

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121124\
 Data File : VL041730.D
 Acq On : 11 Dec 2024 20:31
 Operator : SY/MD
 Sample : P4368-14 0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT4-2024

Quant Time: Dec 12 06:00:07 2024

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

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

QLast Update : Thu Dec 12 05:50:25 2024

Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Bromochloromethane	2.790	49	276367	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	1367993	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.891	117	1213209	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.387	95	793203	9.945	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.499	85	33990	0.701	ppbv	99
3) Chlorodifluoromethane	1.476	51	19927	0.530	ppbv	95
4) Chloromethane	1.534	50	9267	0.720	ppbv	99
5) Vinyl Chloride	1.583	62	11080	0.703	ppbv	94
6) Bromomethane	1.670	94	7837	0.758	ppbv	98
7) Chloroethane	1.706	64	4903	0.715	ppbv	98
8) Dichlorotetrafluoroethane	1.557	85	30522	0.772	ppbv	98
9) Propene	1.483	41	9811	0.612	ppbv	93
10) Heptane	4.988	43	24326m	0.548	ppbv	
11) Trichlorofluoromethane	1.881	101	37186	0.666	ppbv	98
12) 1,1,2-Trichlorotrifluo...	2.143	101	31937	0.635	ppbv	96
13) Ethanol	1.722	45	920	0.693	ppbv	79
14) Bromoethene	1.784	108	13205	0.716	ppbv #	97
15) Acetone	1.835	43	25061	0.785	ppbv	90
16) 1,3-Butadiene	1.609	39	7867	0.735	ppbv	91
17) tert-Butyl alcohol	2.043	59	28690	0.620	ppbv #	92
18) 1,1-Dichloroethene	2.725	96	20476	0.547	ppbv	95
19) Isopropyl Alcohol	1.887	45	28923	0.954	ppbv #	32
20) Methylene Chloride	2.065	84	14121	0.731	ppbv	97
21) Allyl Chloride	2.098	41	10529	0.586	ppbv	95
22) trans-1,2-Dichloroethene	2.036	96	14558	0.637	ppbv	99
23) Vinyl Acetate	2.467	43	8780	0.454	ppbv #	97
24) 1,1-Dichloroethane	2.412	63	23667	0.659	ppbv	97
25) Ethyl Acetate	4.988	43	24326m	0.548	ppbv	
26) Hexane	2.829	57	23980	0.558	ppbv	97
27) Carbon Disulfide	2.153	76	24206	0.547	ppbv #	22
28) Methyl tert-Butyl Ether	2.444	73	18829	0.583	ppbv	94
29) Chloroform	2.852	83	34782	0.528	ppbv	93
30) Cyclohexane	3.862	84	24872	0.515	ppbv	95
31) cis-1,2-Dichloroethene	2.036	61	20125	0.644	ppbv	99
32) 1,1,1-Trichloroethane	3.376	97	32685	0.505	ppbv	99
34) 2-Butanone	2.560	43	25565	0.534	ppbv	96
35) Carbon Tetrachloride	3.771	117	31675	0.497	ppbv	98
36) Benzene	3.661	78	58916	0.548	ppbv	97
37) 1,2-Dichloroethane	3.221	62	20520	0.528	ppbv	97
38) Trichloroethene	4.554	130	29194	0.523	ppbv	97
39) 1,2-Dichloropropane	4.321	63	18211	0.531	ppbv	99
40) 1,4-Dioxane	4.612	88	11114	0.537	ppbv #	58
41) Tetrahydrofuran	3.065	42	15225	0.527	ppbv	96
42) Bromodichloromethane	4.496	83	29106	0.464	ppbv	98
43) Methyl Methacrylate	4.891	69	19772	0.510	ppbv	97
44) 2,2,4-Trimethylpentane	4.651	57	79892	0.534	ppbv	100
45) t-1,3-Dichloropropene	5.613	75	23636	0.471	ppbv	91

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 Misc : 400mL/MSVOA_L
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Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT4-2024

