

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121124\
 Data File : VL041726.D
 Acq On : 11 Dec 2024 17:54
 Operator : SY/MD
 Sample : VSTDICC002
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC002

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/13/2024
 Supervised By :Semsettin Yesilyurt 12/13/2024

Quant Time: Dec 12 05:04:17 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121124AIR.M

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

QLast Update : Thu Dec 12 04:57:37 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.793	49	269006	10.000	ppbv	# 0.00
33) 1,4-Difluorobenzene	3.968	114	1347076	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.898	117	1194756	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.390 95 787013 10.020 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 100.200%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.502	85	134762	2.854	ppbv	99
3) Chlorodifluoromethane	1.476	51	75854	2.071	ppbv	99
4) Chloromethane	1.534	50	36920	2.946	ppbv	99
5) Vinyl Chloride	1.583	62	43367	2.826	ppbv	98
6) Bromomethane	1.670	94	29959	2.977	ppbv	100
7) Chloroethane	1.709	64	18630	2.790	ppbv	94
8) Dichlorotetrafluoroethane	1.557	85	130051	3.378	ppbv	95
9) Propene	1.486	41	32870	2.110	ppbv	98
10) Heptane	4.997	43	86763	2.010	ppbv	99
11) Trichlorofluoromethane	1.881	101	147237	2.708	ppbv	99
12) 1,1,2-Trichlorotrifluo...	2.146	101	128136	2.618	ppbv	96
13) Ethanol	1.725	45	3315	2.567	ppbv	98
14) Bromoethene	1.787	108	51907	2.893	ppbv	98
15) Acetone	1.838	43	79671	2.565	ppbv	93
16) 1,3-Butadiene	1.612	39	28662	2.751	ppbv	100
17) tert-Butyl alcohol	2.042	59	107033	2.377	ppbv	100
18) 1,1-Dichloroethene	2.729	96	76202	2.945	ppbv	99
19) Isopropyl Alcohol	1.887	45	62520	2.119	ppbv	99
20) Methylene Chloride	2.065	84	47114	2.498	ppbv	99
21) Allyl Chloride	2.101	41	43121	2.466	ppbv	97
22) trans-1,2-Dichloroethene	2.039	96	57615	2.274	ppbv	93
23) Vinyl Acetate	2.466	43	35095	1.794	ppbv	96
24) 1,1-Dichloroethane	2.415	63	89407	2.556	ppbv	100
25) Ethyl Acetate	4.997	43	86763	2.010	ppbv #	96
26) Hexane	2.835	57	87180	2.082	ppbv	98
27) Carbon Disulfide	2.156	76	103465	2.400	ppbv	99
28) Methyl tert-Butyl Ether	2.444	73	72715	2.313	ppbv #	85
29) Chloroform	2.855	83	132440	2.067	ppbv	97
30) Cyclohexane	3.871	84	96522	2.305	ppbv	99
31) cis-1,2-Dichloroethene	2.039	61	76050	2.067	ppbv	93
32) 1,1,1-Trichloroethane	3.379	97	126716	2.011	ppbv	98
34) 2-Butanone	2.560	43	96249	2.041	ppbv	99
35) Carbon Tetrachloride	3.777	117	128273	2.043	ppbv	98
36) Benzene	3.667	78	217777	2.056	ppbv	99
37) 1,2-Dichloroethane	3.227	62	79119	2.068	ppbv	100
38) Trichloroethene	4.561	130	113622	2.062	ppbv	99
39) 1,2-Dichloropropane	4.327	63	69002	2.045	ppbv	100
40) 1,4-Dioxane	4.603	88	39991	1.964	ppbv #	88
41) Tetrahydrofuran	3.065	42	57679	2.029	ppbv	98
42) Bromodichloromethane	4.502	83	120984	1.959	ppbv	98
43) Methyl Methacrylate	4.894	69	74865	1.962	ppbv	100
44) 2,2,4-Trimethylpentane	4.658	57	300322	2.037	ppbv	100
45) t-1,3-Dichloropropene	5.616	75	95584	1.935	ppbv	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121124\
 Data File : VL041726.D
 Acq On : 11 Dec 2024 17:54
 Operator : SY/MD
 Sample : VSTDICC002
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC002

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/13/2024
 Supervised By :Semsettin Yesilyurt 12/13/2024

Quant Time: Dec 12 05:04:17 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121124AIR.M

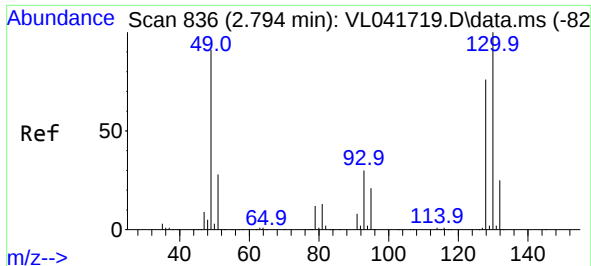
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2

QLast Update : Thu Dec 12 04:57:37 2024

Response via : Initial Calibration

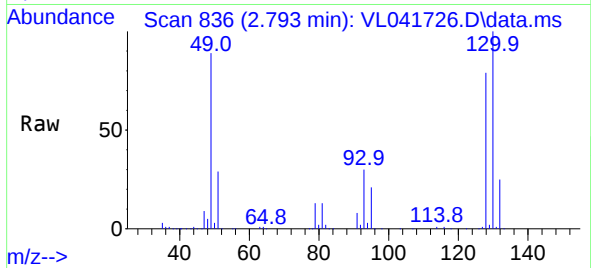
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	6.431	75	67982	1.825	ppbv	96
47) 1,1,2-Trichloroethane	6.600	97	90206	2.007	ppbv	98
48) Dibromochloromethane	7.402	129	118747	1.834	ppbv	98
49) Bromoform	9.500	173	113638	1.834	ppbv	98
50) 4-Methyl-2-Pentanone	5.774	43	135252	1.999	ppbv	100
51) 2-Hexanone	7.457	43	112483	2.078	ppbv #	99
52) Tetrachloroethene	8.241	164	111296	1.984	ppbv	98
53) Toluene	6.952	91	264693	2.034	ppbv	99
54) 1,2-Dibromoethane	7.668	107	124833	2.032	ppbv	100
56) 1,1,1,2-Tetrachloroethane	8.940	131	112810	2.031	ppbv	94
57) Chlorobenzene	8.936	112	227568	2.093	ppbv	98
58) Ethyl Benzene	9.370	91	328990	2.058	ppbv	96
59) m/p-Xylene	9.564	91	508311m	4.125	ppbv	
60) o-Xylene	9.979	91	254307	2.094	ppbv	98
61) Styrene	9.885	104	133260	1.987	ppbv	99
62) Isopropylbenzene	10.555	105	424796	2.120	ppbv	97
63) 1,1,2,2-Tetrachloroethane	9.979	83	163193	2.076	ppbv	99
64) n-propylbenzene	11.001	120	122425	2.075	ppbv	90
65) tert-Butylbenzene	11.545	119	400825	2.110	ppbv	99
66) Benzyl Chloride	10.914	91	283831	2.084	ppbv	98
67) sec-Butylbenzene	11.781	105	531361	2.161	ppbv	97
69) p-Isopropyltoluene	11.940	119	444689	2.097	ppbv	97
70) n-Butylbenzene	12.296	91	376482	2.139	ppbv	96
71) 2-Chlorotoluene	10.914	91	283831	2.084	ppbv	98
72) 4-Ethyltoluene	11.137	105	328204	2.092	ppbv	98
73) 1,3,5-Trimethylbenzene	11.218	105	258973	2.041	ppbv	99
74) 1,2,4-Trimethylbenzene	11.548	105	280390	2.033	ppbv #	90
75) 1,3-Dichlorobenzene	11.620	146	229186	2.079	ppbv	100
76) 1,4-Dichlorobenzene	11.684	146	226738	2.082	ppbv	100
77) 1,2-Dichlorobenzene	11.959	146	220310	2.110	ppbv	99
78) Hexachloro-1,3-Butadiene	13.895	225	187958	2.191	ppbv	100
79) Naphthalene	13.526	128	240042	2.033	ppbv	98
80) Naphthalene,2-methyl-	14.474	142	39678	0.929	ppbv	99
81) 1,2,4-Trichlorobenzene	13.455	180	145764	1.961	ppbv	100

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.793 min Scan# 81
Delta R.T. -0.001 min
Lab File: VL041726.D
Acq: 11 Dec 2024 17:54

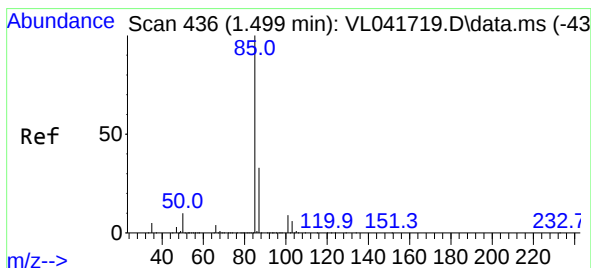
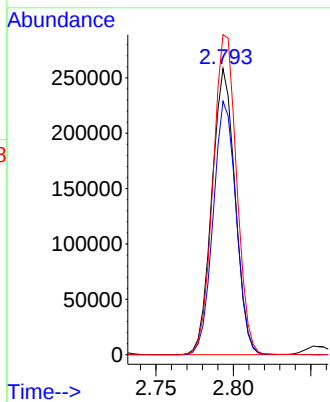
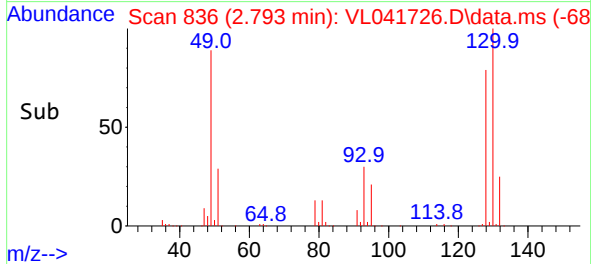
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion: 49 Resp: 269000
Ion Ratio Lower Upper
49 100
128 87.9 0.0 0.0
130 113.6 0.0 0.0

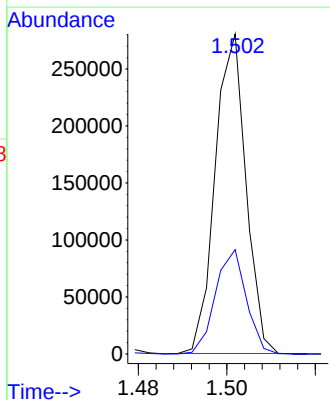
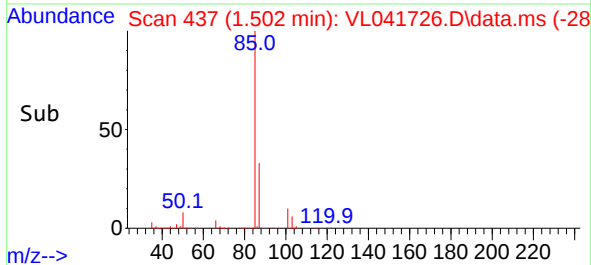
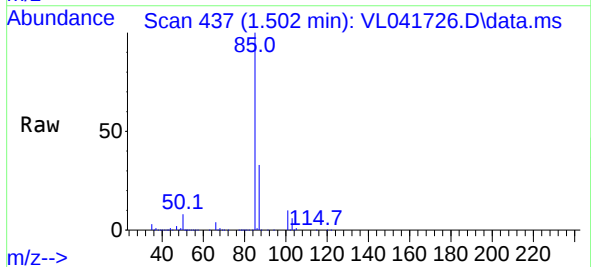
Manual Integrations
APPROVED

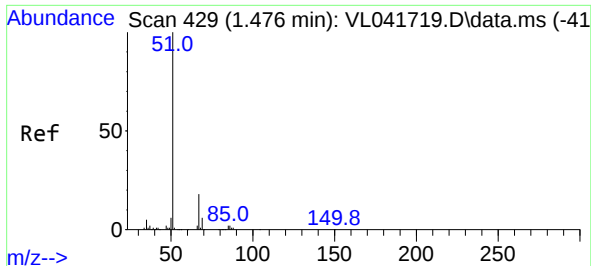
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#2
Dichlorodifluoromethane
Concen: 2.854 ppbv
RT: 1.502 min Scan# 437
Delta R.T. 0.003 min
Lab File: VL041726.D
Acq: 11 Dec 2024 17:54

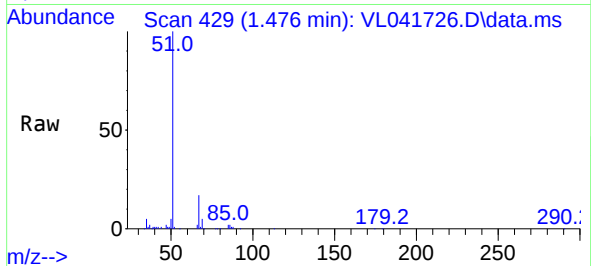
Tgt Ion: 85 Resp: 134762
Ion Ratio Lower Upper
85 100
87 32.7 26.6 39.8





#3
Chlorodifluoromethane
Concen: 2.071 ppbv
RT: 1.476 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL041726.D
Acq: 11 Dec 2024 17:54

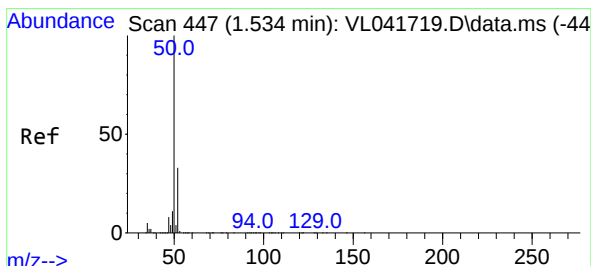
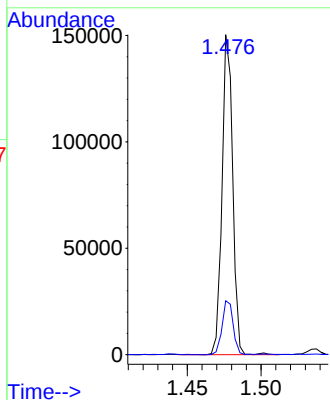
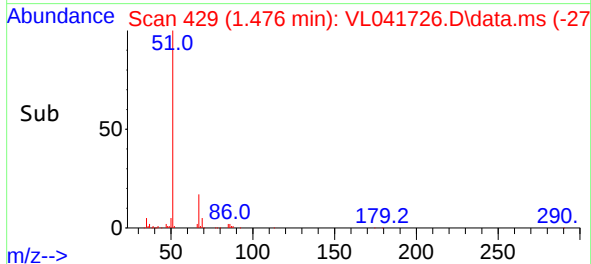
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



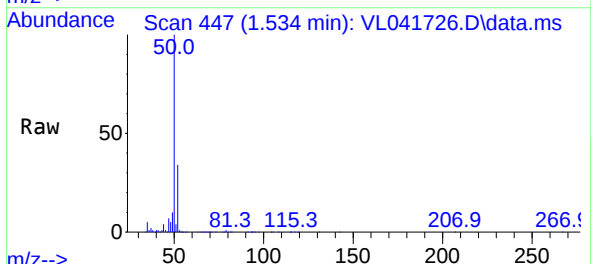
Tgt Ion: 51 Resp: 75854
Ion Ratio Lower Upper
51 100
67 18.0 14.6 21.8

Manual Integrations
APPROVED

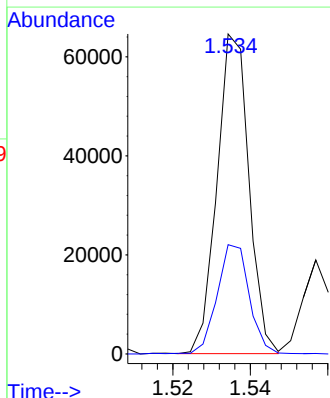
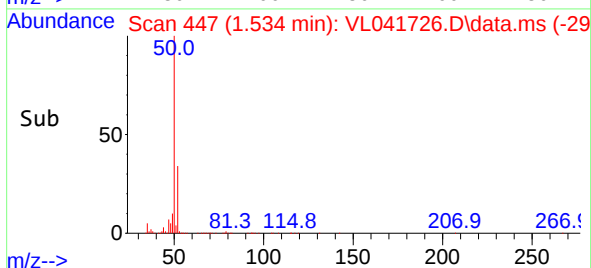
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

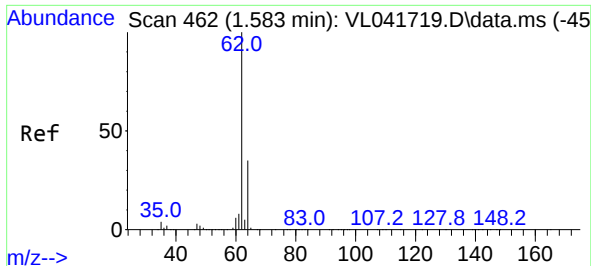


#4
Chloromethane
Concen: 2.946 ppbv
RT: 1.534 min Scan# 447
Delta R.T. -0.000 min
Lab File: VL041726.D
Acq: 11 Dec 2024 17:54



Tgt Ion: 50 Resp: 36920
Ion Ratio Lower Upper
50 100
52 34.0 26.6 40.0





#5
 Vinyl Chloride
 Concen: 2.826 ppbv
 RT: 1.583 min Scan# 462
 Delta R.T. -0.000 min
 Lab File: VL041726.D
 Acq: 11 Dec 2024 17:54

Instrument :

MSVOA_L

ClientSampleId :

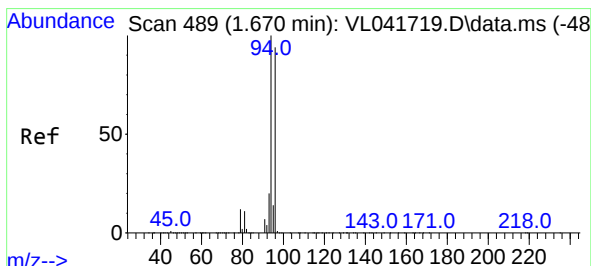
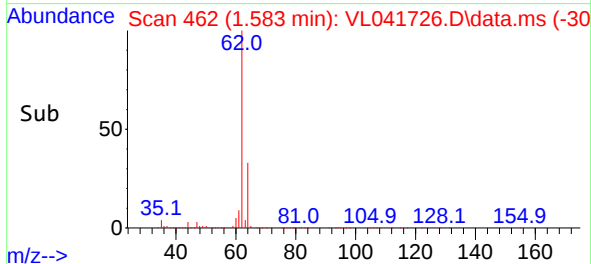
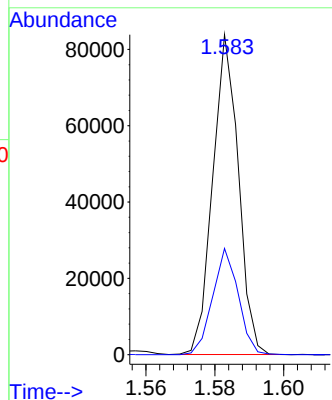
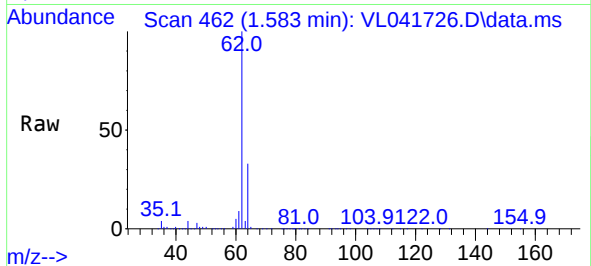
VSTDIC002

Tgt Ion: 62 Resp: 4336
 Ion Ratio Lower Upper
 62 100
 64 33.2 27.6 41.4

Manual Integrations

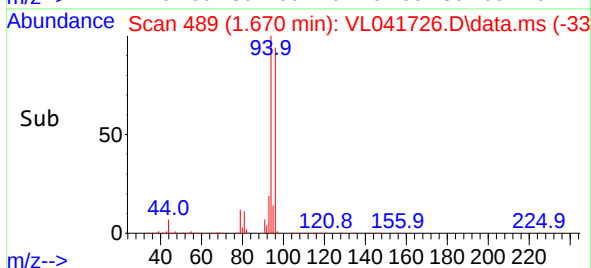
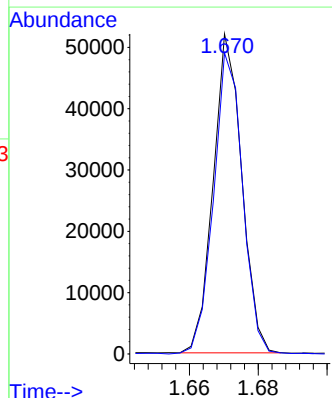
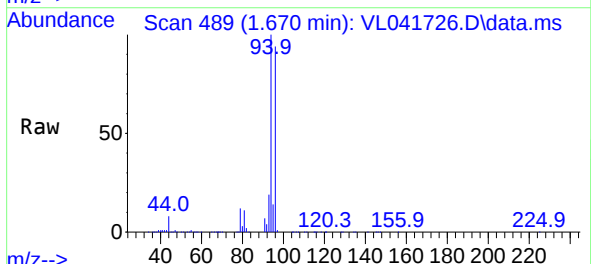
APPROVED

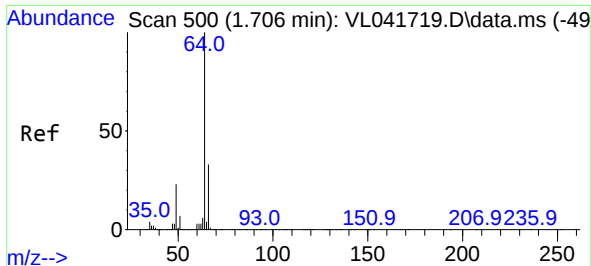
Reviewed By :Mahesh Dadoda 12/13/2024
 Supervised By :Semsettin Yesilyurt 12/13/2024



#6
 Bromomethane
 Concen: 2.977 ppbv
 RT: 1.670 min Scan# 489
 Delta R.T. -0.000 min
 Lab File: VL041726.D
 Acq: 11 Dec 2024 17:54

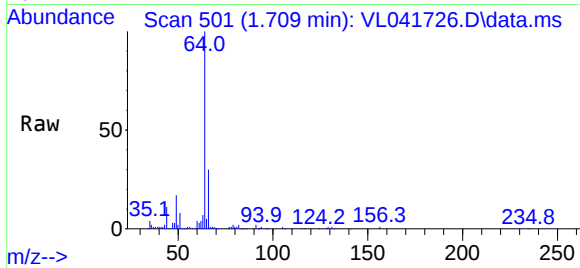
Tgt Ion: 94 Resp: 29959
 Ion Ratio Lower Upper
 94 100
 96 94.1 75.4 113.0





#7
Chloroethane
Concen: 2.790 ppbv
RT: 1.709 min Scan# 500
Delta R.T. 0.003 min
Lab File: VL041726.D
Acq: 11 Dec 2024 17:54

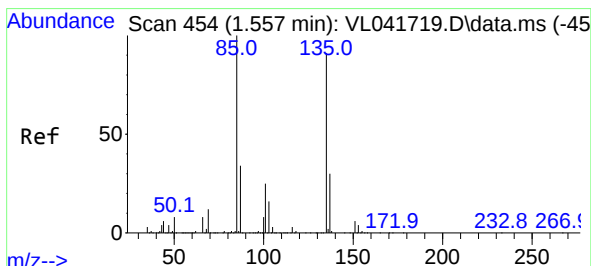
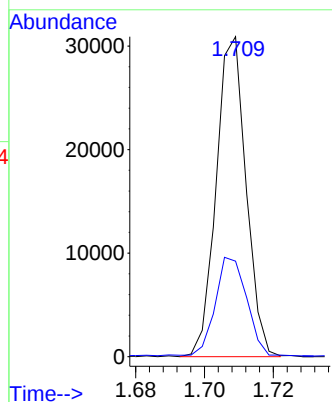
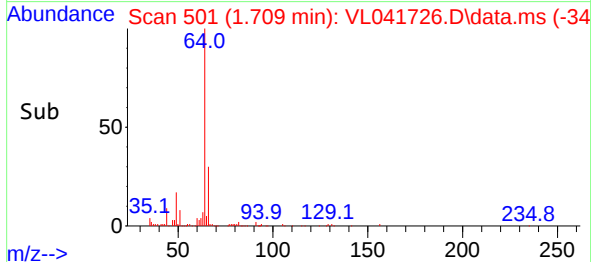
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



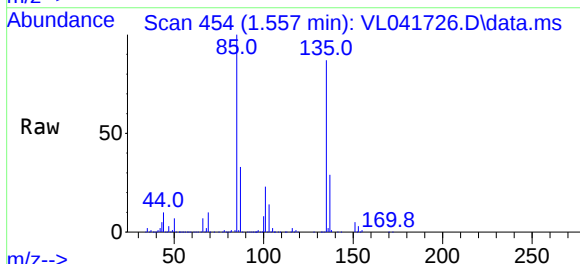
Tgt Ion: 64 Resp: 18630
Ion Ratio Lower Upper
64 100
66 29.9 26.5 39.7

