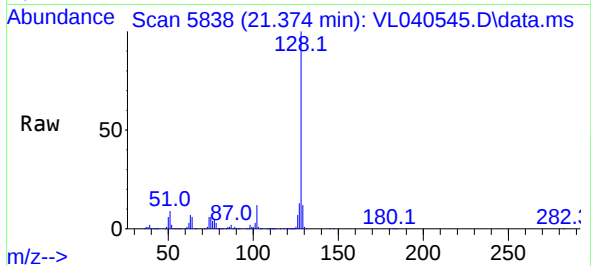
Tgt Ion:225 Resp: 1884892
Ion Ratio Lower Upper
225 100
223 63.7 50.3 75.5
227 64.1 51.0 76.6





#79
Naphthalene
Concen: 12.794 ppbv
RT: 21.374 min Scan# 5838
Delta R.T. -0.019 min
Lab File: VL040545.D
Acq: 26 Jul 2023 17:05

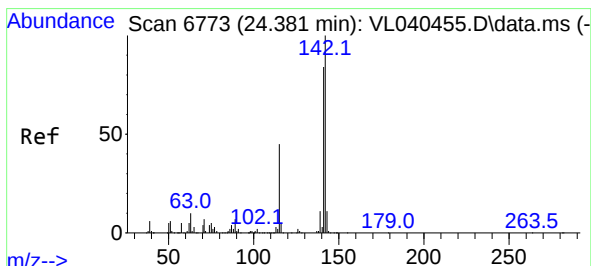
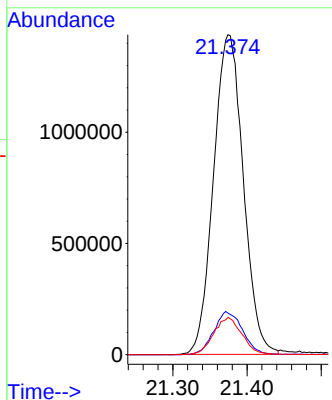
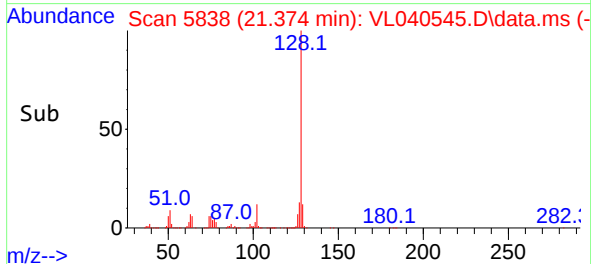
Instrument :
MSVOA_L
ClientSampleId :
VL0726ABS01



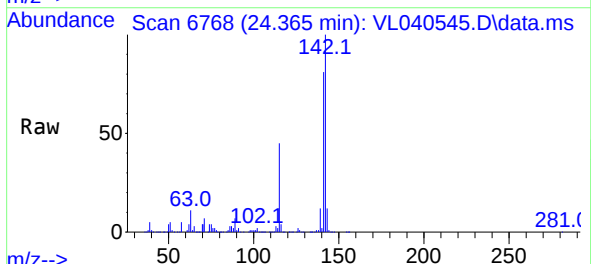
Tgt Ion:128 Resp: 4002630
Ion Ratio Lower Upper
128 100
127 13.0 10.7 16.1
129 11.6 9.2 13.8

Manual Integrations
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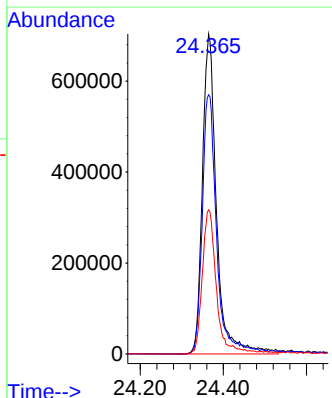
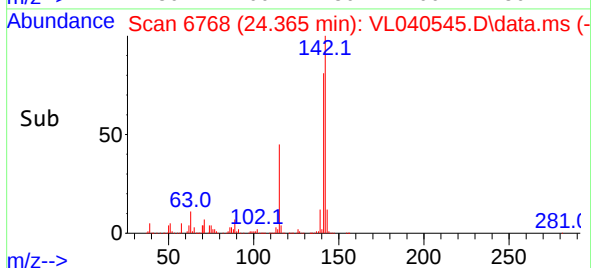
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

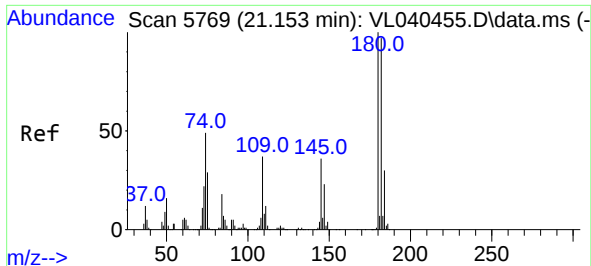


#80
Naphthalene,2-methyl-
Concen: 12.840 ppbv
RT: 24.365 min Scan# 6768
Delta R.T. -0.013 min
Lab File: VL040545.D
Acq: 26 Jul 2023 17:05



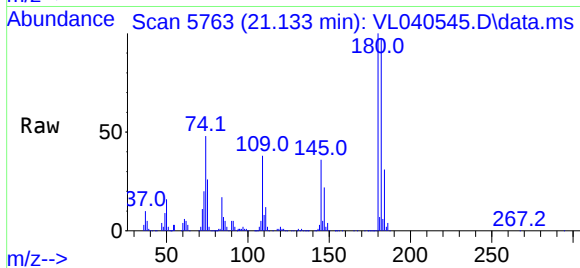
Tgt Ion:142 Resp: 1656364
Ion Ratio Lower Upper
142 100
141 83.6 66.7 100.1
115 46.4 33.0 49.6





#81
1,2,4-Trichlorobenzene
Concen: 10.978 ppbv
RT: 21.133 min Scan# 51
Delta R.T. -0.016 min
Lab File: VL040545.D
Acq: 26 Jul 2023 17:05

Instrument :
MSVOA_L
ClientSampleId :
VL0726ABS01



Tgt Ion:180 Resp: 2366811
Ion Ratio Lower Upper
180 100
182 95.8 77.5 116.3
184 30.6 24.5 36.7

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