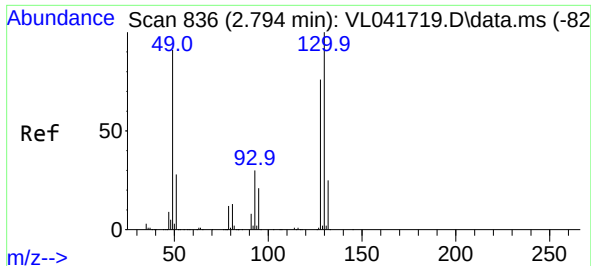
Quant Time: Dec 12 06:00:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121124AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Thu Dec 12 05:50:25 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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

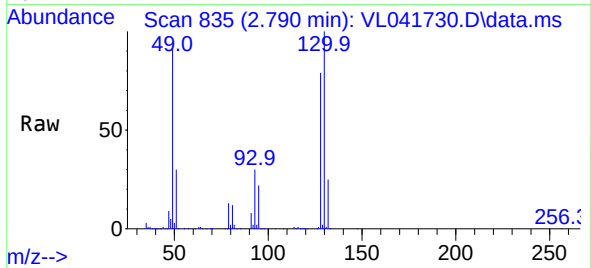
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	6.425	75	17868	0.472	ppbv	97
47) 1,1,2-Trichloroethane	6.593	97	23497	0.515	ppbv	97
48) Dibromochloromethane	7.396	129	27259	0.415	ppbv	100
49) Bromoform	9.493	173	24103	0.383	ppbv	99
50) 4-Methyl-2-Pentanone	5.774	43	35525	0.517	ppbv	100
51) 2-Hexanone	7.454	43	28292	0.501	ppbv #	98
52) Tetrachloroethene	8.231	164	29113	0.511	ppbv	87
53) Toluene	6.943	91	70171	0.531	ppbv	98
54) 1,2-Dibromoethane	7.658	107	31196	0.500	ppbv	95
56) 1,1,1,2-Tetrachloroethane	8.937	131	27233	0.483	ppbv #	1
57) Chlorobenzene	8.930	112	59124	0.536	ppbv	99
58) Ethyl Benzene	9.364	91	85671	0.528	ppbv	97
59) m/p-Xylene	9.561	91	130161m	1.046	ppbv	
60) o-Xylene	9.972	91	64066	0.519	ppbv	99
61) Styrene	9.878	104	33042	0.485	ppbv	99
62) Isopropylbenzene	10.548	105	110796	0.544	ppbv	97
63) 1,1,2,2-Tetrachloroethane	9.972	83	40231	0.504	ppbv	99
64) n-propylbenzene	10.998	120	30702	0.512	ppbv	85
65) tert-Butylbenzene	11.539	119	101081	0.524	ppbv	99
66) Benzyl Chloride	10.911	91	74421	0.538	ppbv	97
67) sec-Butylbenzene	11.778	105	133644	0.535	ppbv	97
69) p-Isopropyltoluene	11.934	119	110129	0.511	ppbv	97
70) n-Butylbenzene	12.293	91	91236	0.510	ppbv	97
71) 2-Chlorotoluene	10.911	91	74421	0.538	ppbv	97
72) 4-Ethyltoluene	11.134	105	83994	0.527	ppbv	98
73) 1,3,5-Trimethylbenzene	11.212	105	65405	0.508	ppbv	95
74) 1,2,4-Trimethylbenzene	11.545	105	70433	0.503	ppbv #	93
75) 1,3-Dichlorobenzene	11.617	146	59205	0.529	ppbv	99
76) 1,4-Dichlorobenzene	11.681	146	59766	0.541	ppbv	98
77) 1,2-Dichlorobenzene	11.956	146	56854	0.536	ppbv	98
78) Hexachloro-1,3-Butadiene	13.892	225	46404	0.533	ppbv	99
79) Naphthalene	13.523	128	61118	0.510	ppbv	98
80) Naphthalene,2-methyl-	14.471	142	15236	0.351	ppbv	98
81) 1,2,4-Trichlorobenzene	13.448	180	37208	0.493	ppbv	100

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 81
Delta R.T. -0.004 min
Lab File: VL041730.D
Acq: 11 Dec 2024 20:31