Manual Integrations
APPROVED

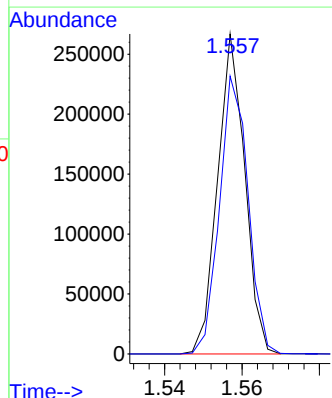
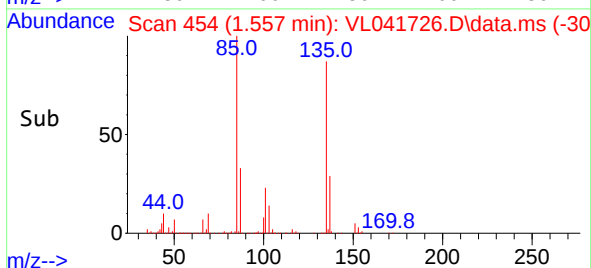
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

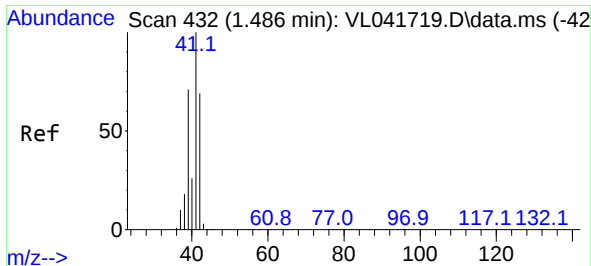


#8
Dichlorotetrafluoroethane
Concen: 3.378 ppbv
RT: 1.557 min Scan# 454
Delta R.T. -0.000 min
Lab File: VL041726.D
Acq: 11 Dec 2024 17:54



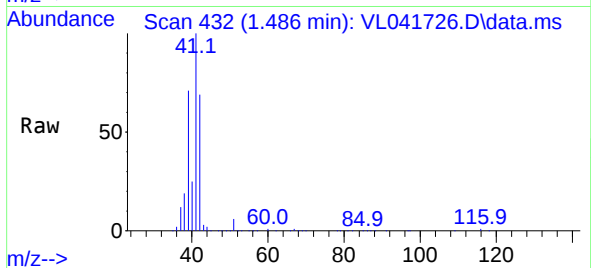
Tgt Ion: 85 Resp: 130051
Ion Ratio Lower Upper
85 100
135 91.3 69.0 103.6





#9
Propene
Concen: 2.110 ppbv
RT: 1.486 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL041726.D
Acq: 11 Dec 2024 17:54

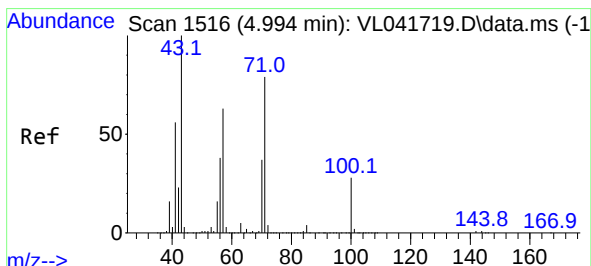
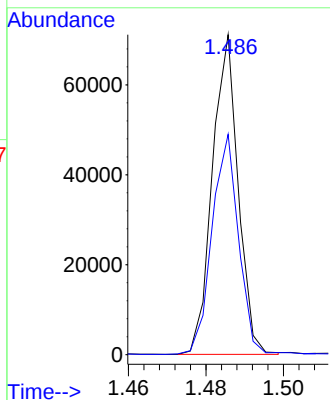
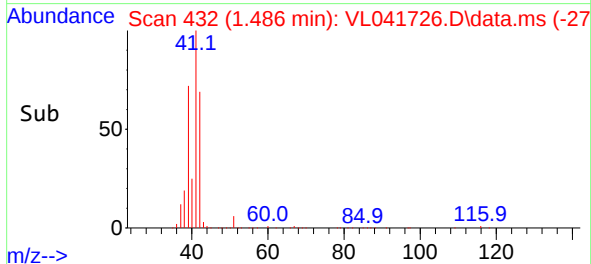
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



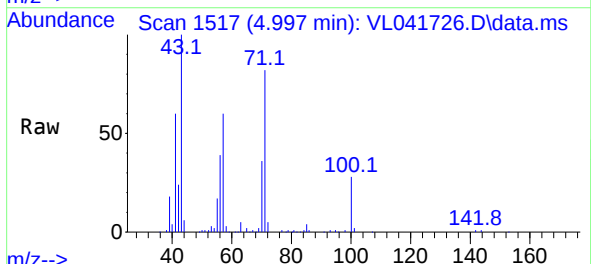
Tgt Ion: 41 Resp: 32870
Ion Ratio Lower Upper
41 100
42 72.1 56.3 84.5

Manual Integrations
APPROVED

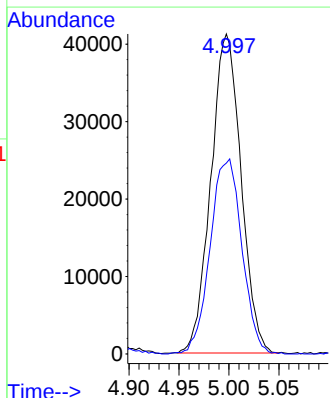
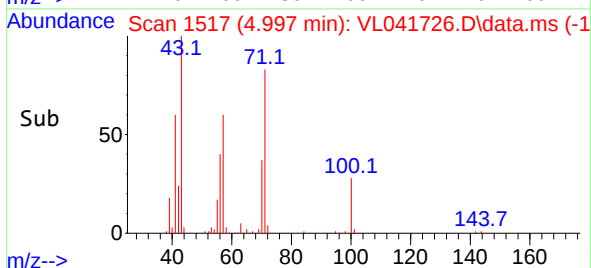
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

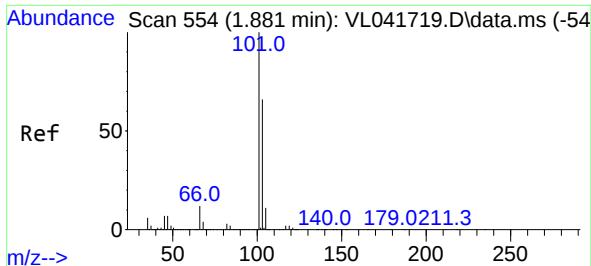


#10
Heptane
Concen: 2.010 ppbv
RT: 4.997 min Scan# 1517
Delta R.T. 0.003 min
Lab File: VL041726.D
Acq: 11 Dec 2024 17:54



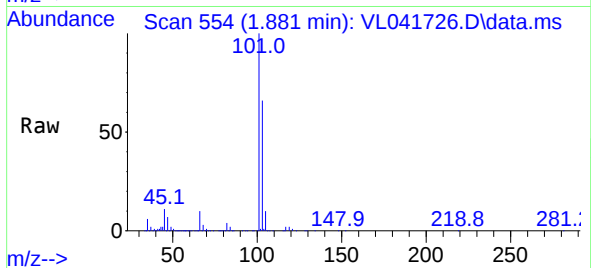
Tgt Ion: 43 Resp: 86763
Ion Ratio Lower Upper
43 100
57 64.2 50.5 75.7





#11
Trichlorofluoromethane
Concen: 2.708 ppbv
RT: 1.881 min Scan# 51
Delta R.T. -0.000 min
Lab File: VL041726.D
Acq: 11 Dec 2024 17:54

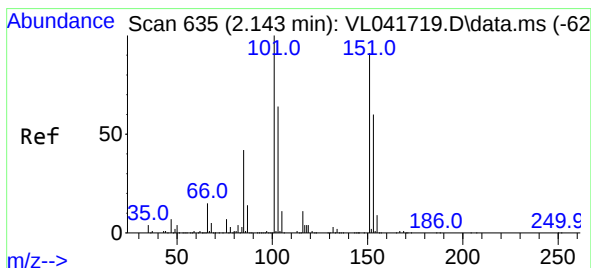
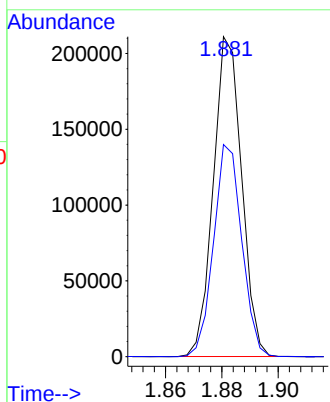
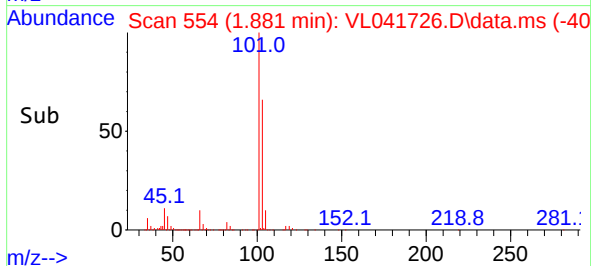
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



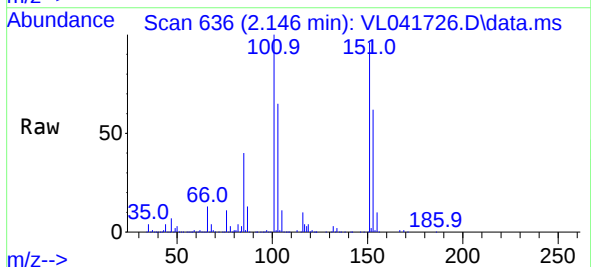
Tgt Ion:101 Resp: 14723
Ion Ratio Lower Upper
101 100
103 66.3 52.7 79.1

Manual Integrations
APPROVED

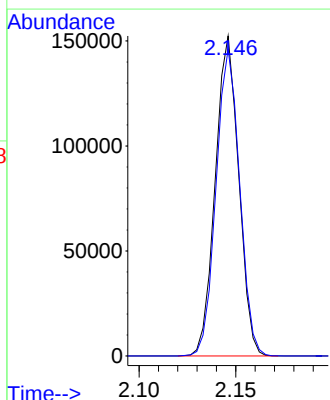
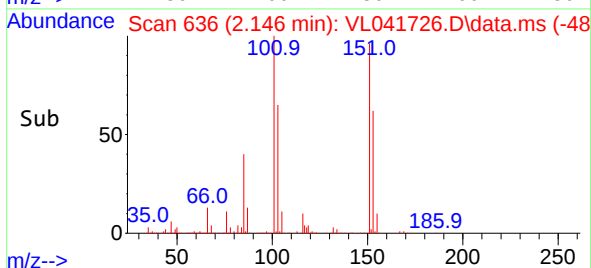
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

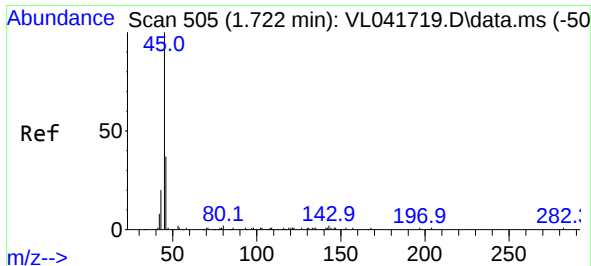


#12
1,1,2-Trichlorotrifluoroethane
Concen: 2.618 ppbv
RT: 2.146 min Scan# 636
Delta R.T. 0.003 min
Lab File: VL041726.D
Acq: 11 Dec 2024 17:54



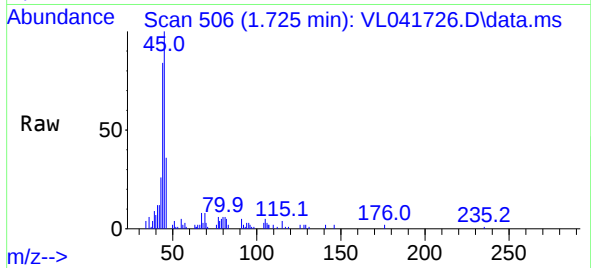
Tgt Ion:101 Resp: 128136
Ion Ratio Lower Upper
101 100
151 96.4 74.4 111.6





#13
Ethanol
Concen: 2.567 ppbv
RT: 1.725 min Scan# 505
Delta R.T. 0.003 min
Lab File: VL041726.D
Acq: 11 Dec 2024 17:54

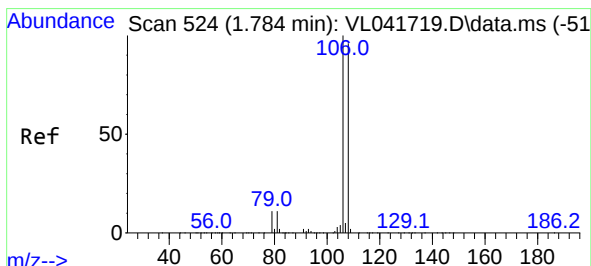
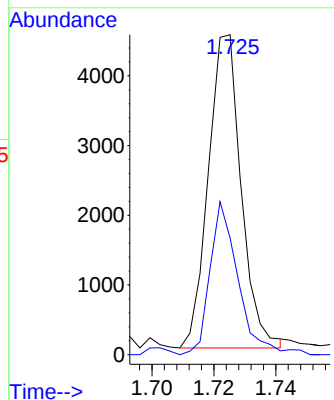
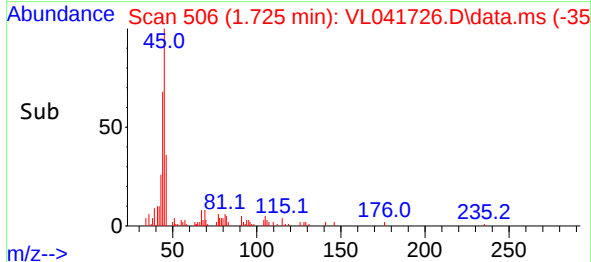
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion: 45 Resp: 3315
Ion Ratio Lower Upper
45 100
46 43.2 16.8 67.2

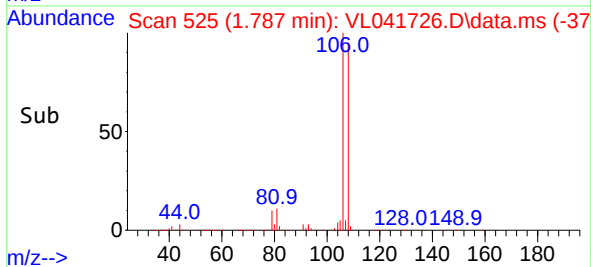
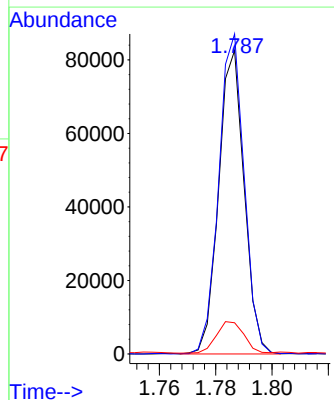
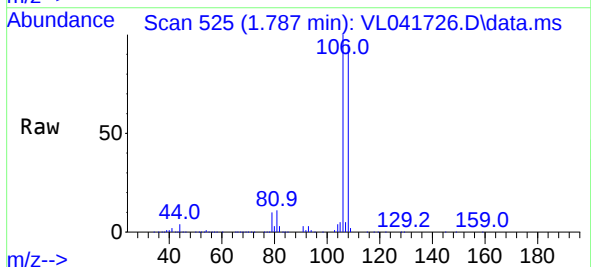
Manual Integrations
APPROVED

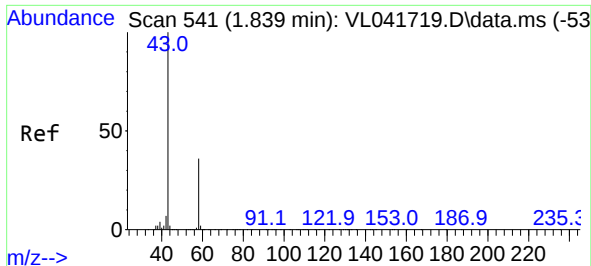
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#14
Bromoethene
Concen: 2.893 ppbv
RT: 1.787 min Scan# 525
Delta R.T. 0.003 min
Lab File: VL041726.D
Acq: 11 Dec 2024 17:54

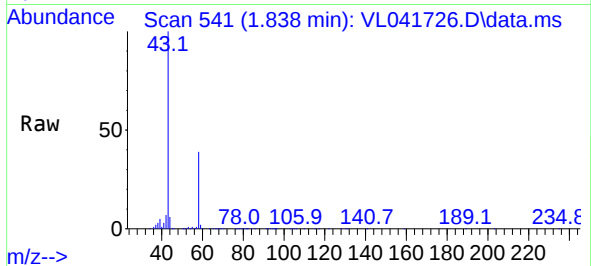
Tgt Ion:108 Resp: 51907
Ion Ratio Lower Upper
108 100
106 105.9 83.5 125.3
79 12.9 9.3 13.9





#15
Acetone
Concen: 2.565 ppbv
RT: 1.838 min Scan# 541
Delta R.T. -0.000 min
Lab File: VL041726.D
Acq: 11 Dec 2024 17:54

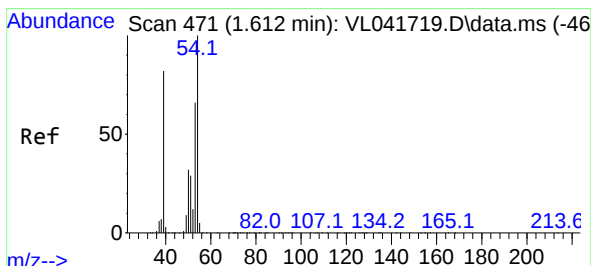
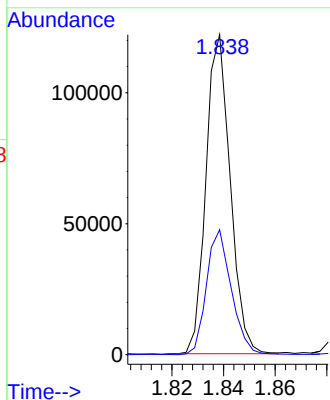
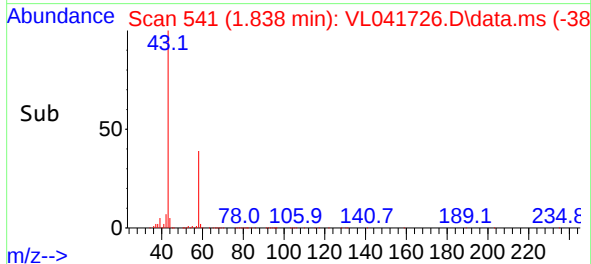
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



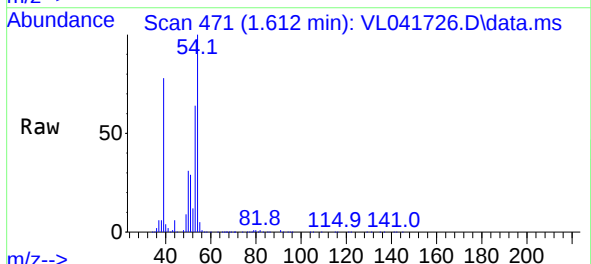
Tgt Ion: 43 Resp: 7967
Ion Ratio Lower Upper
43 100
58 40.3 28.9 43.3

Manual Integrations
APPROVED

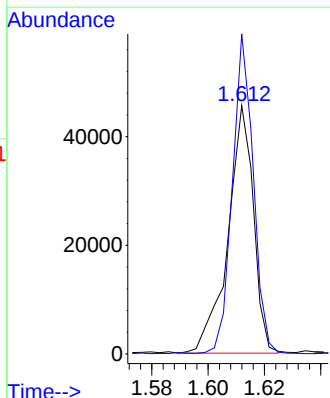
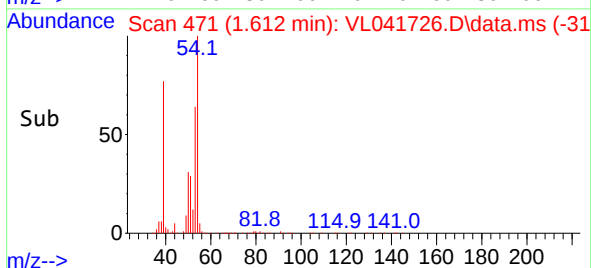
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

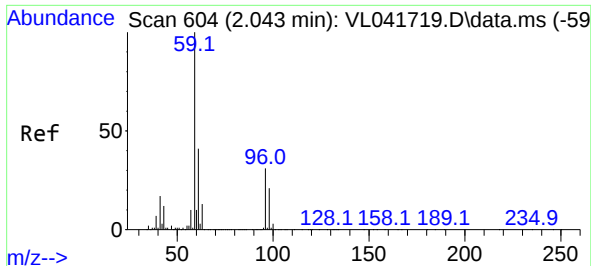


#16
1,3-Butadiene
Concen: 2.751 ppbv
RT: 1.612 min Scan# 471
Delta R.T. -0.000 min
Lab File: VL041726.D
Acq: 11 Dec 2024 17:54



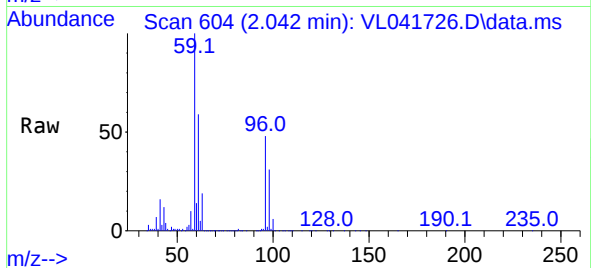
Tgt Ion: 39 Resp: 28662
Ion Ratio Lower Upper
39 100
54 106.1 85.0 127.6





#17
tert-Butyl alcohol
Concen: 2.377 ppbv
RT: 2.042 min Scan# 604
Delta R.T. -0.000 min
Lab File: VL041726.D
Acq: 11 Dec 2024 17:54

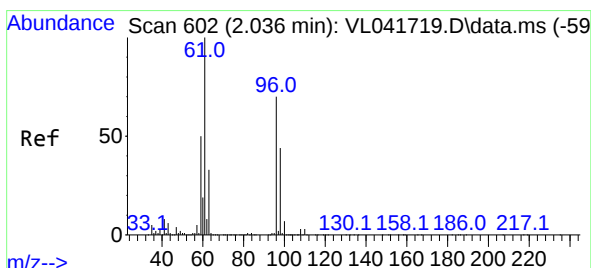
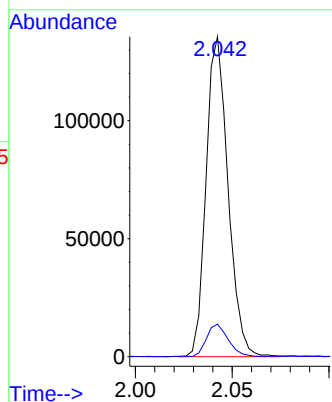
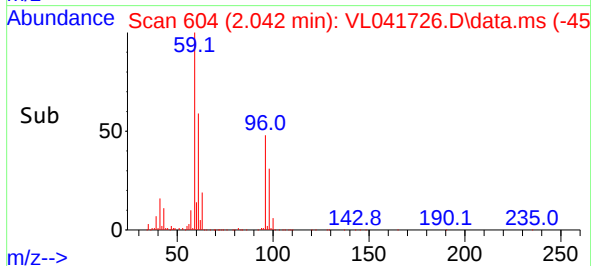
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



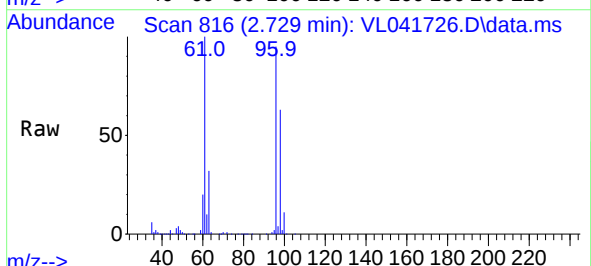
Tgt Ion: 59 Resp: 107033
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4

Manual Integrations
APPROVED

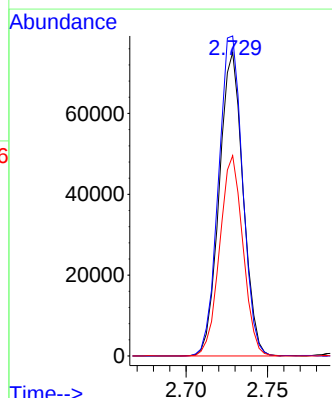
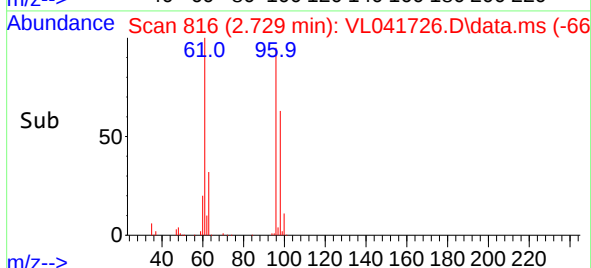
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

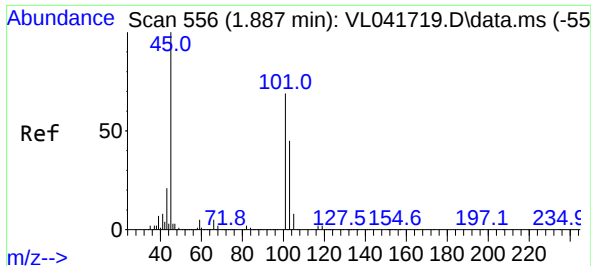


#18
1,1-Dichloroethene
Concen: 2.945 ppbv
RT: 2.729 min Scan# 816
Delta R.T. 0.003 min
Lab File: VL041726.D
Acq: 11 Dec 2024 17:54



Tgt Ion: 96 Resp: 76202
Ion Ratio Lower Upper
96 100
61 105.4 84.8 127.2
98 66.0 51.2 76.8





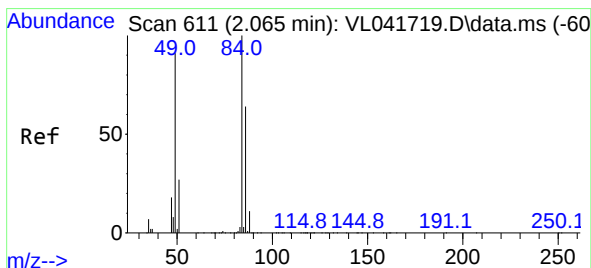
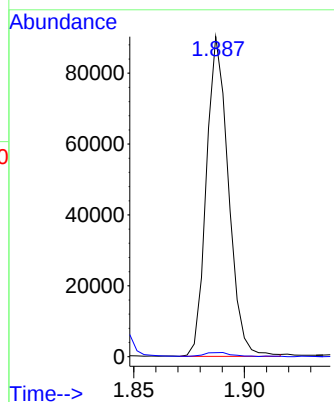
#19
Isopropyl Alcohol
Concen: 2.119 ppbv
RT: 1.887 min Scan# 556
Delta R.T. -0.000 min
Lab File: VL041726.D
Acq: 11 Dec 2024 17:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 45 Resp: 62520
Ion Ratio Lower Upper
45 100
58 51.4 40.7 61.1

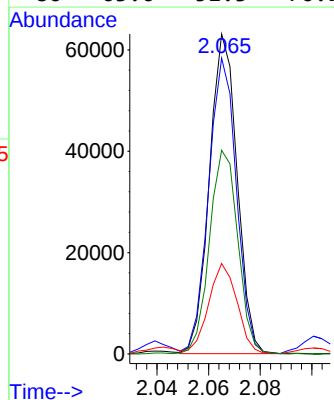
Manual Integrations
APPROVED

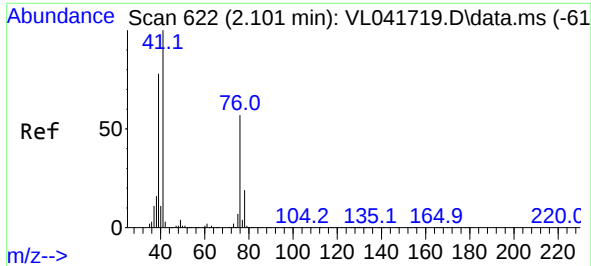
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#20
Methylene Chloride
Concen: 2.498 ppbv
RT: 2.065 min Scan# 611
Delta R.T. -0.000 min
Lab File: VL041726.D
Acq: 11 Dec 2024 17:54

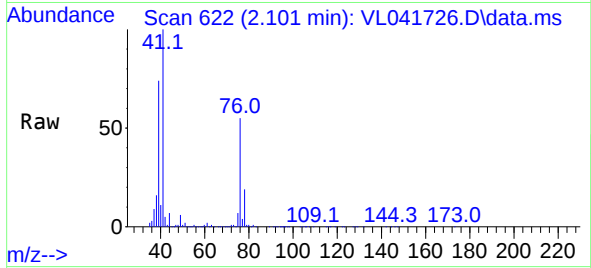
Tgt Ion: 84 Resp: 47114
Ion Ratio Lower Upper
84 100
49 92.4 73.6 110.4
51 28.1 22.9 34.3
86 63.6 51.3 76.9





#21
Allyl Chloride
Concen: 2.466 ppbv
RT: 2.101 min Scan# 61
Delta R.T. -0.000 min
Lab File: VL041726.D
Acq: 11 Dec 2024 17:54

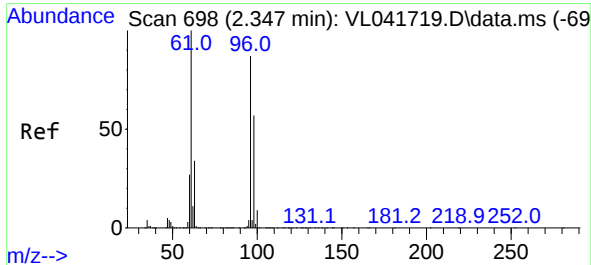
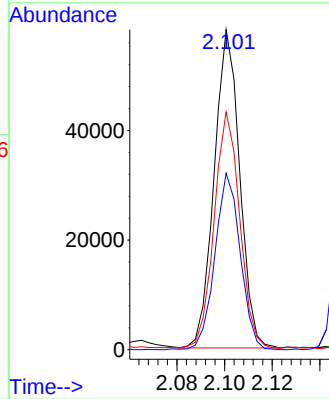
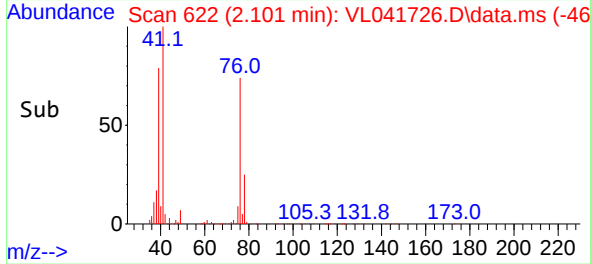
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion: 41 Resp: 4312
Ion Ratio Lower Upper
41 100
76 55.0 44.1 66.1
39 74.2 62.6 93.8

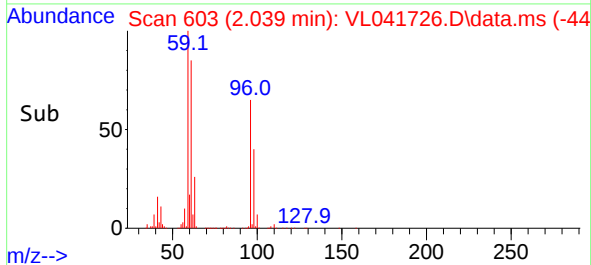
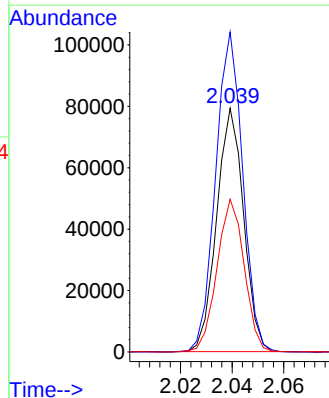
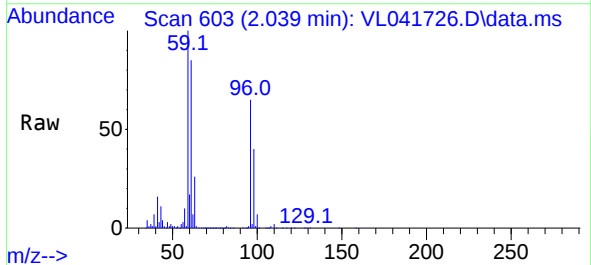
Manual Integrations
APPROVED

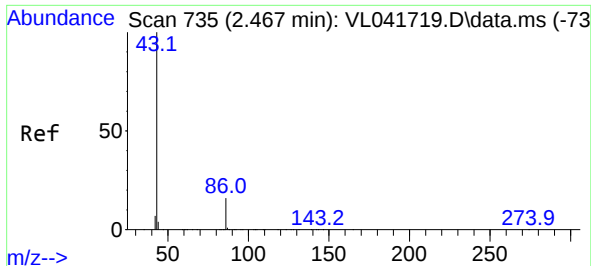
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#22
trans-1,2-Dichloroethene
Concen: 2.274 ppbv
RT: 2.039 min Scan# 603
Delta R.T. 0.003 min
Lab File: VL041726.D
Acq: 11 Dec 2024 17:54

Tgt Ion: 96 Resp: 57615
Ion Ratio Lower Upper
96 100
61 131.4 114.4 171.6
98 62.6 50.6 75.8





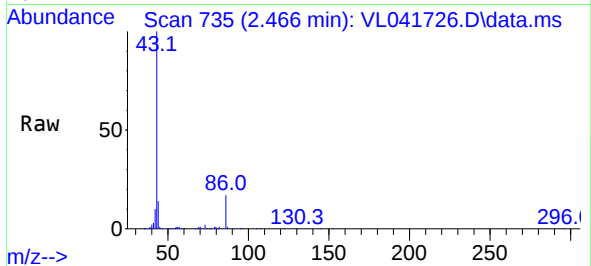
#23
 Vinyl Acetate
 Concen: 1.794 ppbv
 RT: 2.466 min Scan# 719
 Delta R.T. -0.000 min
 Lab File: VL041726.D
 Acq: 11 Dec 2024 17:54

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

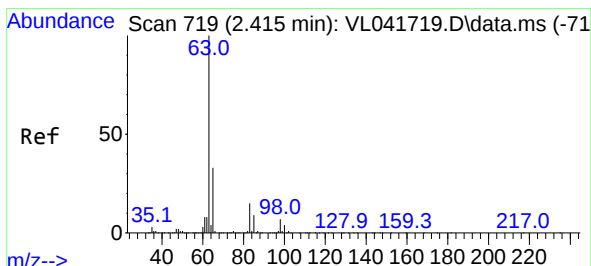
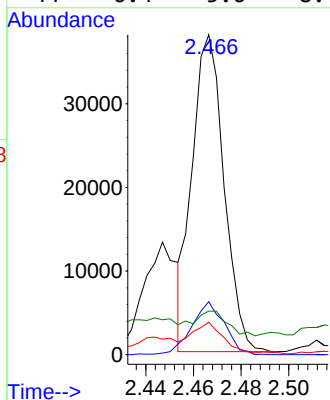
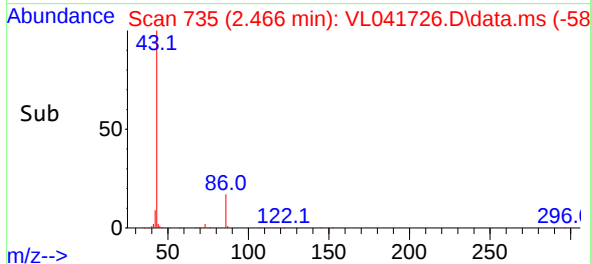


Tgt Ion: 43 Resp: 3509
 Ion Ratio Lower Upper
 43 100
 86 16.7 11.5 17.3
 42 9.6 6.7 10.1
 44 6.4 5.6 8.4

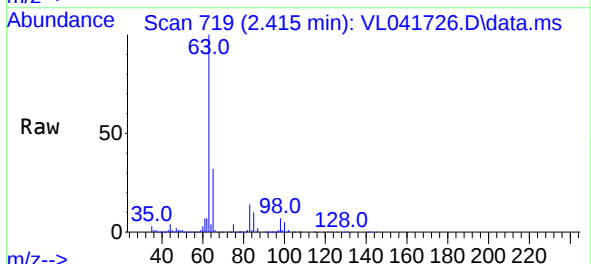
Manual Integrations

APPROVED

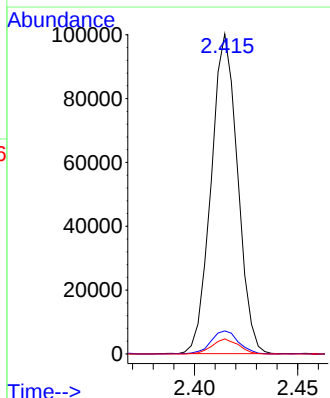
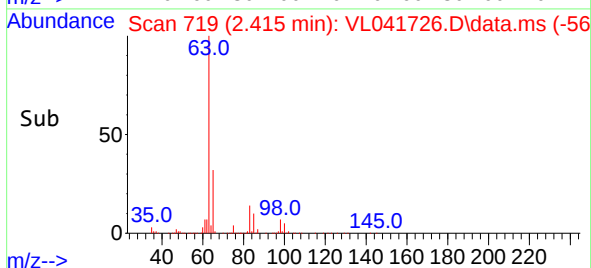
Reviewed By :Mahesh Dadoda 12/13/2024
 Supervised By :Semsettin Yesilyurt 12/13/2024

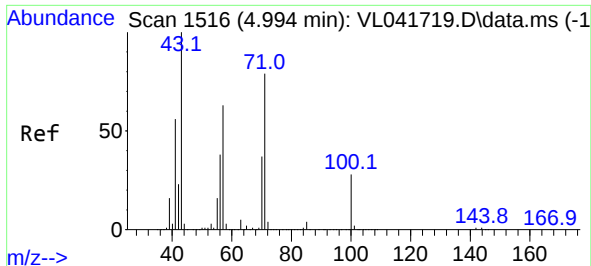


#24
 1,1-Dichloroethane
 Concen: 2.556 ppbv
 RT: 2.415 min Scan# 719
 Delta R.T. -0.000 min
 Lab File: VL041726.D
 Acq: 11 Dec 2024 17:54



Tgt Ion: 63 Resp: 89407
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.6 10.8
 100 4.7 2.3 6.8





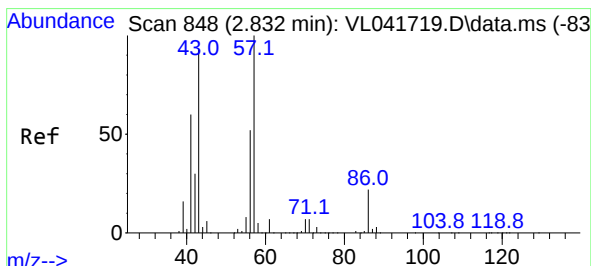
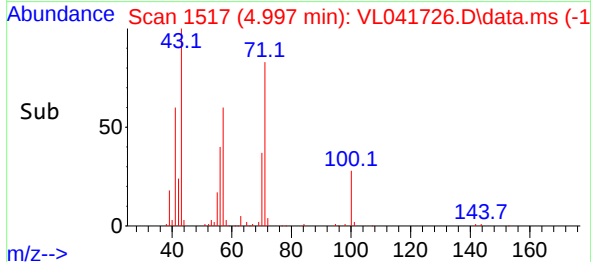
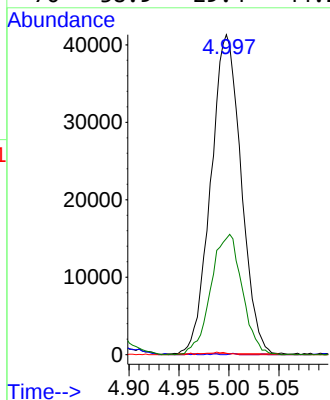
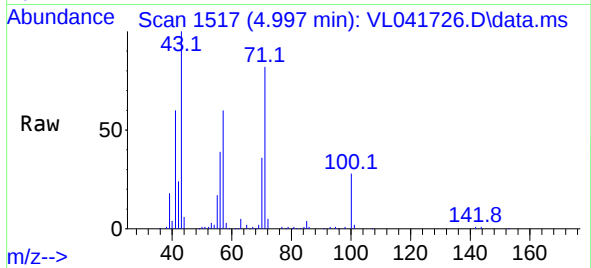
#25
Ethyl Acetate
Concen: 2.010 ppbv
RT: 4.997 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL041726.D
Acq: 11 Dec 2024 17:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 43 Resp: 8676
Ion Ratio Lower Upper
43 100
45 0.2 0.0 0.0
61 0.6 0.4 0.6
70 38.9 29.4 44.2

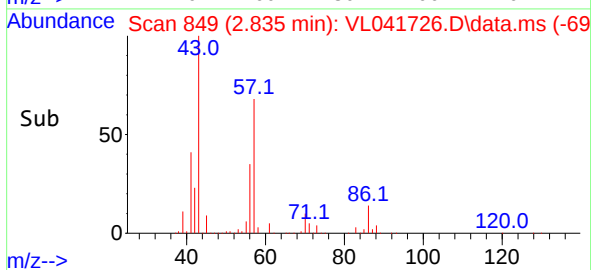
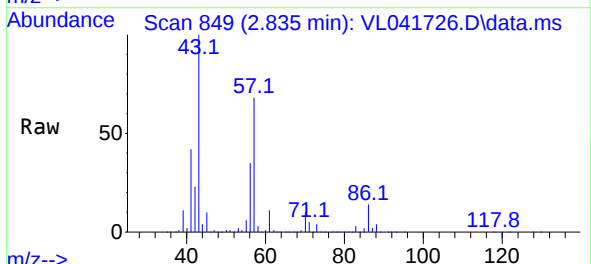
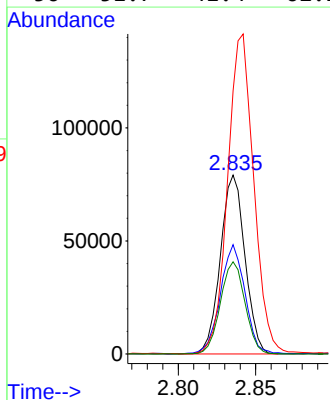
Manual Integrations
APPROVED

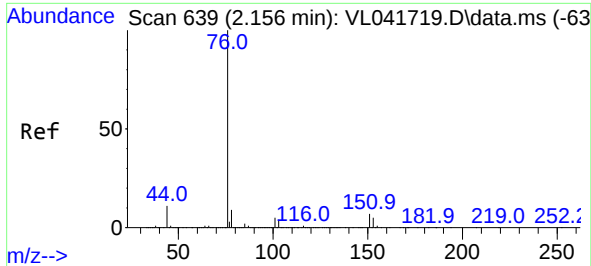
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#26
Hexane
Concen: 2.082 ppbv
RT: 2.835 min Scan# 849
Delta R.T. 0.003 min
Lab File: VL041726.D
Acq: 11 Dec 2024 17:54

Tgt Ion: 57 Resp: 87180
Ion Ratio Lower Upper
57 100
41 62.1 49.6 74.4
43 192.2 150.4 225.6
56 51.7 41.4 62.2





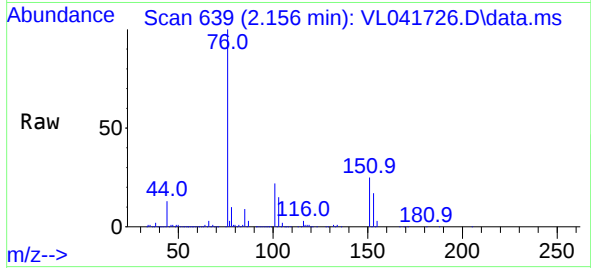
#27
Carbon Disulfide
Concen: 2.400 ppbv
RT: 2.156 min Scan# 639
Delta R.T. -0.000 min
Lab File: VL041726.D
Acq: 11 Dec 2024 17:54

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002



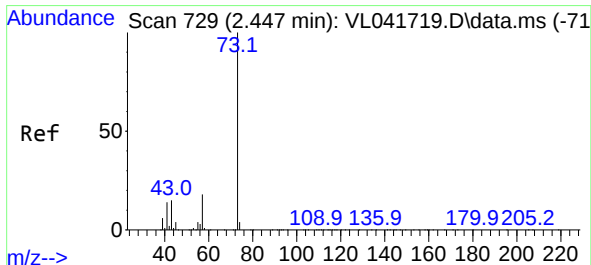
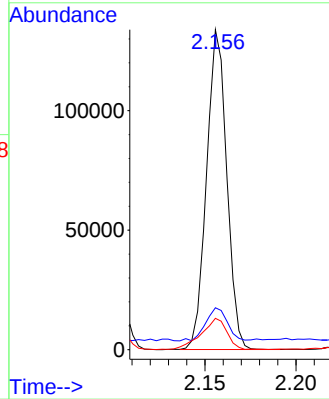
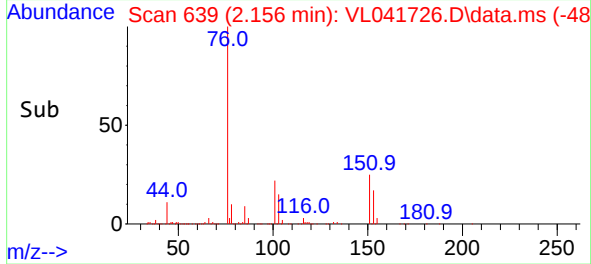
Tgt Ion: 76 Resp: 103468
Ion Ratio Lower Upper
76 100
44 11.9 9.6 14.4
78 12.3 9.4 14.2

Manual Integrations

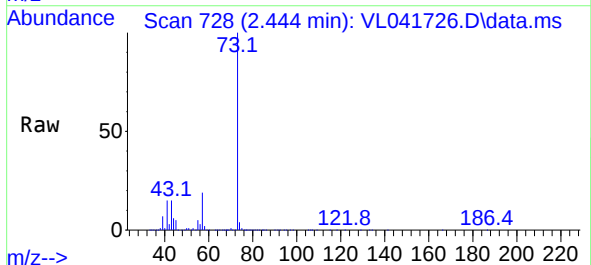
APPROVED

Reviewed By :Mahesh Dadoda 12/13/2024

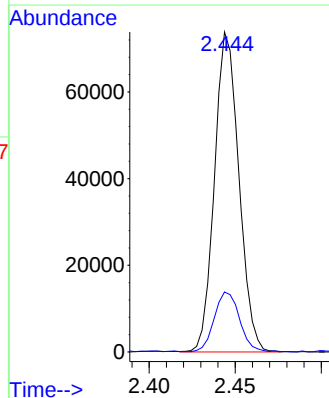
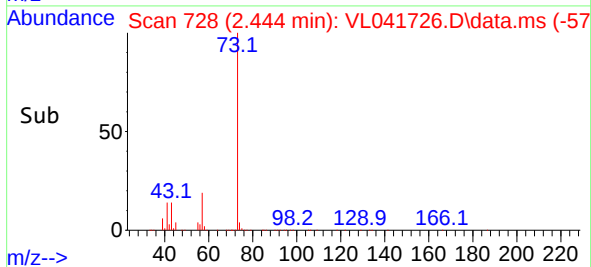
Supervised By :Semsettin Yesilyurt 12/13/2024

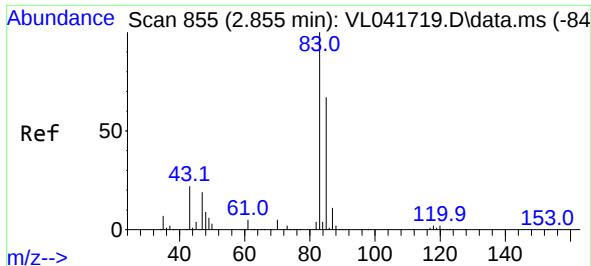


#28
Methyl tert-Butyl Ether
Concen: 2.313 ppbv
RT: 2.444 min Scan# 728
Delta R.T. -0.003 min
Lab File: VL041726.D
Acq: 11 Dec 2024 17:54



Tgt Ion: 73 Resp: 72715
Ion Ratio Lower Upper
73 100
57 19.4 10.6 16.0#





#29

Chloroform

Concen: 2.067 ppbv

RT: 2.855 min Scan# 855

Delta R.T. -0.000 min

Lab File: VL041726.D

Acq: 11 Dec 2024 17:54

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

Tgt Ion: 83 Resp: 132440

Ion Ratio Lower Upper

83 100

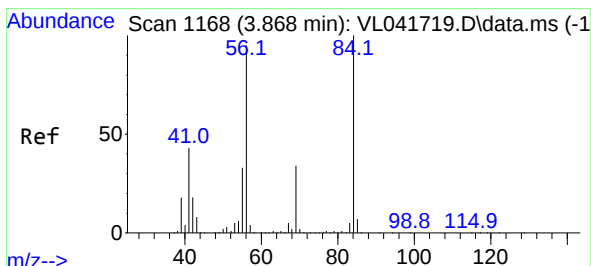
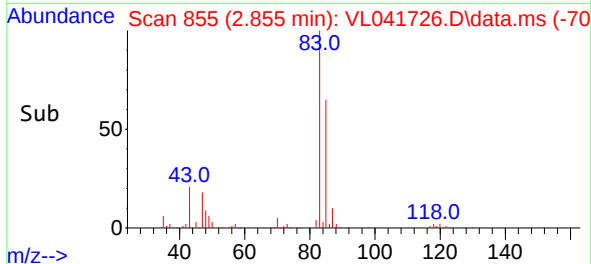
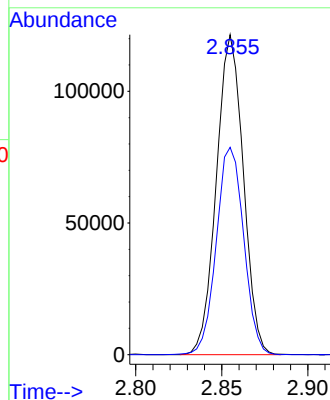
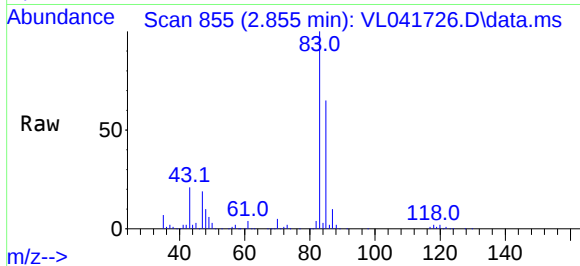
85 64.8 53.6 80.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/13/2024