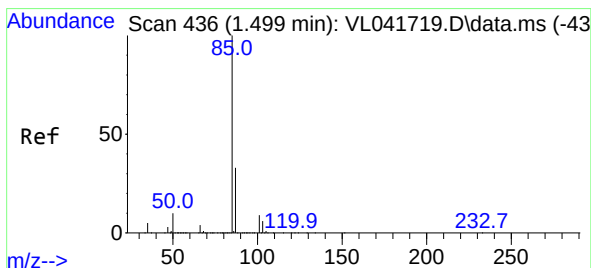
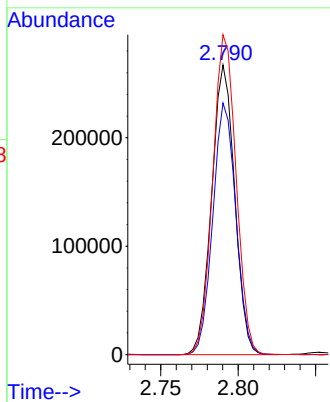
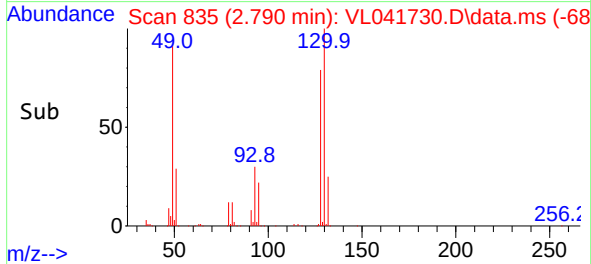
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2024



Tgt Ion: 49 Resp: 27636
Ion Ratio Lower Upper
49 100
128 87.0 42.8 128.3
130 112.0 55.8 167.4

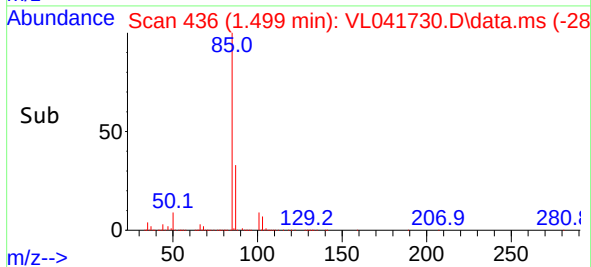
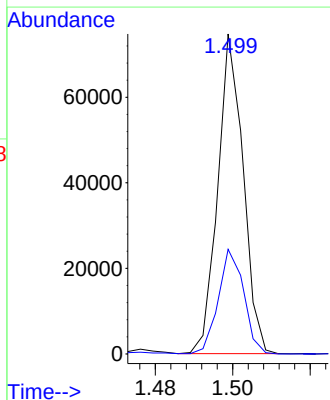
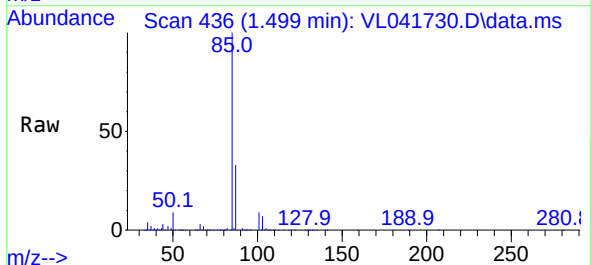
Manual Integrations
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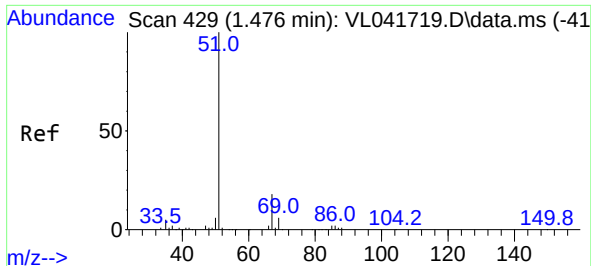
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#2
Dichlorodifluoromethane
Concen: 0.701 ppbv
RT: 1.499 min Scan# 436
Delta R.T. -0.000 min
Lab File: VL041730.D
Acq: 11 Dec 2024 20:31