Supervised By :Semsettin Yesilyurt 12/13/2024



#30

Cyclohexane

Concen: 2.305 ppbv

RT: 3.871 min Scan# 1169

Delta R.T. 0.003 min

Lab File: VL041726.D

Acq: 11 Dec 2024 17:54

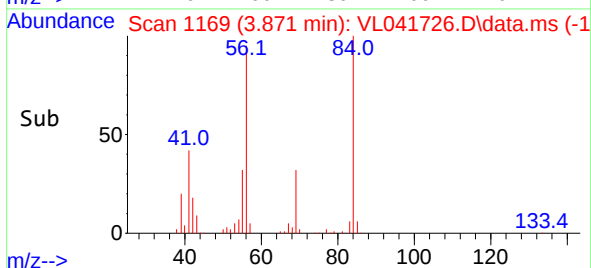
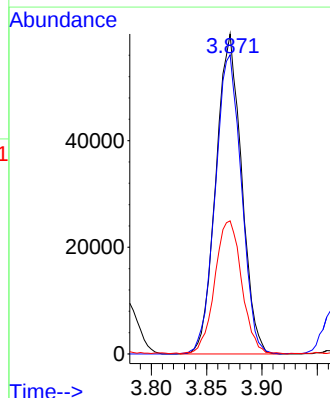
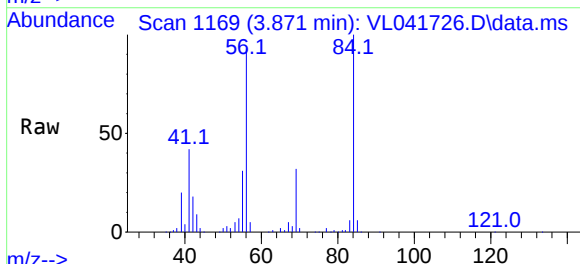
Tgt Ion: 84 Resp: 96522

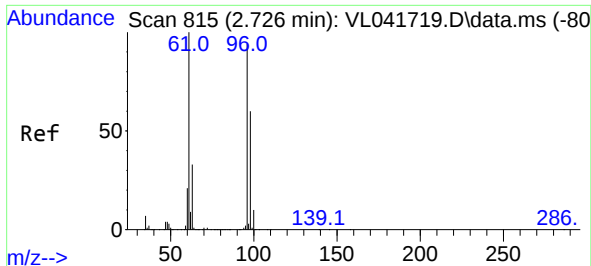
Ion Ratio Lower Upper

84 100

56 95.4 76.0 114.0

41 43.7 34.2 51.4





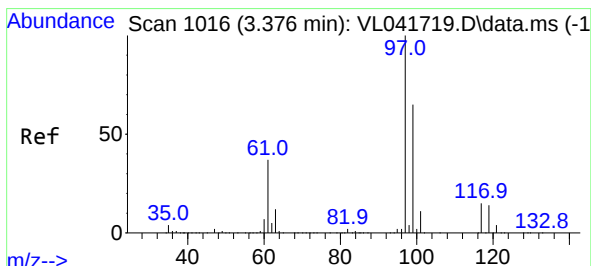
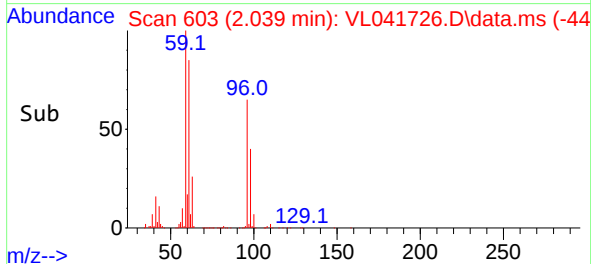
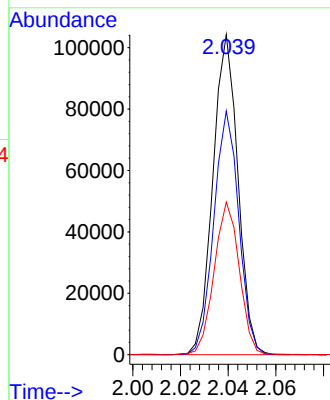
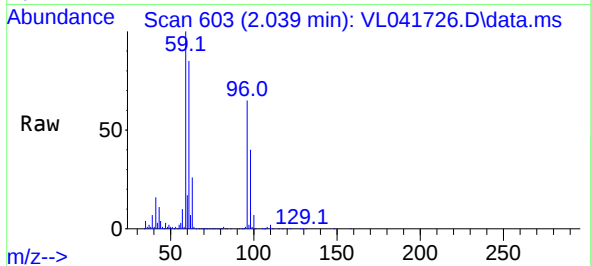
#31
cis-1,2-Dichloroethene
Concen: 2.067 ppbv
RT: 2.039 min Scan# 603
Delta R.T. 0.003 min
Lab File: VL041726.D
Acq: 11 Dec 2024 17:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion: 61 Resp: 76050
Ion Ratio Lower Upper
61 100
96 76.1 55.9 83.9
98 47.6 35.4 53.0

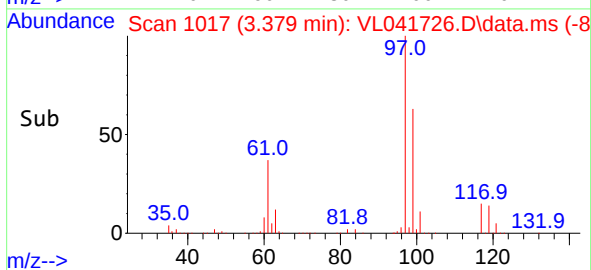
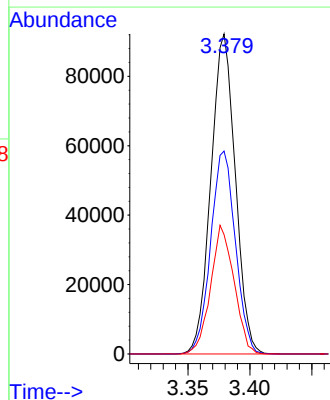
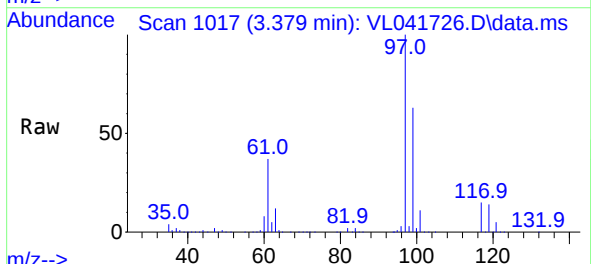
Manual Integrations
APPROVED

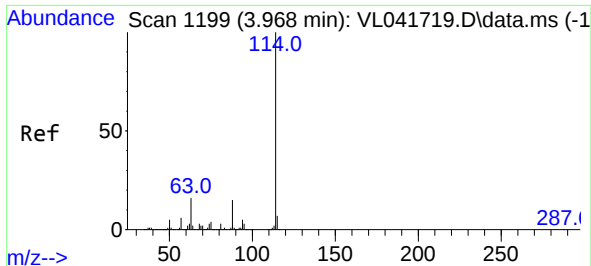
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#32
1,1,1-Trichloroethane
Concen: 2.011 ppbv
RT: 3.379 min Scan# 1017
Delta R.T. 0.003 min
Lab File: VL041726.D
Acq: 11 Dec 2024 17:54

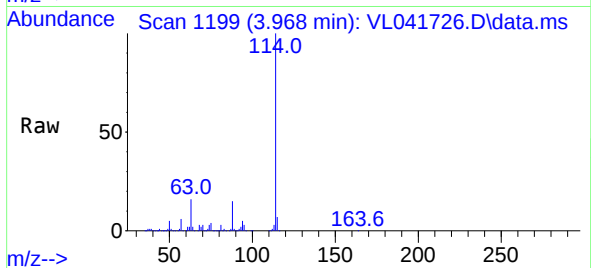
Tgt Ion: 97 Resp: 126716
Ion Ratio Lower Upper
97 100
99 64.2 52.2 78.2
61 38.6 29.8 44.8





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.968 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VL041726.D
Acq: 11 Dec 2024 17:54

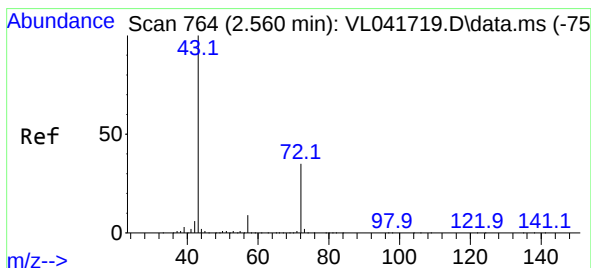
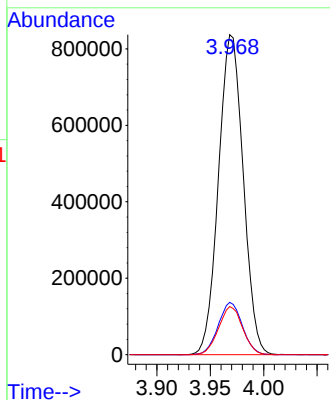
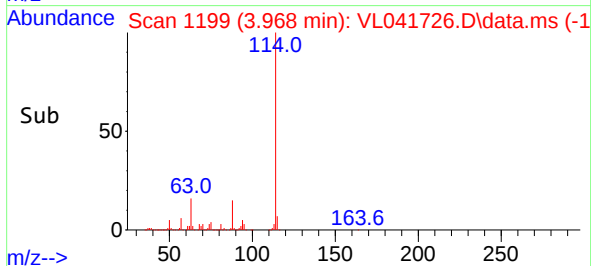
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion:114 Resp: 1347070
Ion Ratio Lower Upper
114 100
63 16.0 12.9 19.3
88 14.7 11.8 17.6

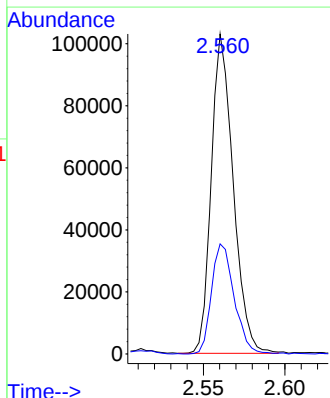
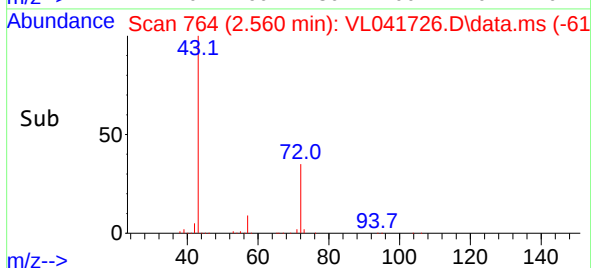
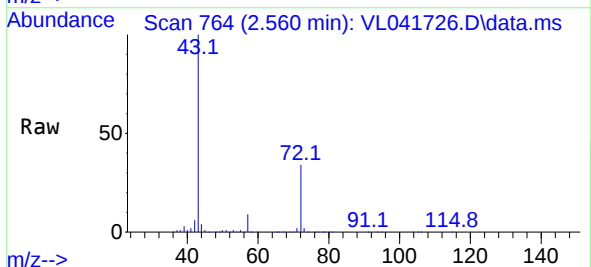
Manual Integrations
APPROVED

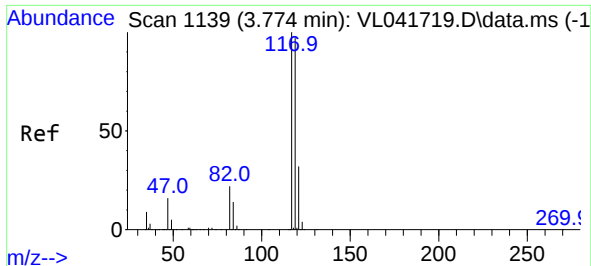
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#34
2-Butanone
Concen: 2.041 ppbv
RT: 2.560 min Scan# 764
Delta R.T. -0.000 min
Lab File: VL041726.D
Acq: 11 Dec 2024 17:54

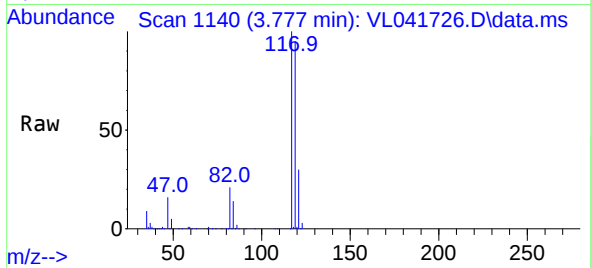
Tgt Ion: 43 Resp: 96249
Ion Ratio Lower Upper
43 100
72 35.9 28.3 42.5





#35
Carbon Tetrachloride
Concen: 2.043 ppbv
RT: 3.777 min Scan# 1139
Delta R.T. 0.003 min
Lab File: VL041726.D
Acq: 11 Dec 2024 17:54

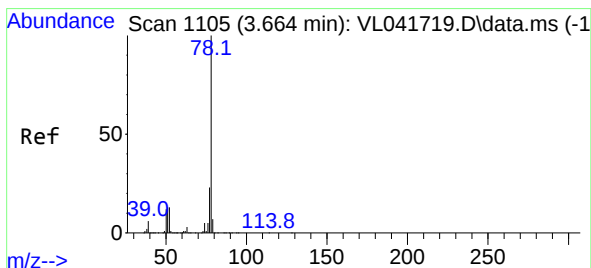
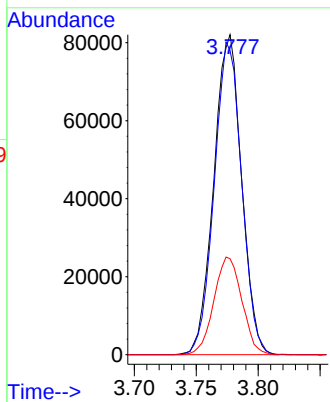
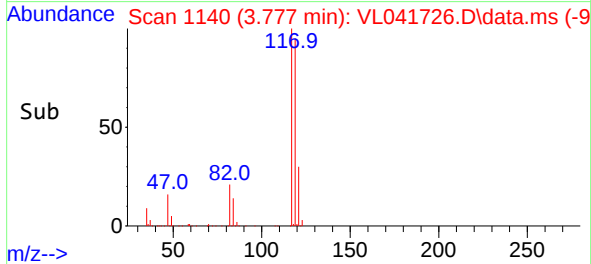
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion: 117 Resp: 12827
Ion Ratio Lower Upper
117 100
119 95.1 77.7 116.5
121 30.0 25.5 38.3

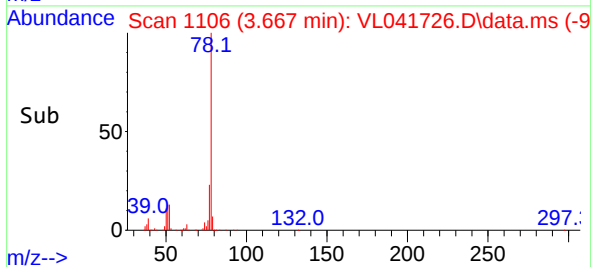
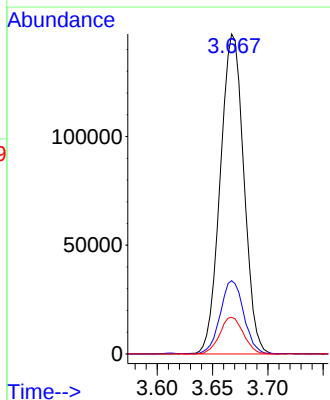
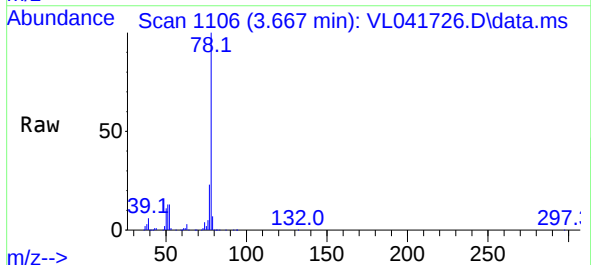
Manual Integrations
APPROVED

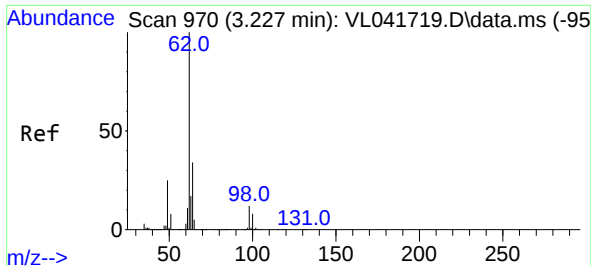
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#36
Benzene
Concen: 2.056 ppbv
RT: 3.667 min Scan# 1106
Delta R.T. 0.003 min
Lab File: VL041726.D
Acq: 11 Dec 2024 17:54

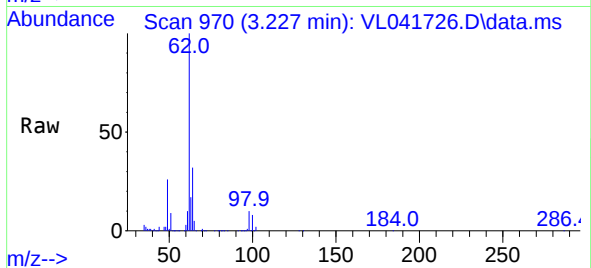
Tgt Ion: 78 Resp: 217777
Ion Ratio Lower Upper
78 100
77 22.9 18.6 27.8
50 11.5 9.5 14.3





#37
1,2-Dichloroethane
Concen: 2.068 ppbv
RT: 3.227 min Scan# 91
Delta R.T. -0.000 min
Lab File: VL041726.D
Acq: 11 Dec 2024 17:54

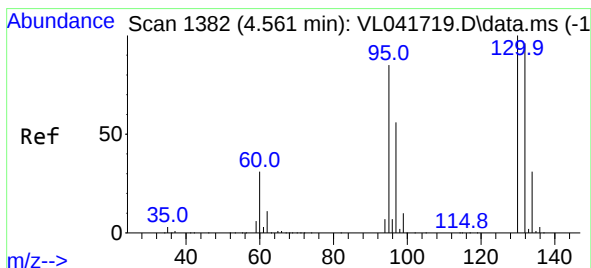
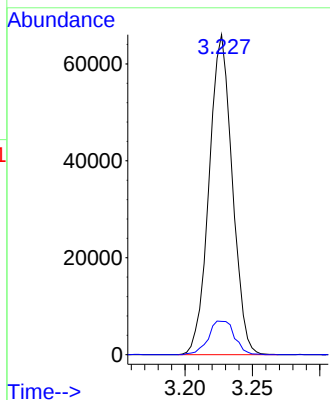
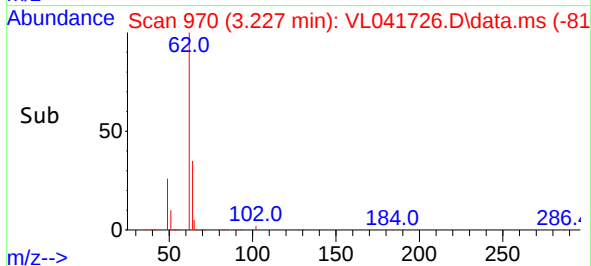
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion: 62 Resp: 79119
Ion Ratio Lower Upper
62 100
98 11.9 9.4 14.2

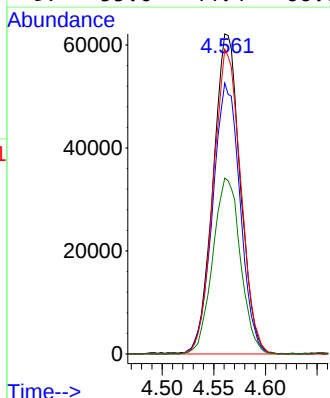
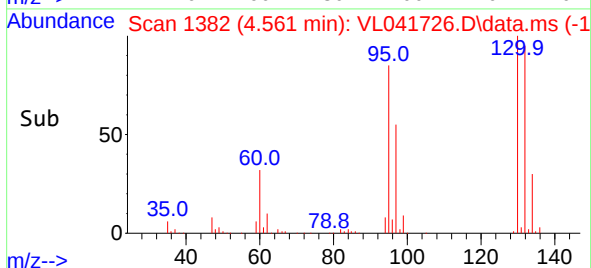
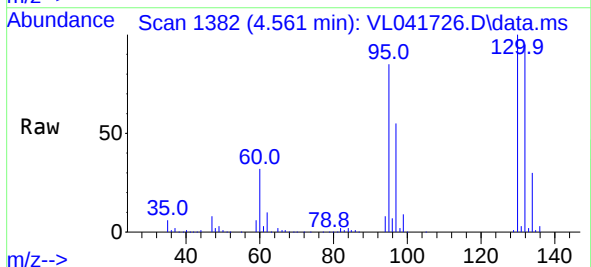
Manual Integrations
APPROVED

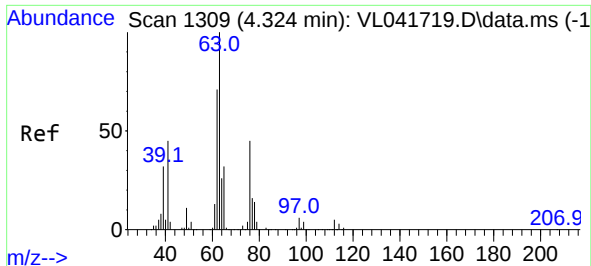
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#38
Trichloroethene
Concen: 2.062 ppbv
RT: 4.561 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VL041726.D
Acq: 11 Dec 2024 17:54

Tgt Ion:130 Resp: 113622
Ion Ratio Lower Upper
130 100
95 84.5 68.0 102.0
132 95.2 76.5 114.7
97 55.0 44.4 66.6





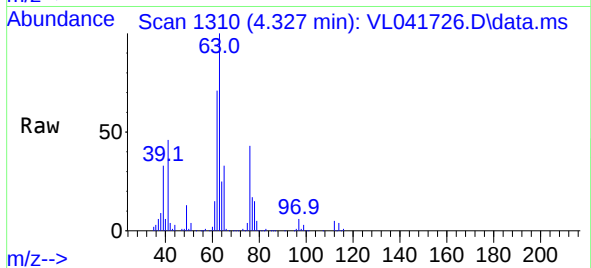
#39
1,2-Dichloropropane
Concen: 2.045 ppbv
RT: 4.327 min Scan# 1309
Delta R.T. 0.003 min
Lab File: VL041726.D
Acq: 11 Dec 2024 17:54

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

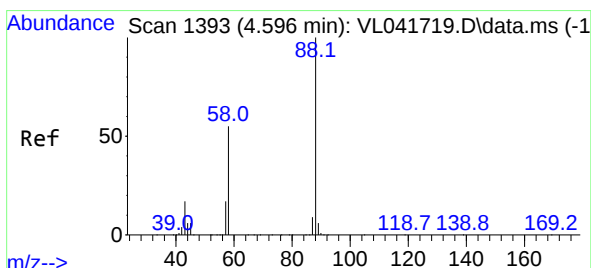
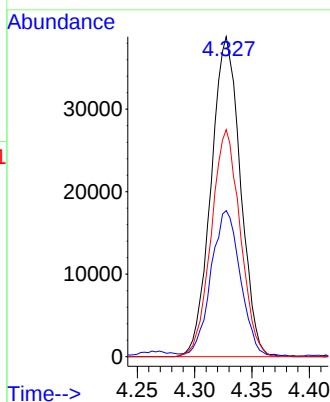
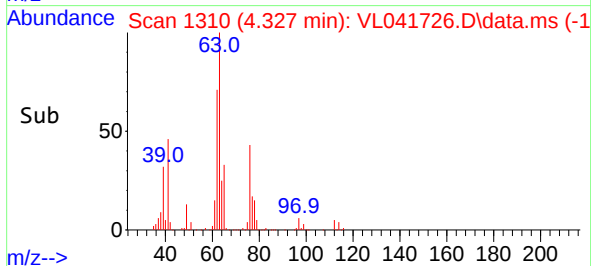


Tgt Ion: 63 Resp: 69002
Ion Ratio Lower Upper
63 100
41 45.2 36.4 54.6
62 71.0 56.6 85.0

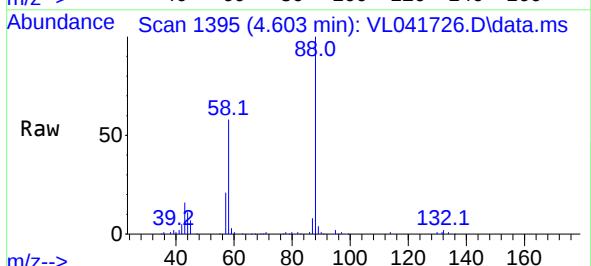
Manual Integrations

APPROVED

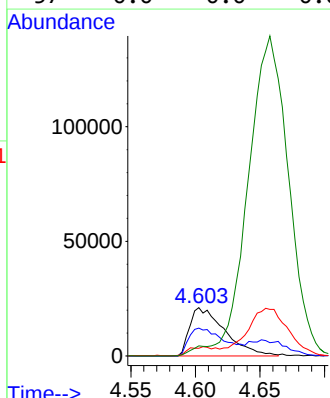
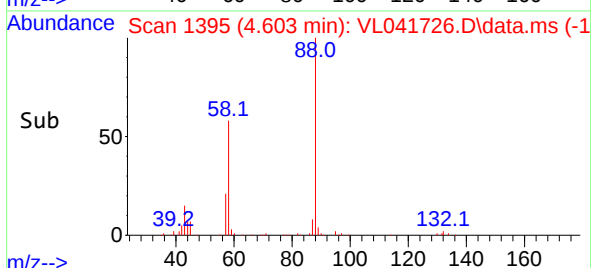
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

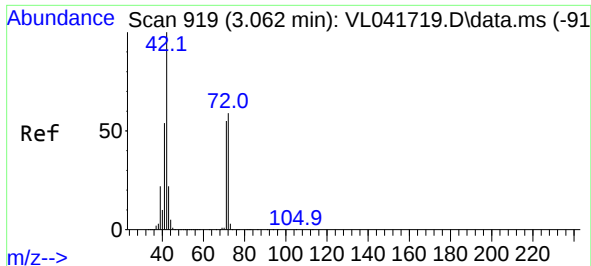


#40
1,4-Dioxane
Concen: 1.964 ppbv
RT: 4.603 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VL041726.D
Acq: 11 Dec 2024 17:54



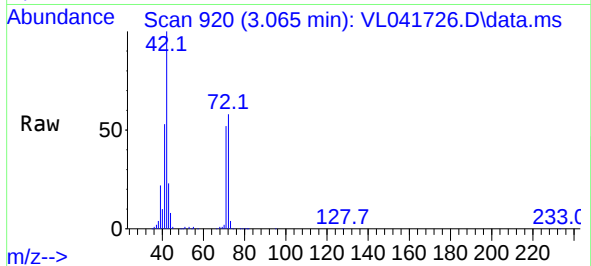
Tgt Ion: 88 Resp: 39991
Ion Ratio Lower Upper
88 100
58 54.8 47.2 70.8
43 0.0 12.6 18.8#
57 0.0 0.0 0.0





#41
Tetrahydrofuran
Concen: 2.029 ppbv
RT: 3.065 min Scan# 919
Delta R.T. 0.003 min
Lab File: VL041726.D
Acq: 11 Dec 2024 17:54

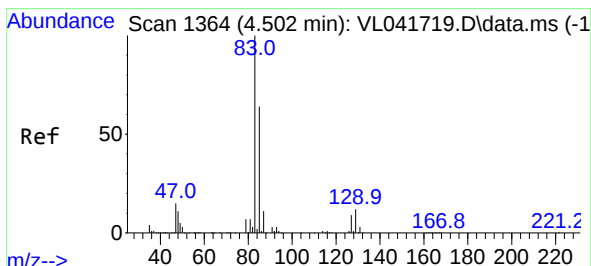
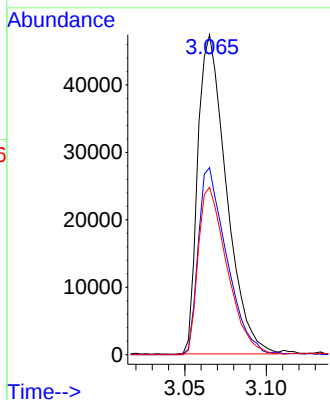
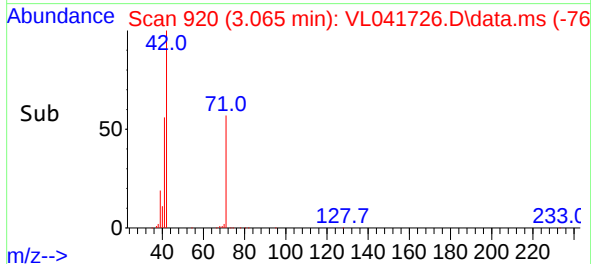
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



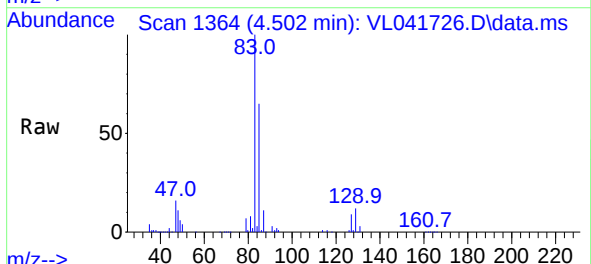
Tgt Ion: 42 Resp: 57679
Ion Ratio Lower Upper
42 100
72 58.8 47.4 71.2
71 53.5 44.4 66.6

Manual Integrations
APPROVED

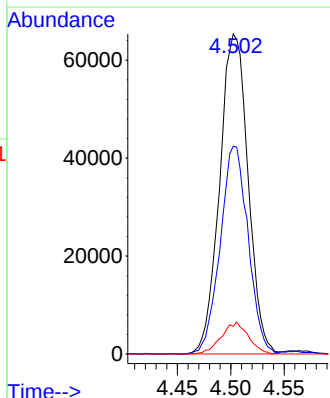
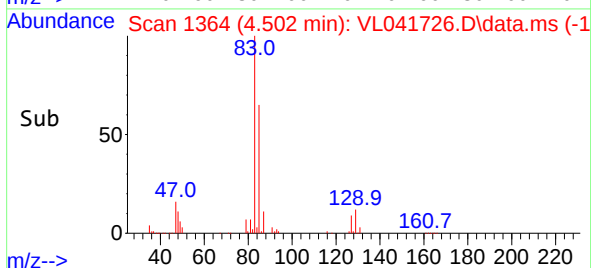
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

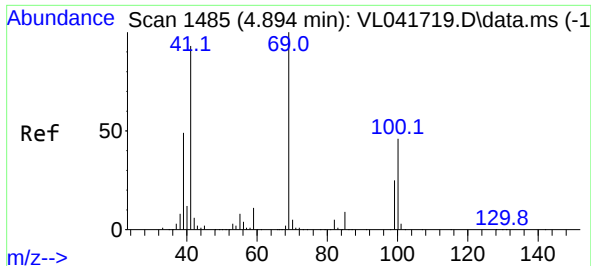


#42
Bromodichloromethane
Concen: 1.959 ppbv
RT: 4.502 min Scan# 1364
Delta R.T. -0.000 min
Lab File: VL041726.D
Acq: 11 Dec 2024 17:54



Tgt Ion: 83 Resp: 120984
Ion Ratio Lower Upper
83 100
85 64.9 51.0 76.6
127 8.6 7.6 11.4





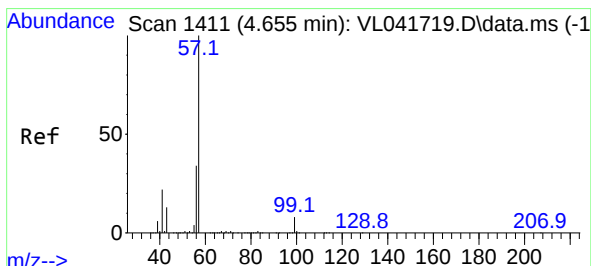
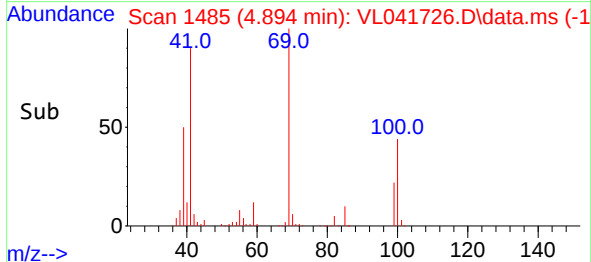
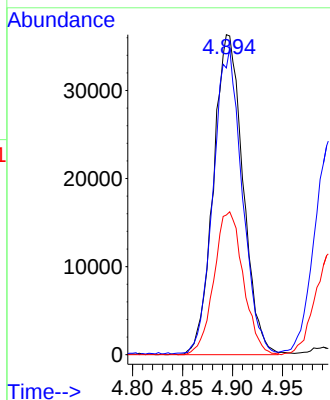
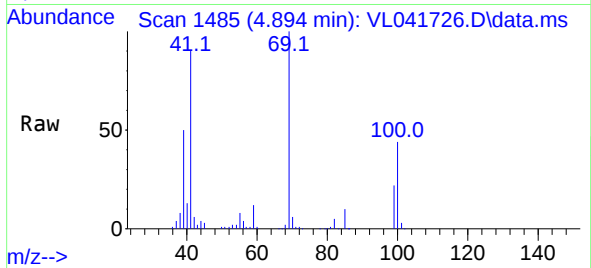
#43
Methyl Methacrylate
Concen: 1.962 ppbv
RT: 4.894 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VL041726.D
Acq: 11 Dec 2024 17:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 69 Resp: 7486
Ion Ratio Lower Upper
69 100
41 93.1 74.7 112.1
100 44.2 35.4 53.2

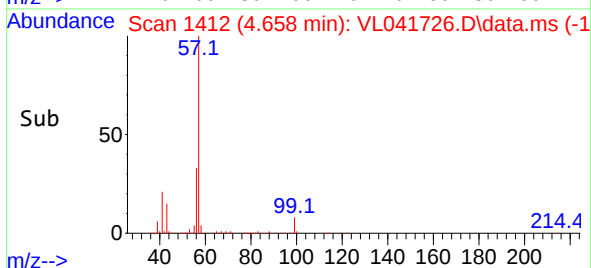
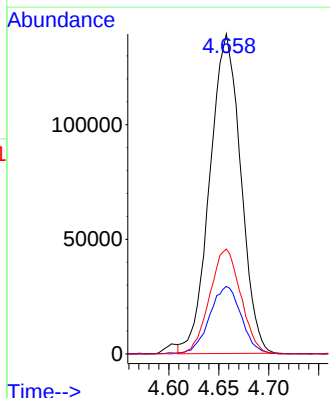
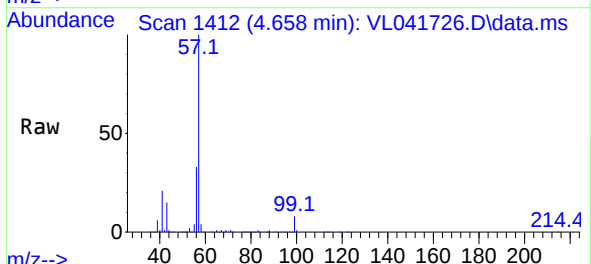
Manual Integrations
APPROVED

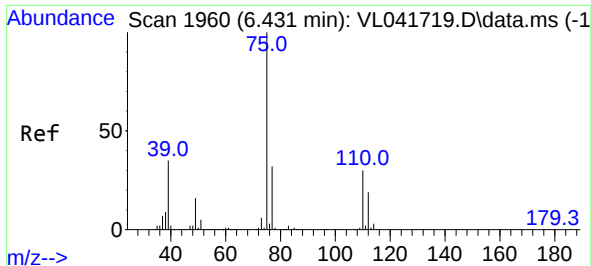
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#44
2,2,4-Trimethylpentane
Concen: 2.037 ppbv
RT: 4.658 min Scan# 1412
Delta R.T. 0.003 min
Lab File: VL041726.D
Acq: 11 Dec 2024 17:54

Tgt Ion: 57 Resp: 300322
Ion Ratio Lower Upper
57 100
41 21.6 17.4 26.0
56 33.1 26.6 40.0





#45

t-1,3-Dichloropropene

Concen: 1.935 ppbv

RT: 5.616 min Scan# 11

Delta R.T. -0.000 min

Lab File: VL041726.D

Acq: 11 Dec 2024 17:54

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion: 75 Resp: 95584

Ion Ratio Lower Upper

75 100

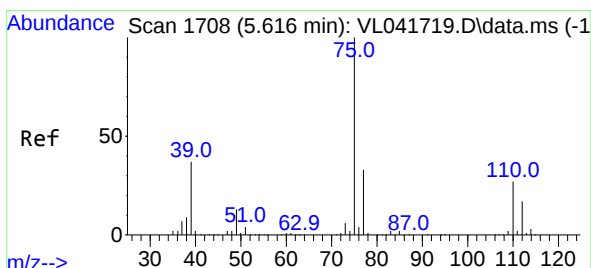
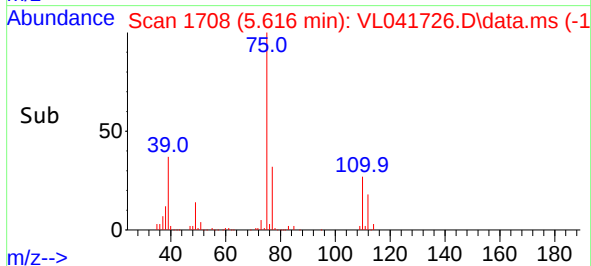
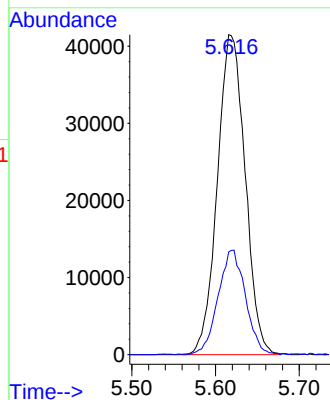
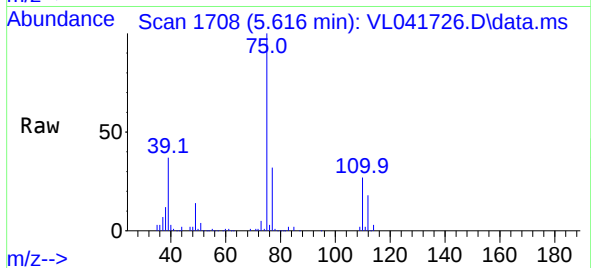
77 32.1 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/13/2024

Supervised By :Semsettin Yesilyurt 12/13/2024



#46

cis-1,3-Dichloropropene

Concen: 1.825 ppbv

RT: 6.431 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VL041726.D

Acq: 11 Dec 2024 17:54

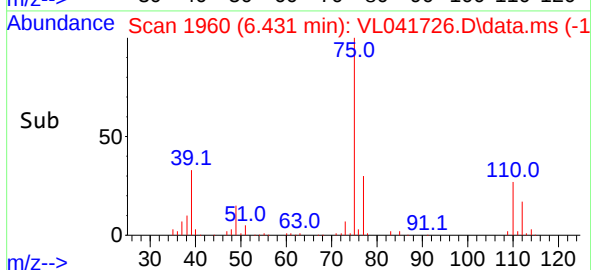
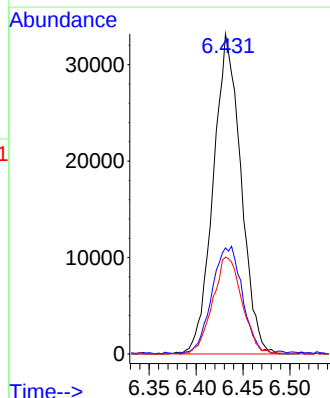
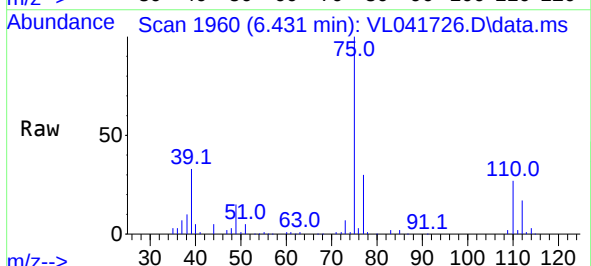
Tgt Ion: 75 Resp: 67982

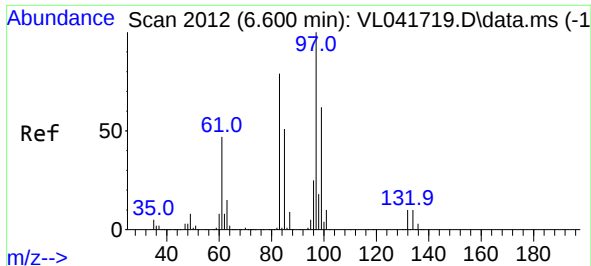
Ion Ratio Lower Upper

75 100

39 32.6 28.1 42.1

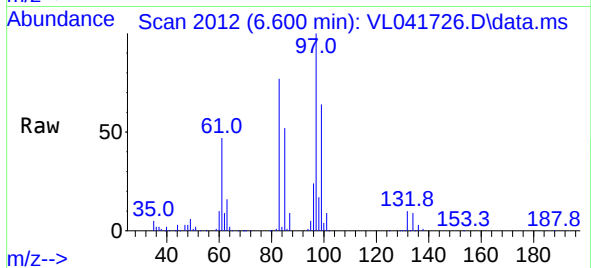
77 30.3 25.8 38.6





#47
1,1,2-Trichloroethane
Concen: 2.007 ppbv
RT: 6.600 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VL041726.D
Acq: 11 Dec 2024 17:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

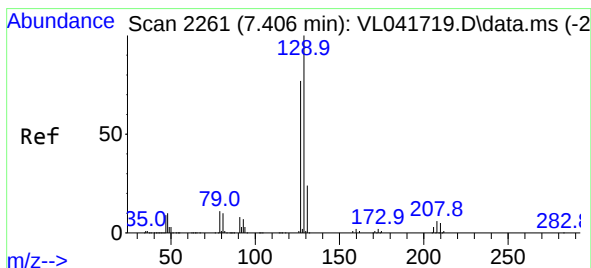
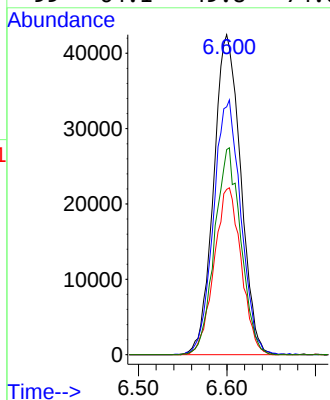
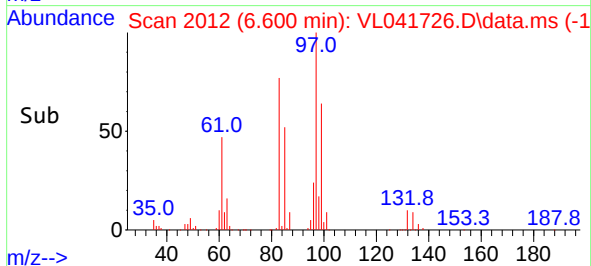


Tgt Ion: 97 Resp: 90200

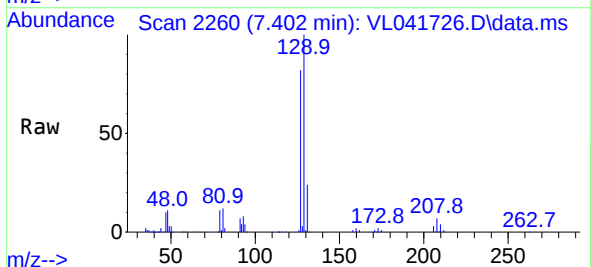
Ion	Ratio	Lower	Upper
97	100		
83	77.3	63.0	94.4
85	51.6	41.0	61.6
99	64.1	49.8	74.6

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

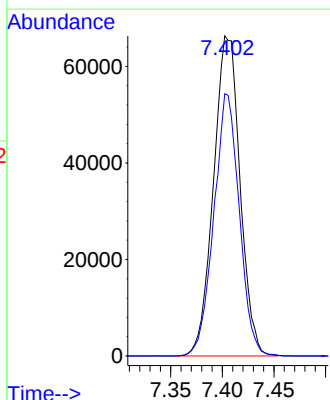
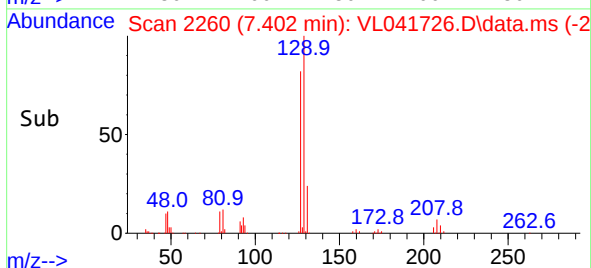


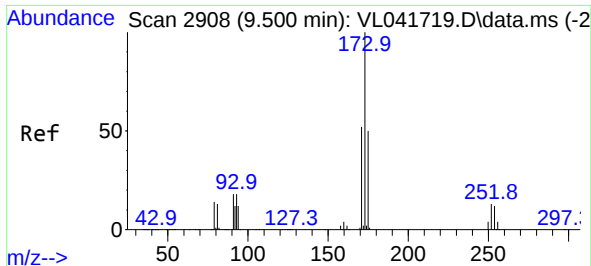
#48
Dibromochloromethane
Concen: 1.834 ppbv
RT: 7.402 min Scan# 2260
Delta R.T. -0.003 min
Lab File: VL041726.D
Acq: 11 Dec 2024 17:54



Tgt Ion:129 Resp: 118747

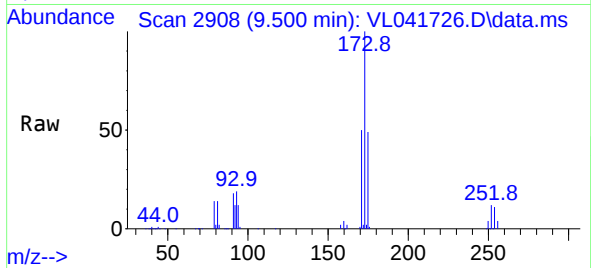
Ion	Ratio	Lower	Upper
129	100		
127	78.5	38.6	115.7





#49
Bromoform
Concen: 1.834 ppbv
RT: 9.500 min Scan# 2908
Delta R.T. -0.000 min
Lab File: VL041726.D
Acq: 11 Dec 2024 17:54

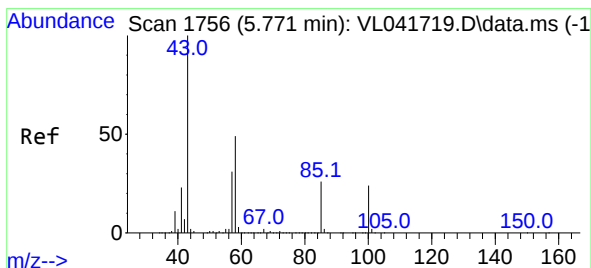
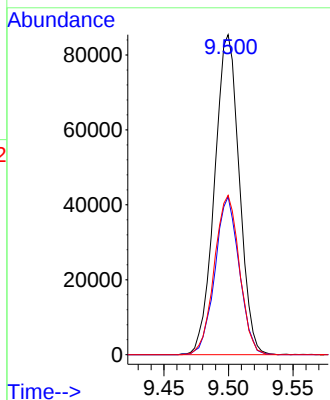
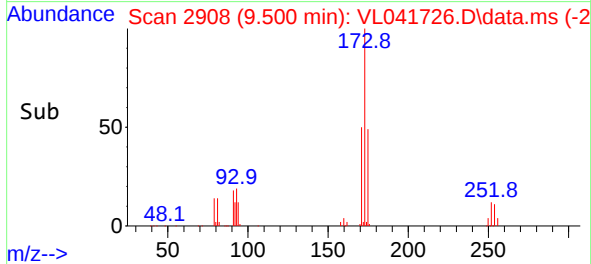
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



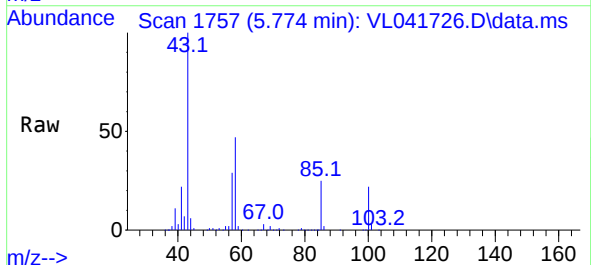
Tgt Ion:173 Resp: 113638
Ion Ratio Lower Upper
173 100
175 48.4 39.6 59.4
171 50.6 41.4 62.0

Manual Integrations
APPROVED

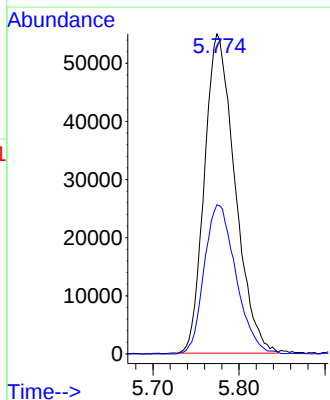
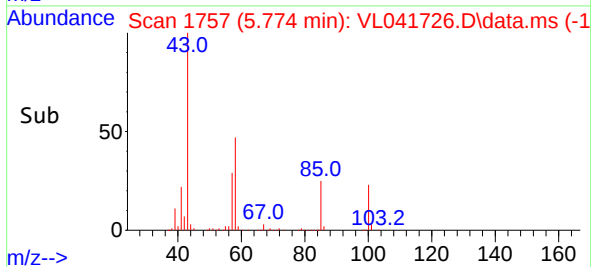
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