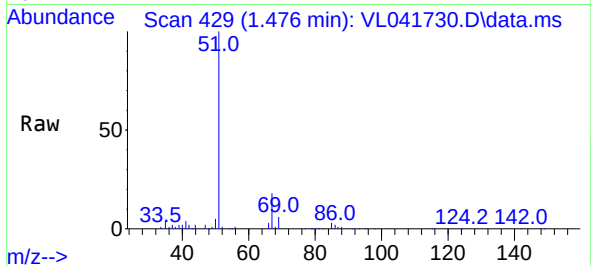
Tgt Ion: 85 Resp: 33990
Ion Ratio Lower Upper
85 100
87 32.8 26.6 39.8





#3
Chlorodifluoromethane
Concen: 0.530 ppbv
RT: 1.476 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL041730.D
Acq: 11 Dec 2024 20:31

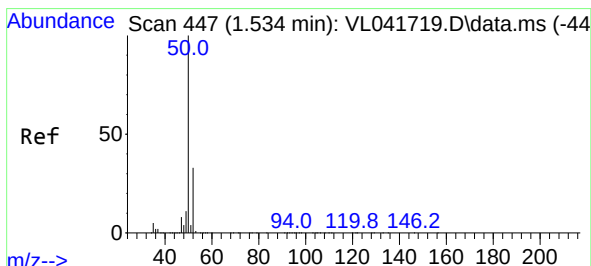
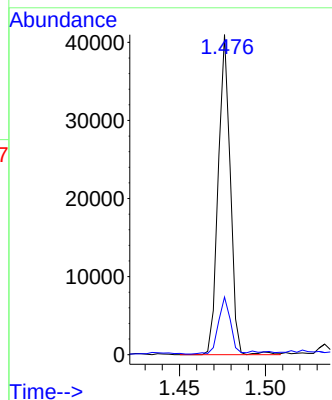
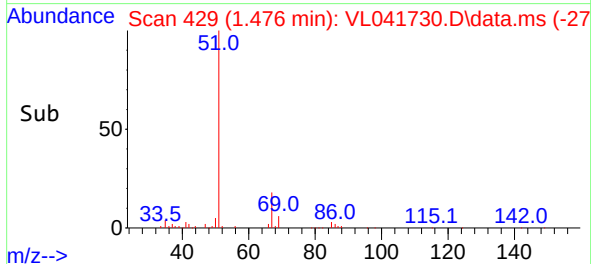
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2024



Tgt Ion: 51 Resp: 1992
Ion Ratio Lower Upper
51 100
67 20.4 14.6 21.8

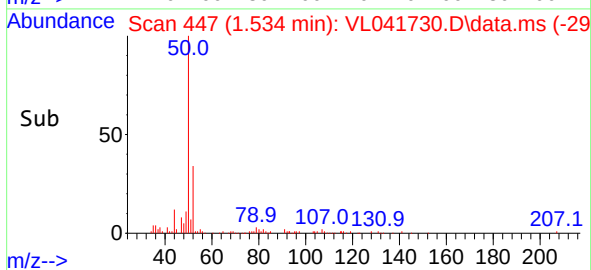
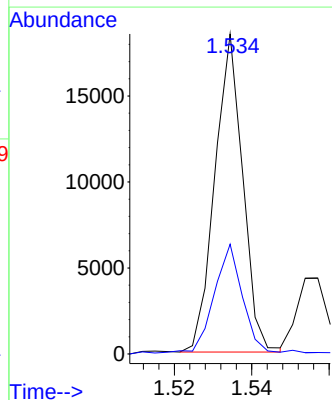
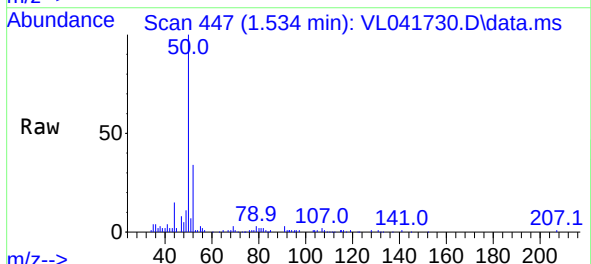
Manual Integrations
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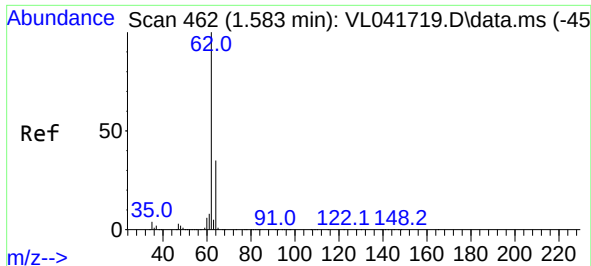
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#4
Chloromethane
Concen: 0.720 ppbv
RT: 1.534 min Scan# 447
Delta R.T. -0.000 min
Lab File: VL041730.D
Acq: 11 Dec 2024 20:31