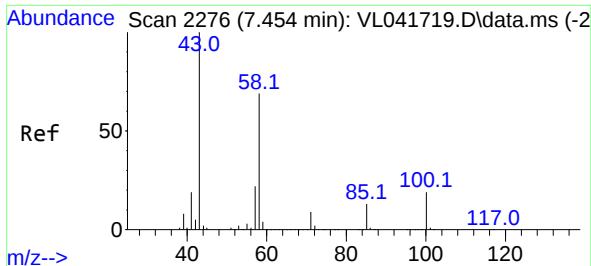


#50
4-Methyl-2-Pentanone
Concen: 1.999 ppbv
RT: 5.774 min Scan# 1757
Delta R.T. 0.003 min
Lab File: VL041726.D
Acq: 11 Dec 2024 17:54



Tgt Ion: 43 Resp: 135252
Ion Ratio Lower Upper
43 100
58 48.6 38.9 58.3





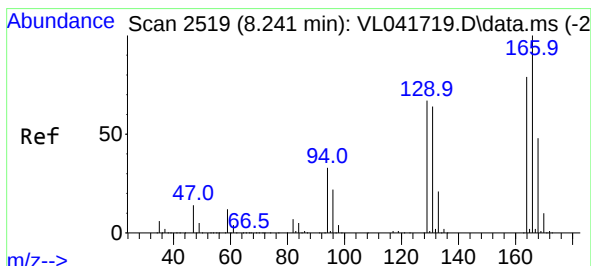
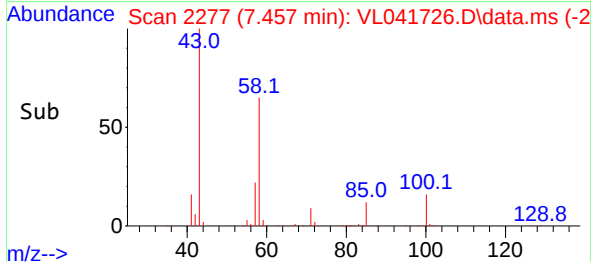
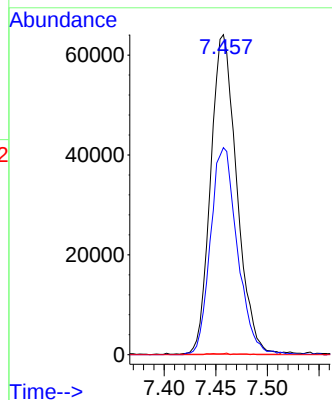
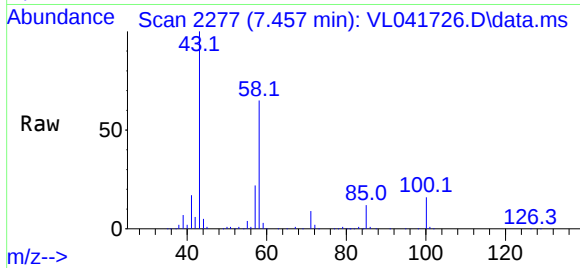
#51
2-Hexanone
Concen: 2.078 ppbv
RT: 7.457 min Scan# 2114
Delta R.T. 0.003 min
Lab File: VL041726.D
Acq: 11 Dec 2024 17:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 43 Resp: 11248
Ion Ratio Lower Upper
43 100
58 67.0 54.2 81.4
98 0.4 0.2 0.2

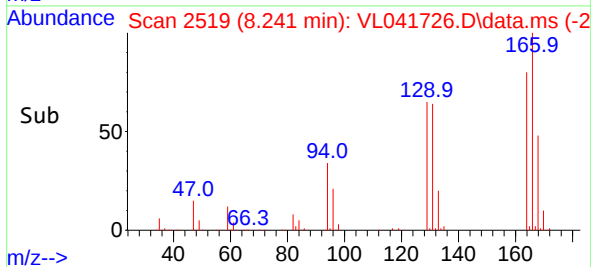
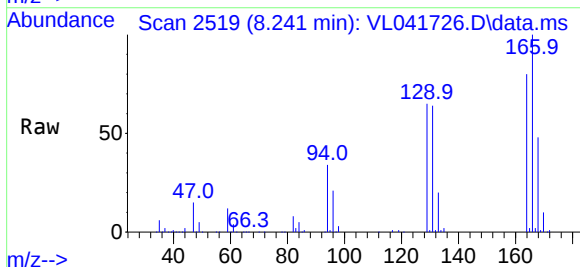
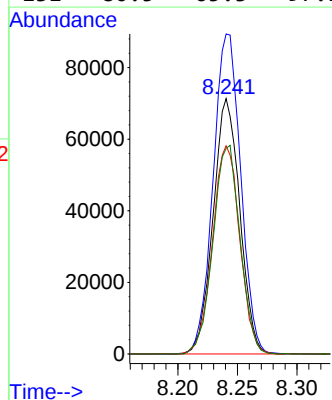
Manual Integrations
APPROVED

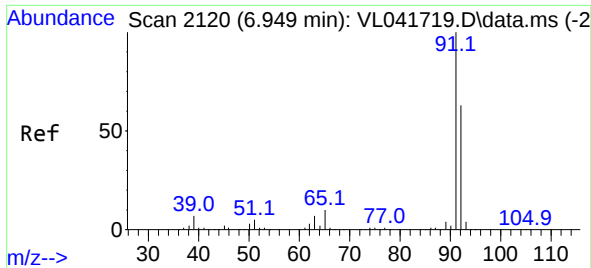
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#52
Tetrachloroethene
Concen: 1.984 ppbv
RT: 8.241 min Scan# 2519
Delta R.T. -0.000 min
Lab File: VL041726.D
Acq: 11 Dec 2024 17:54

Tgt Ion:164 Resp: 111296
Ion Ratio Lower Upper
164 100
166 125.1 101.4 152.0
129 81.5 67.6 101.4
131 80.5 65.3 97.9





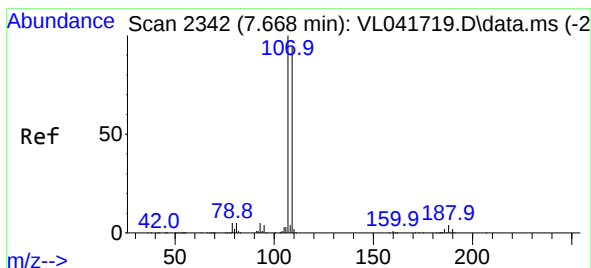
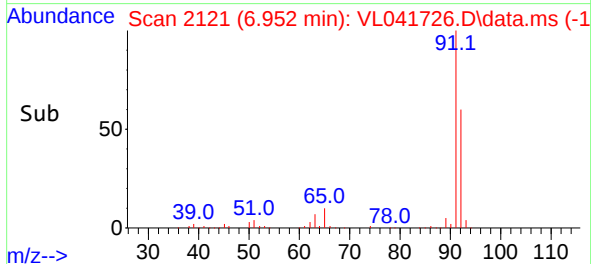
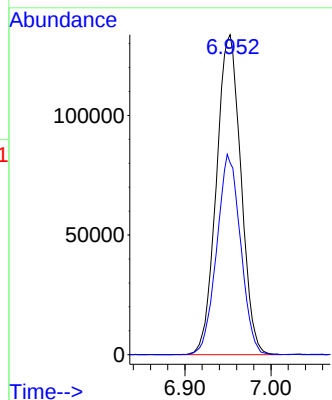
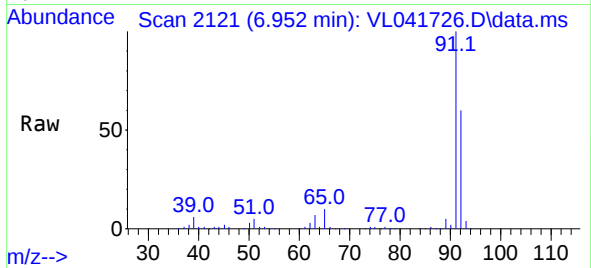
#53
Toluene
Concen: 2.034 ppbv
RT: 6.952 min Scan# 2121
Delta R.T. 0.003 min
Lab File: VL041726.D
Acq: 11 Dec 2024 17:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 91 Resp: 26469
Ion Ratio Lower Upper
91 100
92 61.0 49.7 74.5

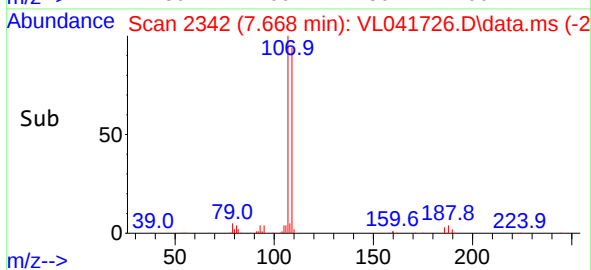
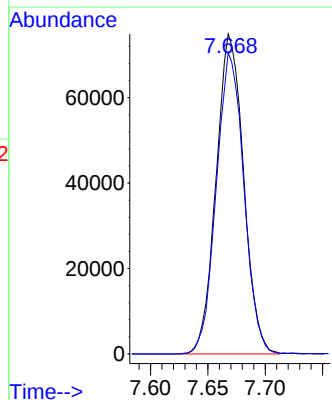
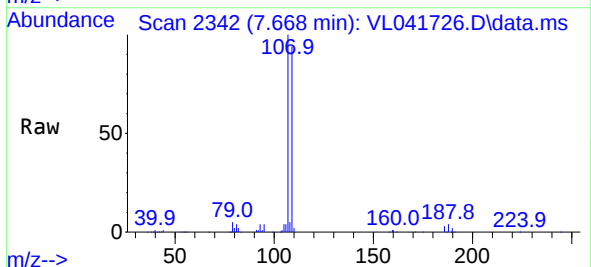
Manual Integrations
APPROVED

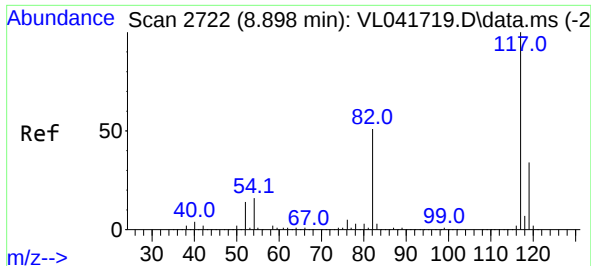
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#54
1,2-Dibromoethane
Concen: 2.032 ppbv
RT: 7.668 min Scan# 2342
Delta R.T. -0.000 min
Lab File: VL041726.D
Acq: 11 Dec 2024 17:54

Tgt Ion:107 Resp: 124833
Ion Ratio Lower Upper
107 100
109 94.1 75.5 113.3





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.898 min Scan# 2722
Delta R.T. -0.000 min
Lab File: VL041726.D
Acq: 11 Dec 2024 17:54

Instrument :

MSVOA_L

ClientSampleId :

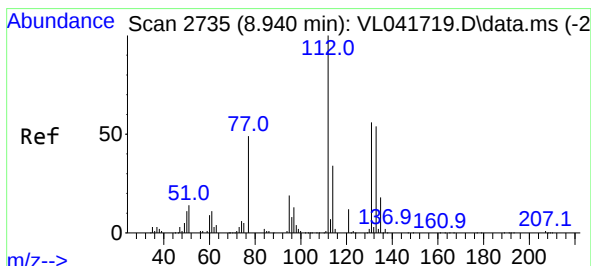
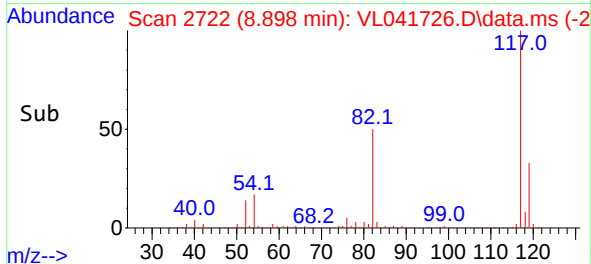
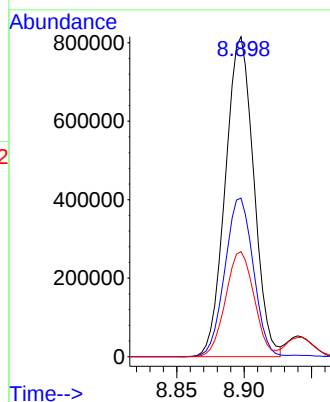
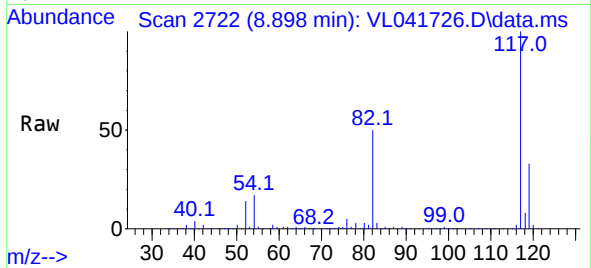
VSTDICC002

Tgt Ion:117 Resp: 1194750
Ion Ratio Lower Upper
117 100
82 50.2 41.3 61.9
119 33.9 25.8 38.8

Manual Integrations

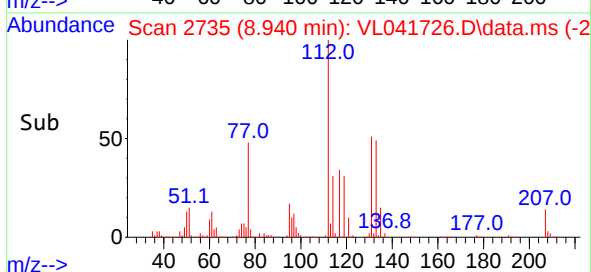
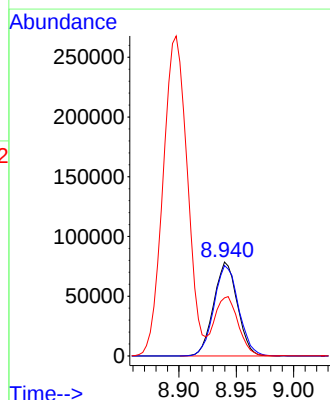
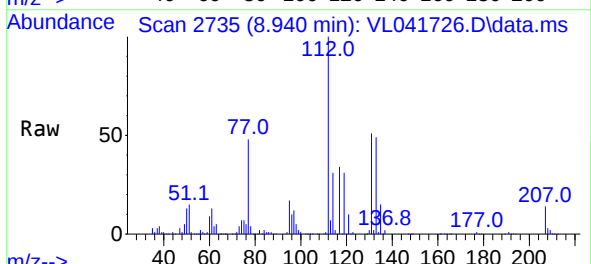
APPROVED

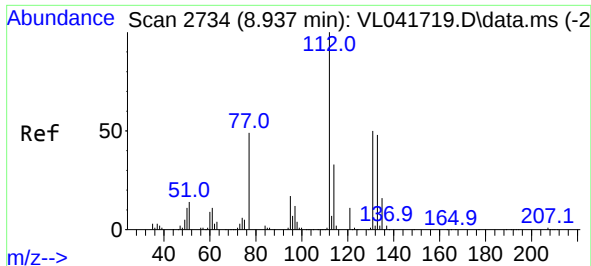
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#56
1,1,1,2-Tetrachloroethane
Concen: 2.031 ppbv
RT: 8.940 min Scan# 2735
Delta R.T. -0.000 min
Lab File: VL041726.D
Acq: 11 Dec 2024 17:54

Tgt Ion:131 Resp: 112810
Ion Ratio Lower Upper
131 100
133 100.5 76.9 115.3
119 59.8 52.6 78.8





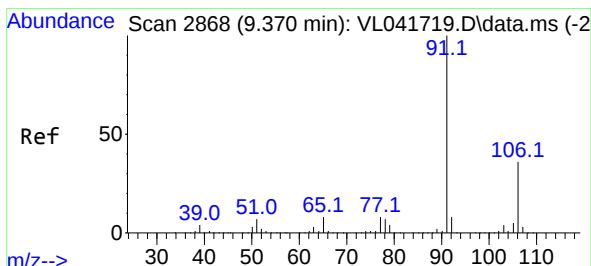
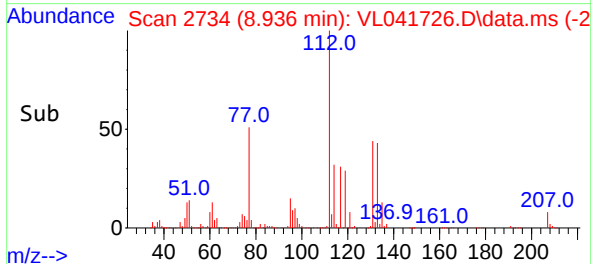
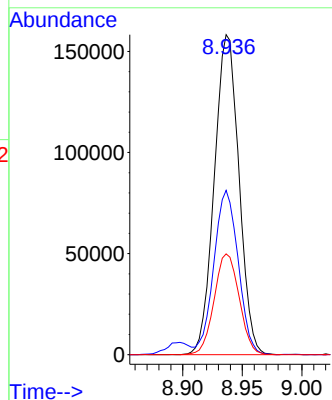
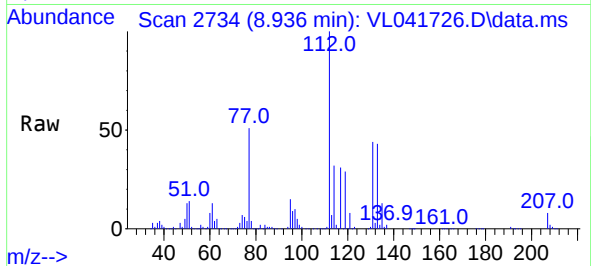
#57
Chlorobenzene
Concen: 2.093 ppbv
RT: 8.936 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL041726.D
Acq: 11 Dec 2024 17:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:112 Resp: 227568
Ion Ratio Lower Upper
112 100
77 51.3 40.1 60.1
114 31.5 30.2 36.9

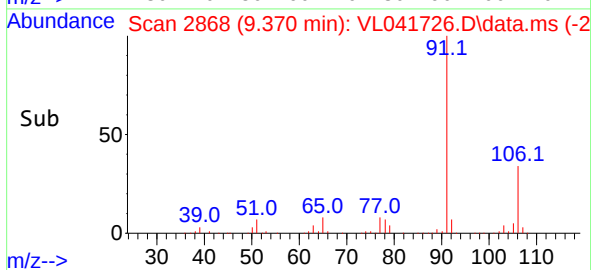
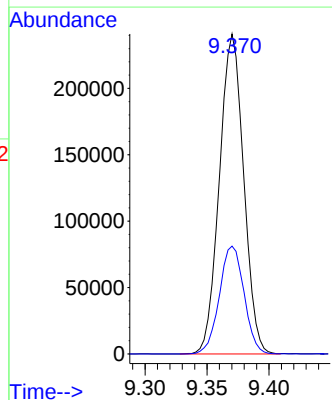
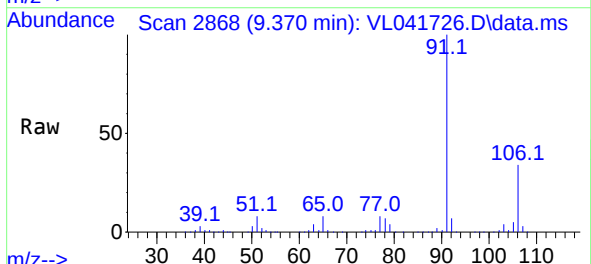
Manual Integrations
APPROVED

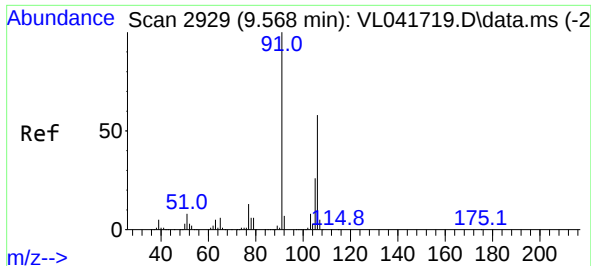
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#58
Ethyl Benzene
Concen: 2.058 ppbv
RT: 9.370 min Scan# 2868
Delta R.T. -0.000 min
Lab File: VL041726.D
Acq: 11 Dec 2024 17:54

Tgt Ion: 91 Resp: 328990
Ion Ratio Lower Upper
91 100
106 33.7 28.6 43.0





#59

m/p-Xylene

Concen: 4.125 ppbv m

RT: 9.564 min Scan# 2929

Delta R.T. -0.003 min

Lab File: VL041726.D

Acq: 11 Dec 2024 17:54

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion: 91 Resp: 50831

Ion Ratio Lower Upper

91 100

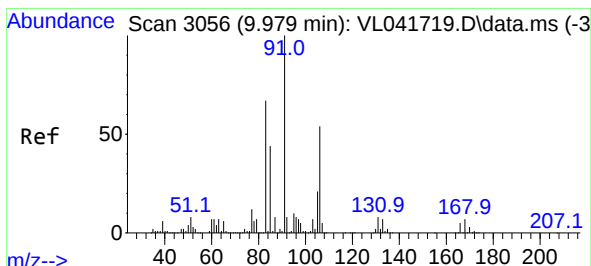
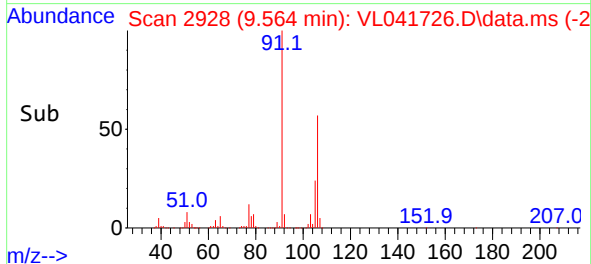
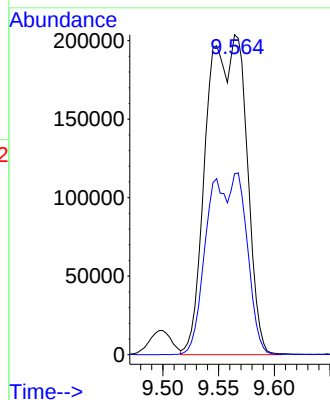
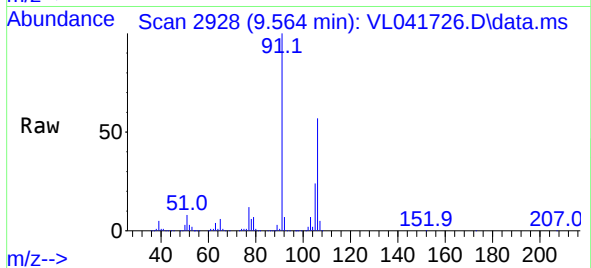
106 55.7 45.1 67.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/13/2024

Supervised By :Semsettin Yesilyurt 12/13/2024



#60

o-Xylene

Concen: 2.094 ppbv

RT: 9.979 min Scan# 3056

Delta R.T. -0.000 min

Lab File: VL041726.D

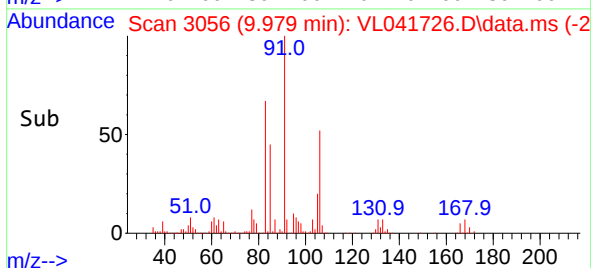
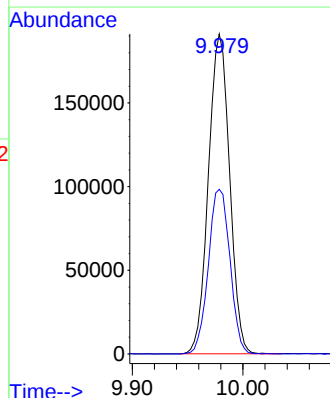
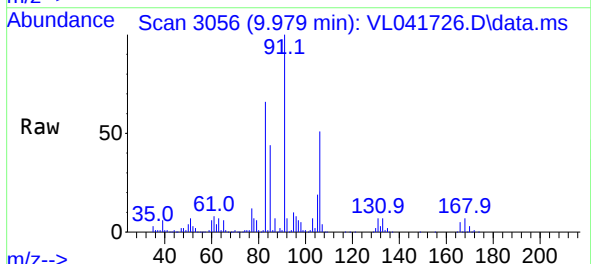
Acq: 11 Dec 2024 17:54

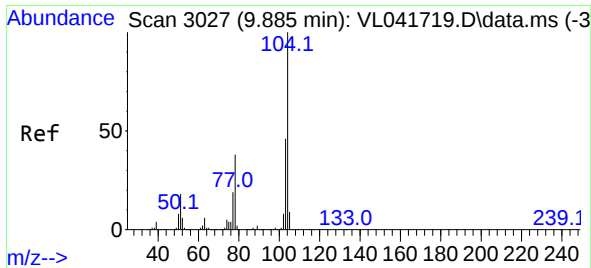
Tgt Ion: 91 Resp: 254307

Ion Ratio Lower Upper

91 100

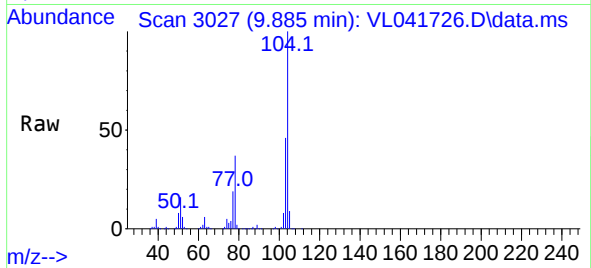
106 52.5 26.8 80.4





#61
Styrene
Concen: 1.987 ppbv
RT: 9.885 min Scan# 3027
Delta R.T. -0.000 min
Lab File: VL041726.D
Acq: 11 Dec 2024 17:54

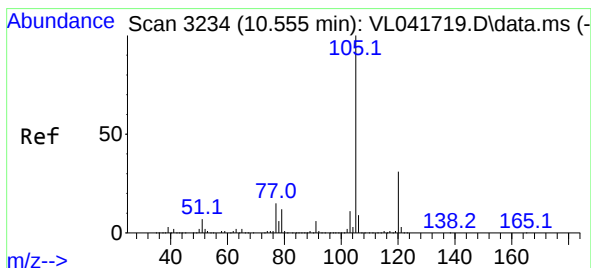
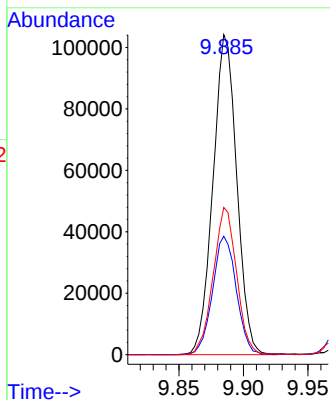
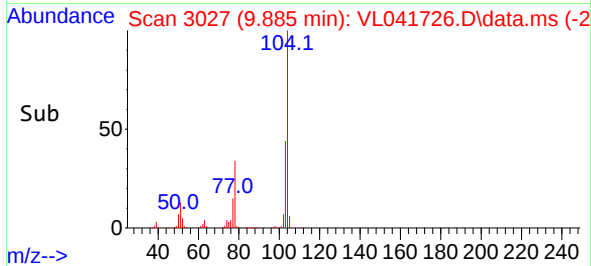
Instrument :
MSVOA_L
Client Sample Id :
VSTDICC002



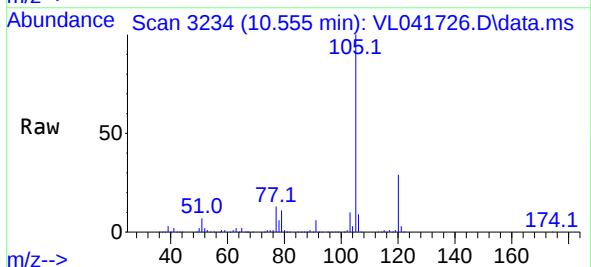
Tgt Ion:104 Resp: 133260
Ion Ratio Lower Upper
104 100
78 37.1 30.2 45.4
103 45.3 36.7 55.1

Manual Integrations
APPROVED

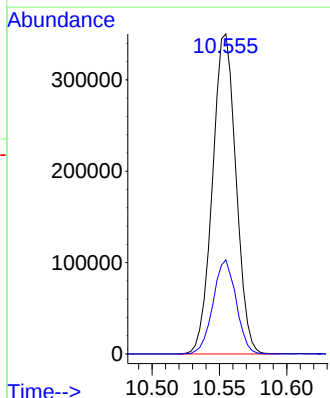
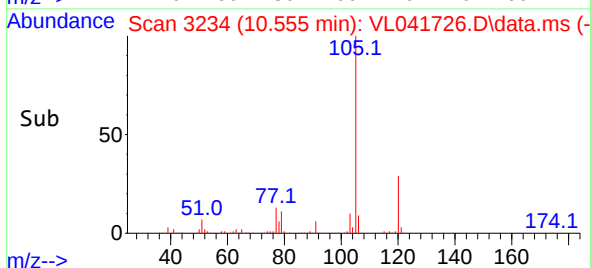
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

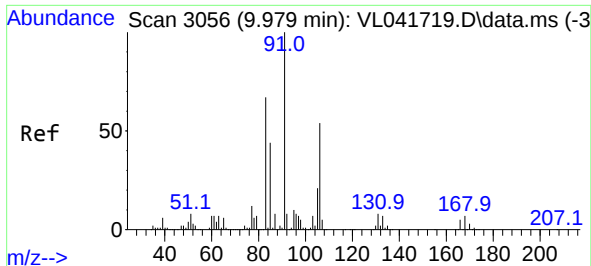


#62
Isopropylbenzene
Concen: 2.120 ppbv
RT: 10.555 min Scan# 3234
Delta R.T. -0.000 min
Lab File: VL041726.D
Acq: 11 Dec 2024 17:54



Tgt Ion:105 Resp: 424796
Ion Ratio Lower Upper
105 100
120 28.9 24.4 36.6





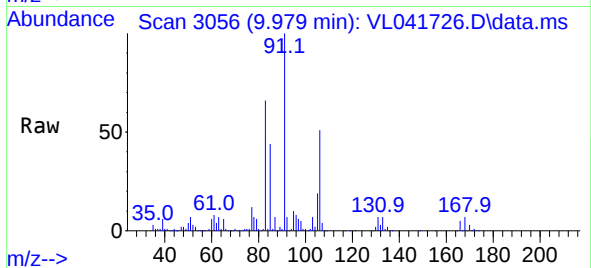
#63
1,1,2,2-Tetrachloroethane
Concen: 2.076 ppbv
RT: 9.979 min Scan# 3056
Delta R.T. -0.000 min
Lab File: VL041726.D
Acq: 11 Dec 2024 17:54

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

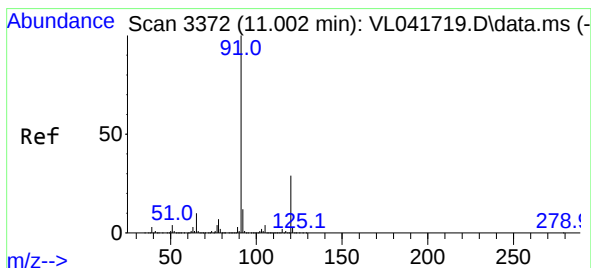
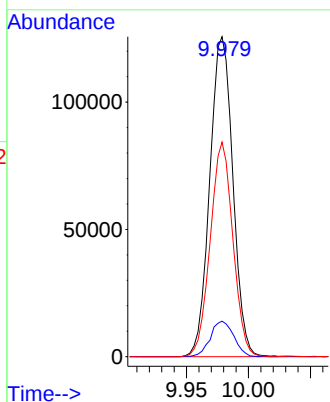
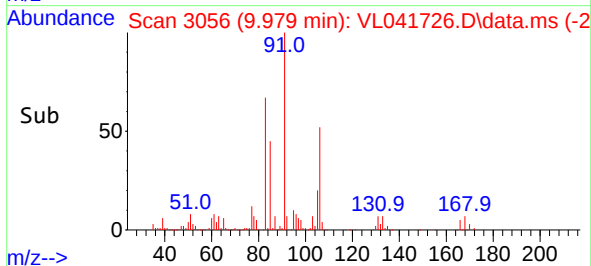


Tgt Ion: 83 Resp: 16319
Ion Ratio Lower Upper
83 100
131 11.3 5.9 17.6
85 65.9 32.8 98.4

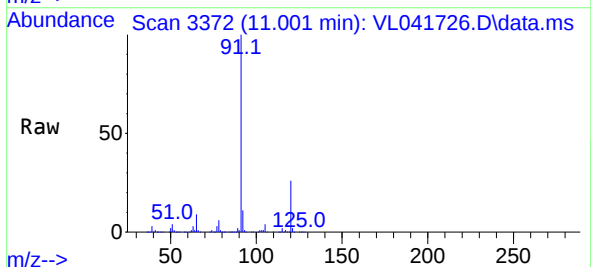
Manual Integrations

APPROVED

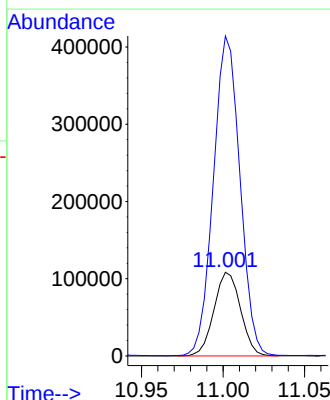
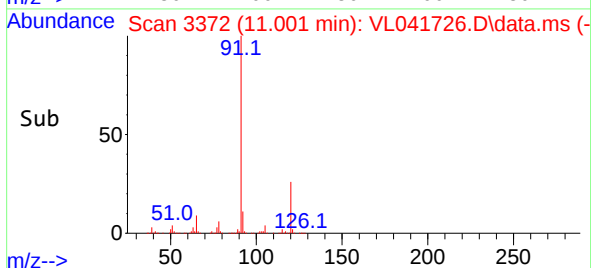
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

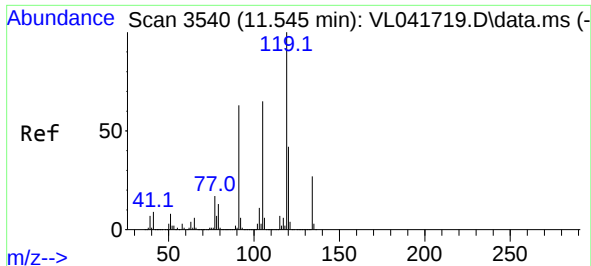


#64
n-propylbenzene
Concen: 2.075 ppbv
RT: 11.001 min Scan# 3372
Delta R.T. -0.000 min
Lab File: VL041726.D
Acq: 11 Dec 2024 17:54



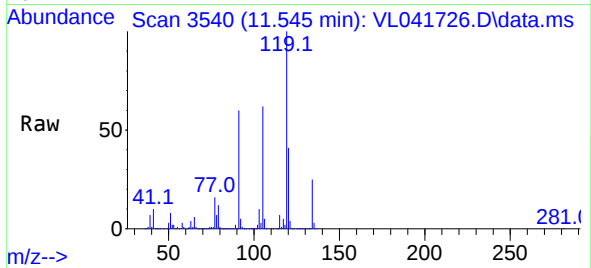
Tgt Ion:120 Resp: 122425
Ion Ratio Lower Upper
120 100
91 385.6 290.9 436.3





#65
tert-Butylbenzene
Concen: 2.110 ppbv
RT: 11.545 min Scan# 3540
Delta R.T. -0.000 min
Lab File: VL041726.D
Acq: 11 Dec 2024 17:54

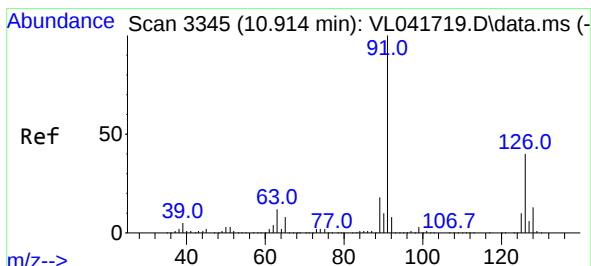
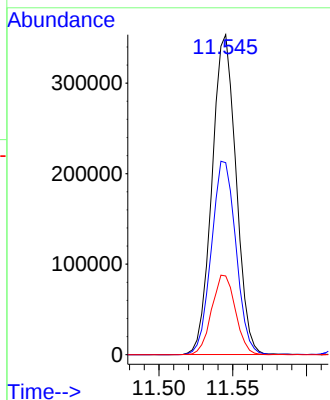
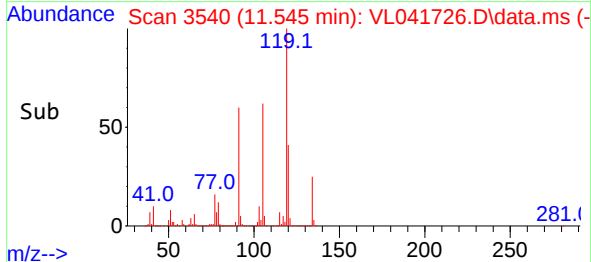
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



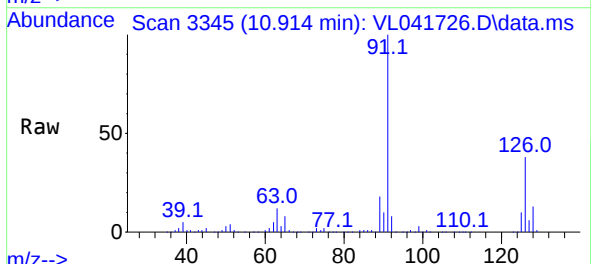
Tgt Ion:119 Resp: 400825
Ion Ratio Lower Upper
119 100
91 61.7 50.2 75.4
134 24.6 20.4 30.6

Manual Integrations
APPROVED

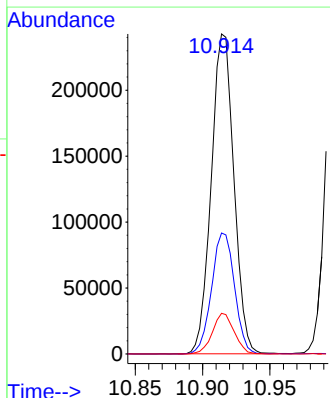
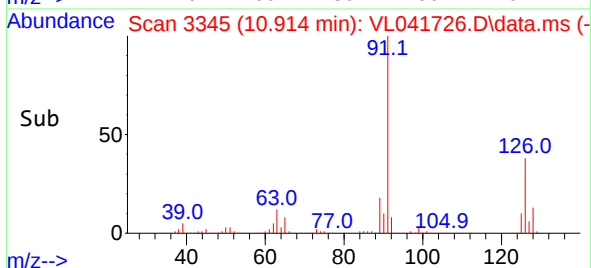
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

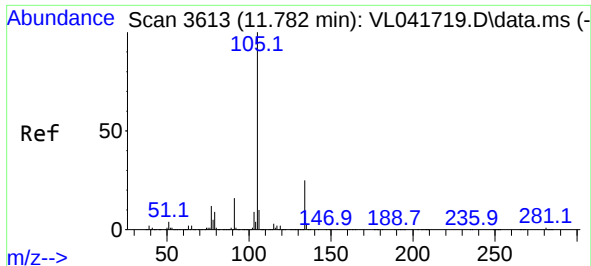


#66
Benzyl Chloride
Concen: 2.084 ppbv
RT: 10.914 min Scan# 3345
Delta R.T. -0.000 min
Lab File: VL041726.D
Acq: 11 Dec 2024 17:54



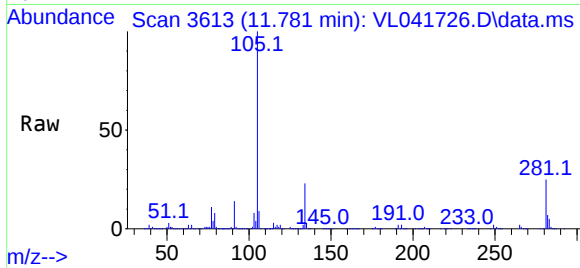
Tgt Ion: 91 Resp: 283831
Ion Ratio Lower Upper
91 100
126 38.3 31.8 47.8
128 12.2 10.3 15.5





#67
 sec-Butylbenzene
 Concen: 2.161 ppbv
 RT: 11.781 min Scan# 3613
 Delta R.T. -0.000 min
 Lab File: VL041726.D
 Acq: 11 Dec 2024 17:54

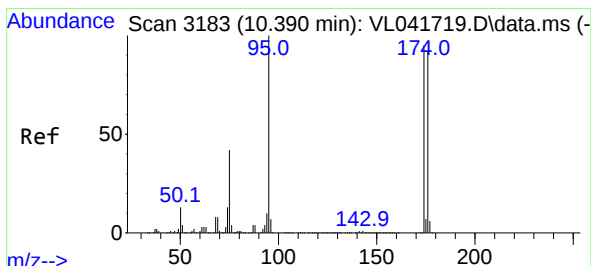
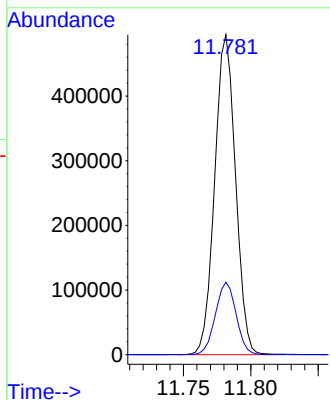
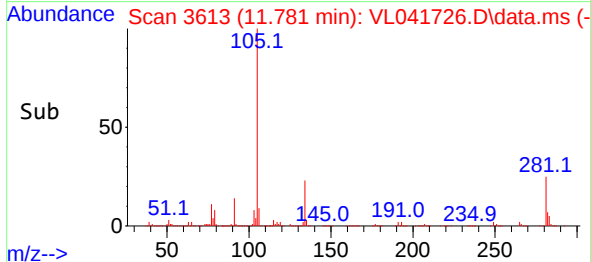
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



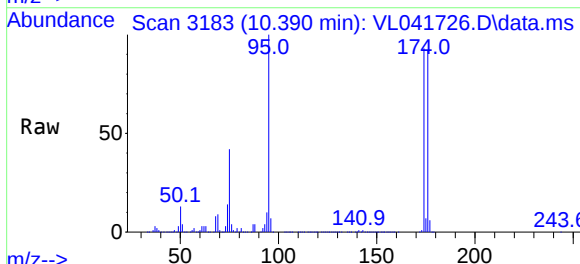
Tgt Ion:105 Resp: 53136
 Ion Ratio Lower Upper
 105 100
 134 22.6 19.3 28.9

Manual Integrations
 APPROVED

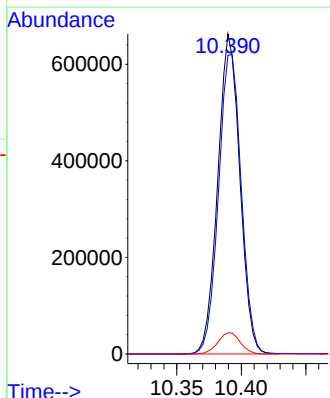
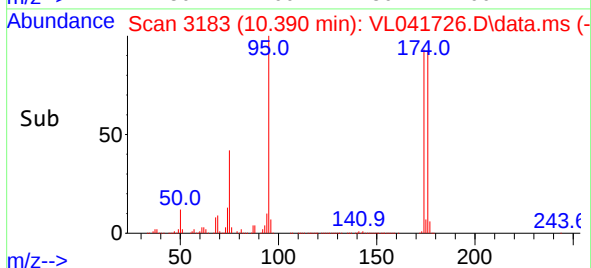
Reviewed By :Mahesh Dadoda 12/13/2024
 Supervised By :Semsettin Yesilyurt 12/13/2024

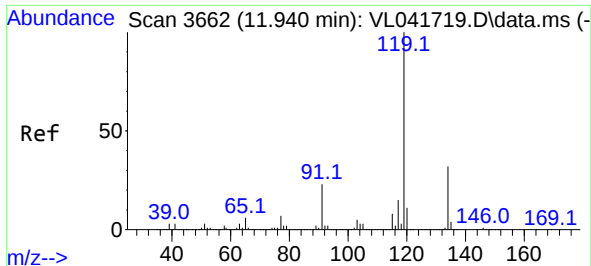


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.020 ppbv
 RT: 10.390 min Scan# 3183
 Delta R.T. -0.000 min
 Lab File: VL041726.D
 Acq: 11 Dec 2024 17:54



Tgt Ion: 95 Resp: 787013
 Ion Ratio Lower Upper
 95 100
 174 96.5 76.7 115.1
 175 6.8 5.4 8.2





#69

p-Isopropyltoluene

Concen: 2.097 ppbv

RT: 11.940 min Scan# 3662

Delta R.T. -0.000 min

Lab File: VL041726.D

Acq: 11 Dec 2024 17:54

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

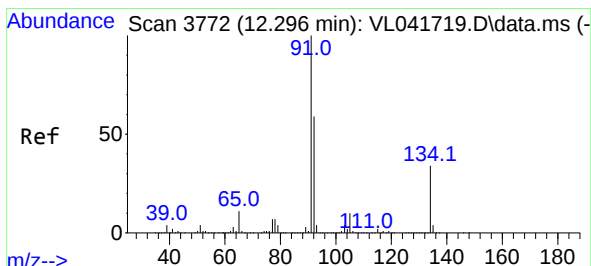
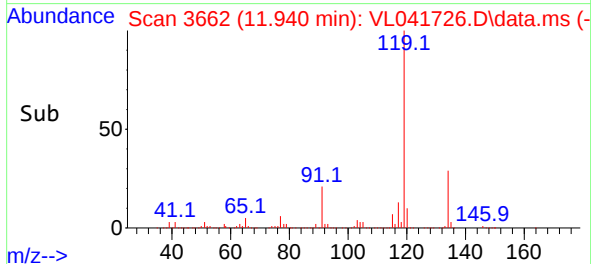
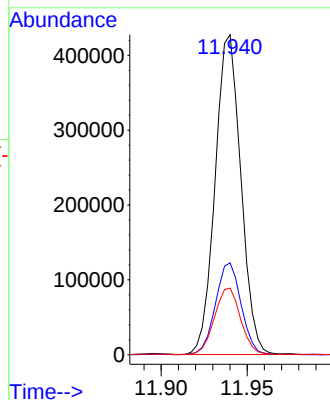
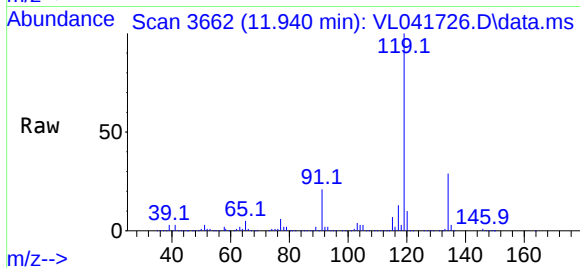
Tgt Ion:119 Resp: 444689

Ion	Ratio	Lower	Upper
119	100		
134	28.8	24.6	36.8
91	21.5	17.8	26.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#70

n-Butylbenzene

Concen: 2.139 ppbv

RT: 12.296 min Scan# 3772

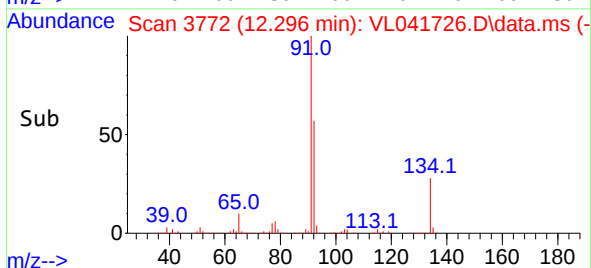
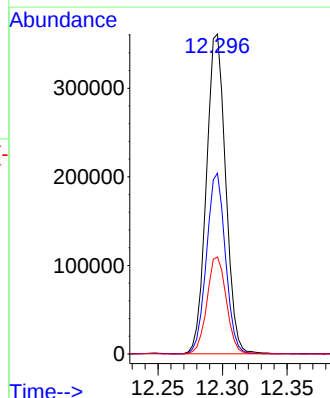
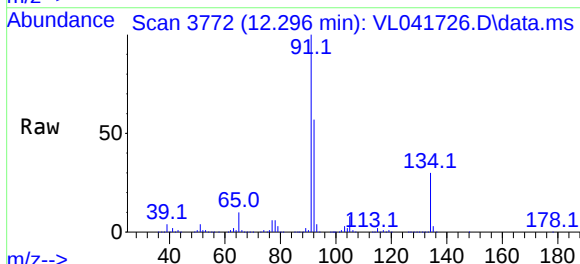
Delta R.T. -0.000 min

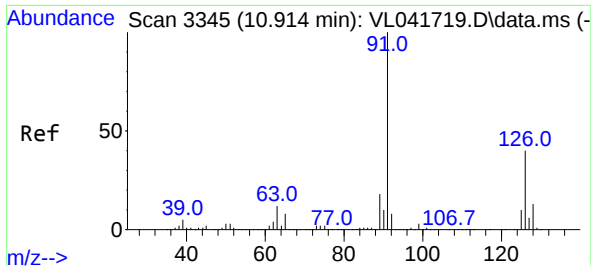
Lab File: VL041726.D

Acq: 11 Dec 2024 17:54

Tgt Ion: 91 Resp: 376482

Ion	Ratio	Lower	Upper
91	100		
92	55.9	46.7	70.1
134	30.6	26.2	39.4





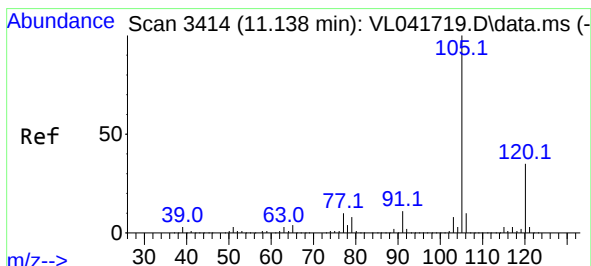
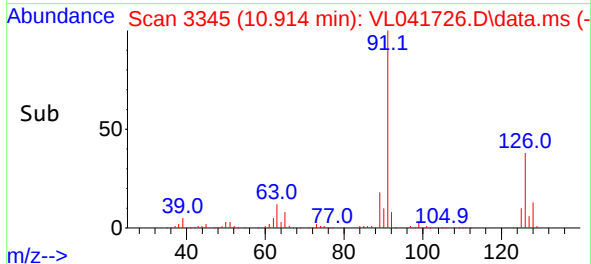
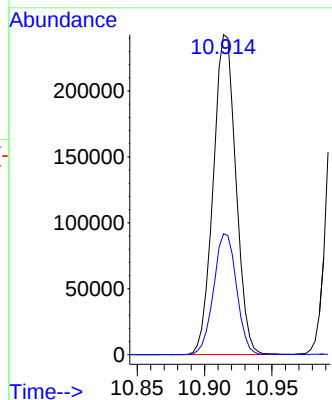
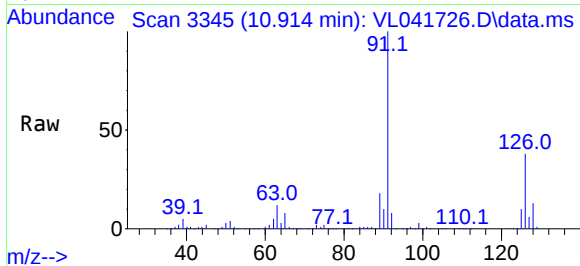
#71
2-Chlorotoluene
Concen: 2.084 ppbv
RT: 10.914 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL041726.D
Acq: 11 Dec 2024 17:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 91 Resp: 28383
Ion Ratio Lower Upper
91 100
126 38.3 15.9 63.7

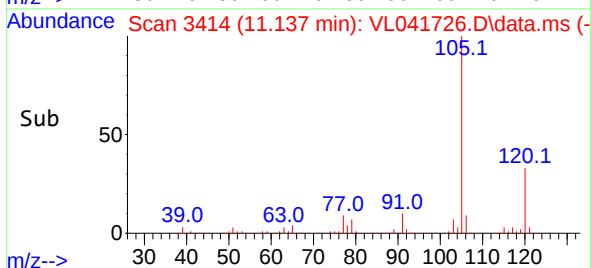
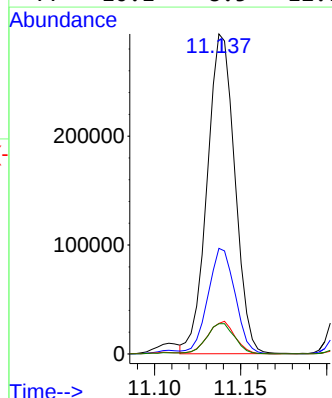
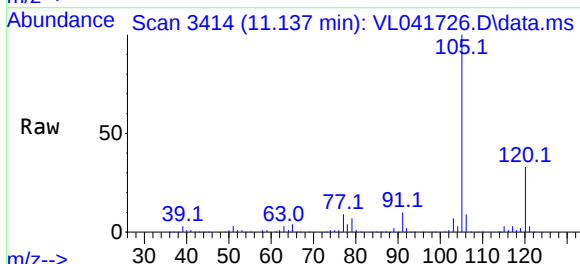
Manual Integrations
APPROVED

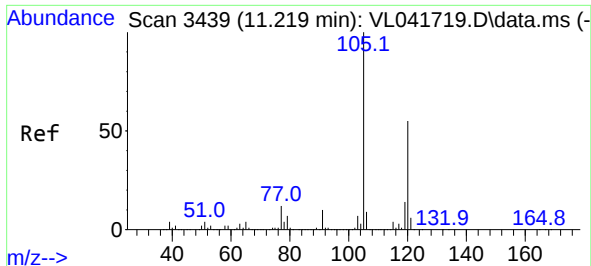
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#72
4-Ethyltoluene
Concen: 2.092 ppbv
RT: 11.137 min Scan# 3414
Delta R.T. -0.000 min
Lab File: VL041726.D
Acq: 11 Dec 2024 17:54

Tgt Ion:105 Resp: 328204
Ion Ratio Lower Upper
105 100
120 33.7 28.0 42.0
91 10.7 8.8 13.2
77 10.1 8.5 12.7





#73
1,3,5-Trimethylbenzene
Concen: 2.041 ppbv
RT: 11.218 min Scan# 3439
Delta R.T. -0.000 min
Lab File: VL041726.D
Acq: 11 Dec 2024 17:54

Instrument :

MSVOA_L

ClientSampleId :

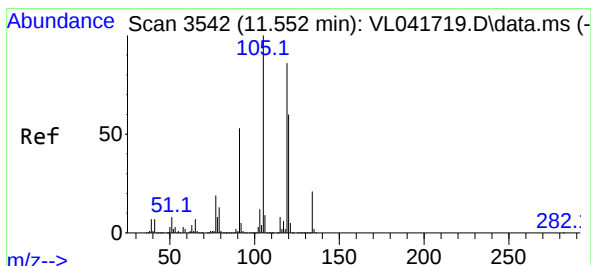
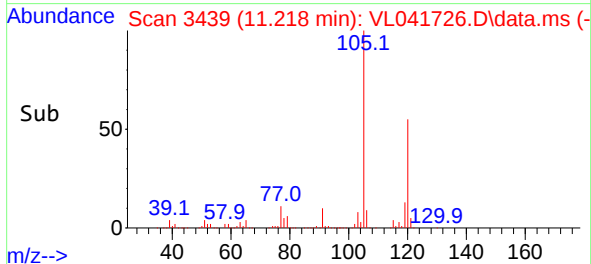
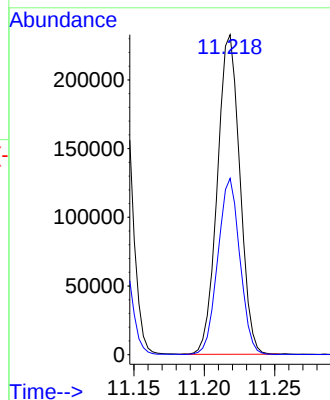
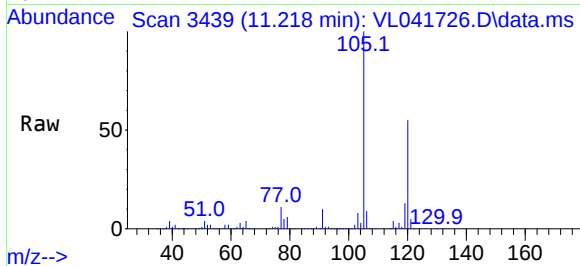
VSTDICC002

Tgt Ion:105 Resp: 258973
Ion Ratio Lower Upper
105 100
120 55.1 43.6 65.4

Manual Integrations

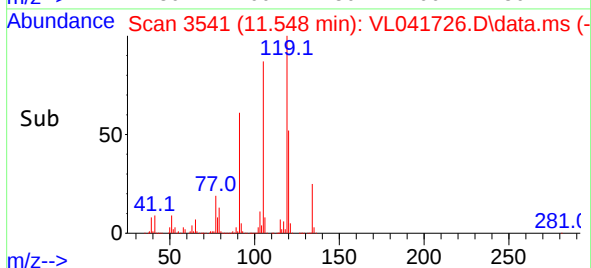
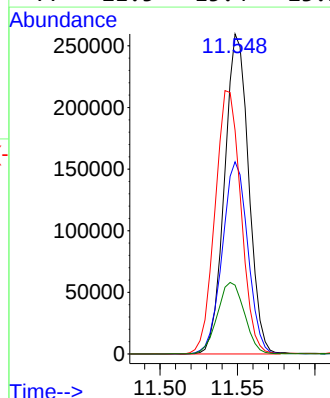
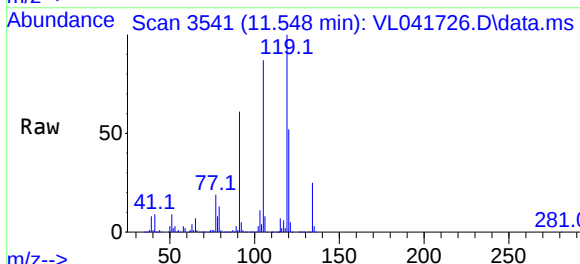
APPROVED

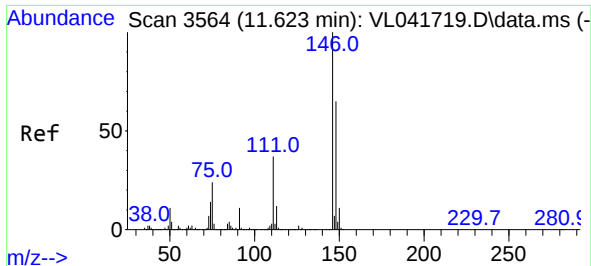
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#74
1,2,4-Trimethylbenzene
Concen: 2.033 ppbv
RT: 11.548 min Scan# 3541
Delta R.T. -0.003 min
Lab File: VL041726.D
Acq: 11 Dec 2024 17:54

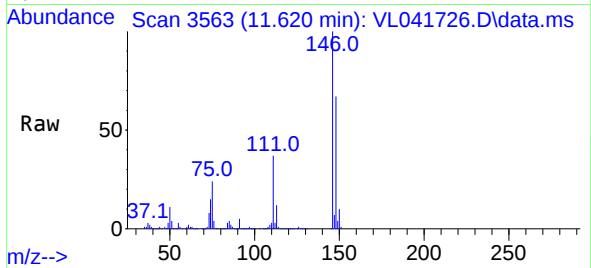
Tgt Ion:105 Resp: 280390
Ion Ratio Lower Upper
105 100
120 60.1 47.8 71.6
91 69.8 42.5 63.7#
77 21.5 15.4 23.2





#75
1,3-Dichlorobenzene
Concen: 2.079 ppbv
RT: 11.620 min Scan# 3563
Delta R.T. -0.003 min
Lab File: VL041726.D
Acq: 11 Dec 2024 17:54

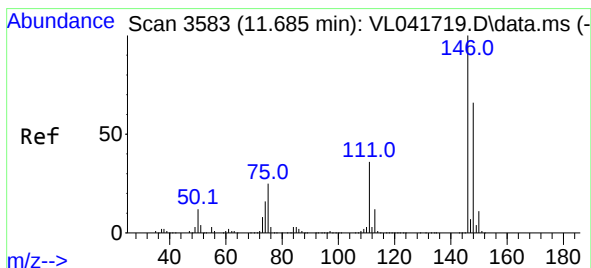
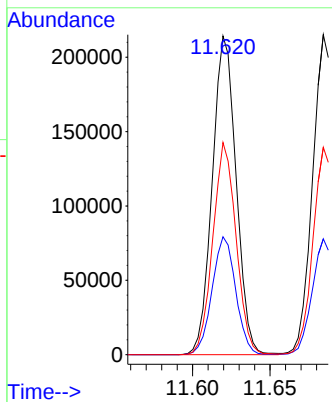
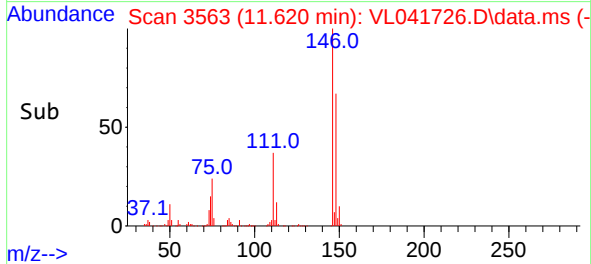
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion:146 Resp: 229180
Ion Ratio Lower Upper
146 100
111 36.8 18.4 55.2
148 65.1 32.4 97.2

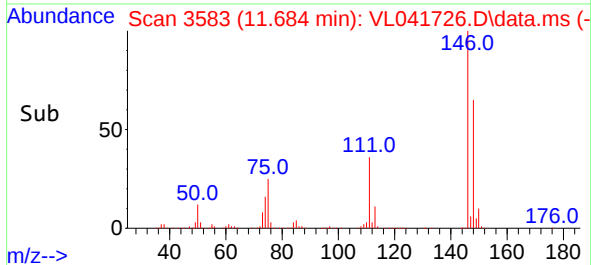
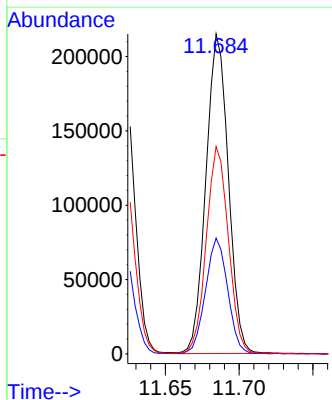
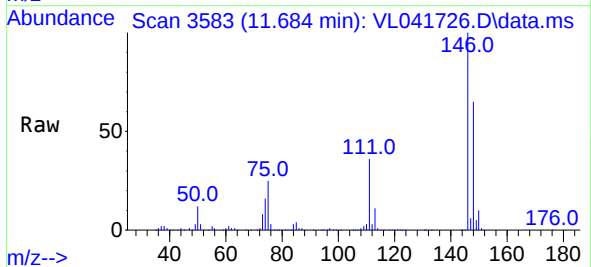
Manual Integrations
APPROVED

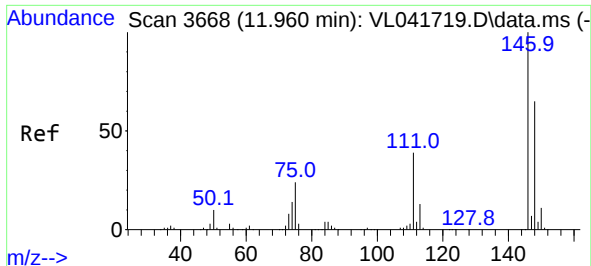
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#76
1,4-Dichlorobenzene
Concen: 2.082 ppbv
RT: 11.684 min Scan# 3583
Delta R.T. -0.000 min
Lab File: VL041726.D
Acq: 11 Dec 2024 17:54

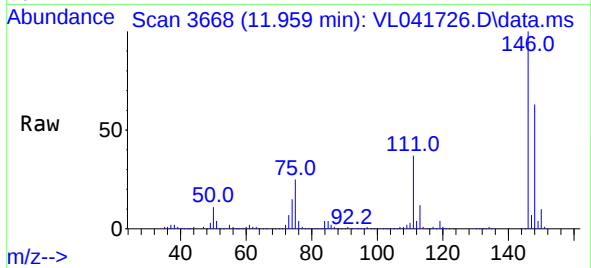
Tgt Ion:146 Resp: 226738
Ion Ratio Lower Upper
146 100
111 36.1 17.8 53.4
148 64.5 32.4 97.0





#77
1,2-Dichlorobenzene
Concen: 2.110 ppbv
RT: 11.959 min Scan# 3668
Delta R.T. -0.000 min
Lab File: VL041726.D
Acq: 11 Dec 2024 17:54

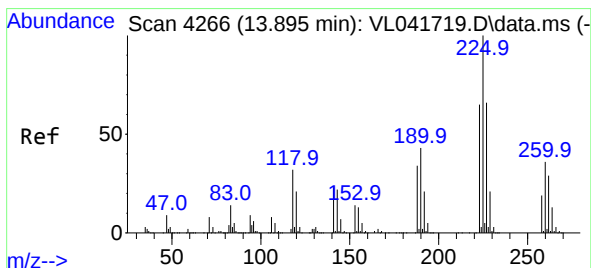
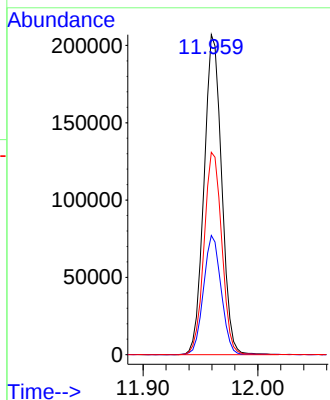
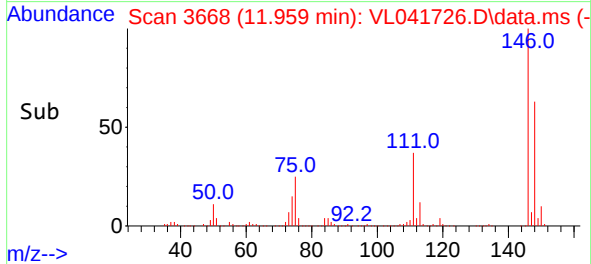
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



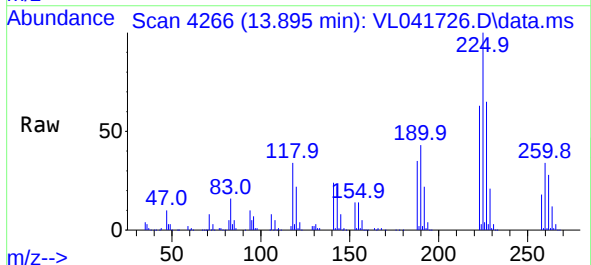
Tgt Ion:146 Resp: 220310
Ion Ratio Lower Upper
146 100
111 37.5 19.2 57.6
148 63.9 32.4 97.2

Manual Integrations
APPROVED

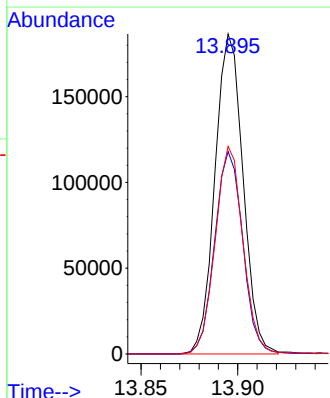
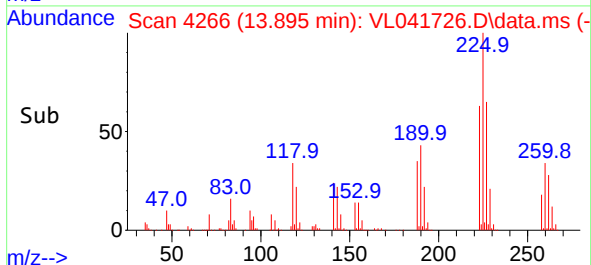
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

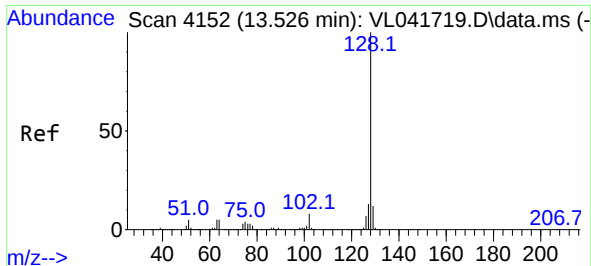


#78
Hexachloro-1,3-Butadiene
Concen: 2.191 ppbv
RT: 13.895 min Scan# 4266
Delta R.T. -0.000 min
Lab File: VL041726.D
Acq: 11 Dec 2024 17:54



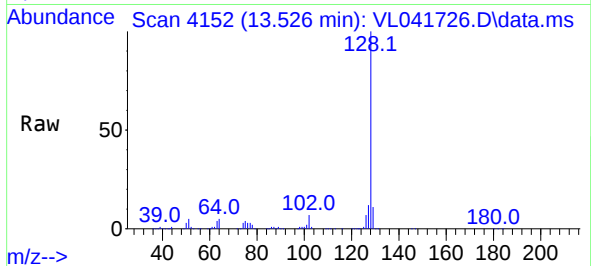
Tgt Ion:225 Resp: 187958
Ion Ratio Lower Upper
225 100
223 63.6 51.1 76.7
227 64.4 51.8 77.6





#79
Naphthalene
Concen: 2.033 ppbv
RT: 13.526 min Scan# 4152
Delta R.T. -0.000 min
Lab File: VL041726.D
Acq: 11 Dec 2024 17:54

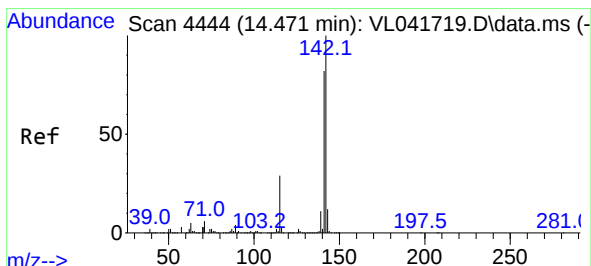
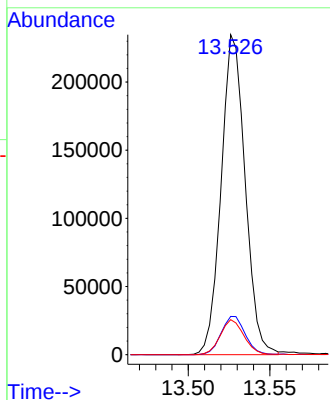
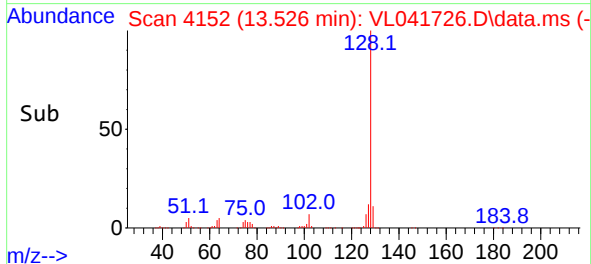
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



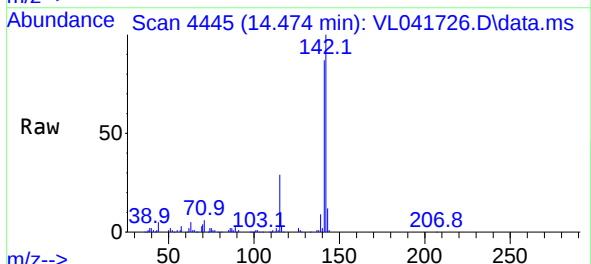
Tgt Ion:128 Resp: 24004
Ion Ratio Lower Upper
128 100
127 11.9 10.2 15.2
129 10.9 9.4 14.0

Manual Integrations
APPROVED

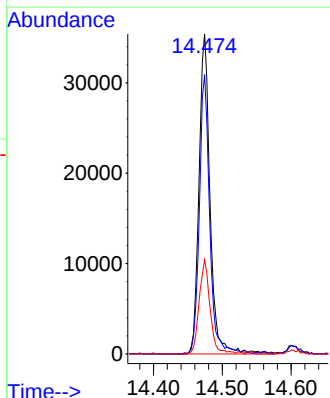
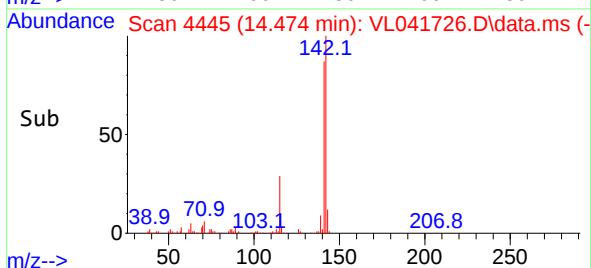
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

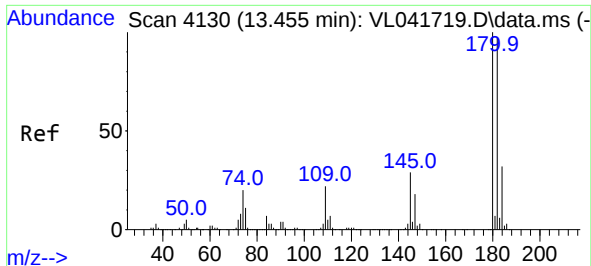


#80
Naphthalene,2-methyl-
Concen: 0.929 ppbv
RT: 14.474 min Scan# 4445
Delta R.T. 0.003 min
Lab File: VL041726.D
Acq: 11 Dec 2024 17:54



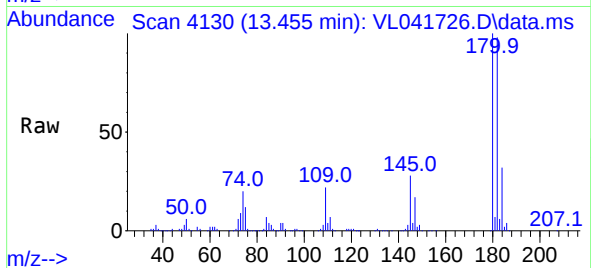
Tgt Ion:142 Resp: 39678
Ion Ratio Lower Upper
142 100
141 81.5 66.0 99.0
115 29.4 22.8 34.2





#81
 1,2,4-Trichlorobenzene
 Concen: 1.961 ppbv
 RT: 13.455 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL041726.D
 Acq: 11 Dec 2024 17:54

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



Tgt Ion:180 Resp: 145764
 Ion Ratio Lower Upper
 180 100
 182 96.3 77.2 115.8
 184 31.0 25.2 37.8

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/13/2024
 Supervised By :Semsettin Yesilyurt 12/13/2024