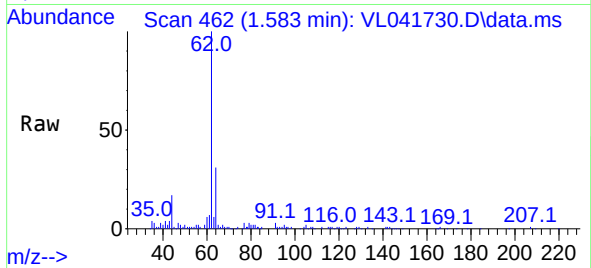
Tgt Ion: 50 Resp: 9267
Ion Ratio Lower Upper
50 100
52 33.9 26.6 40.0





#5
 Vinyl Chloride
 Concen: 0.703 ppbv
 RT: 1.583 min Scan# 462
 Delta R.T. -0.000 min
 Lab File: VL041730.D
 Acq: 11 Dec 2024 20:31

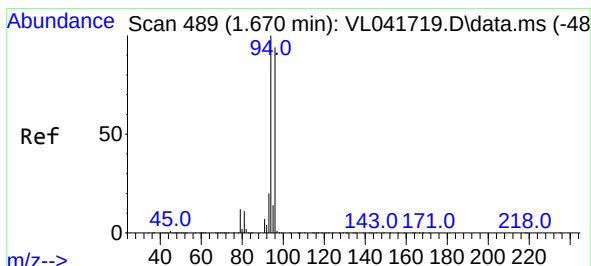
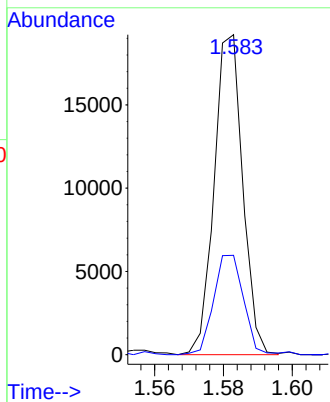
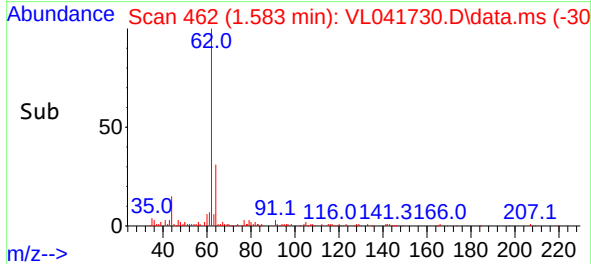
Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT4-2024



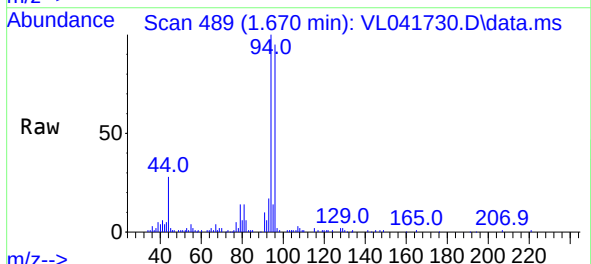
Tgt Ion: 62 Resp: 11080
 Ion Ratio Lower Upper
 62 100
 64 31.1 27.6 41.4

Manual Integrations
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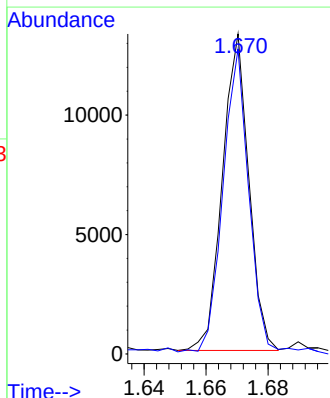
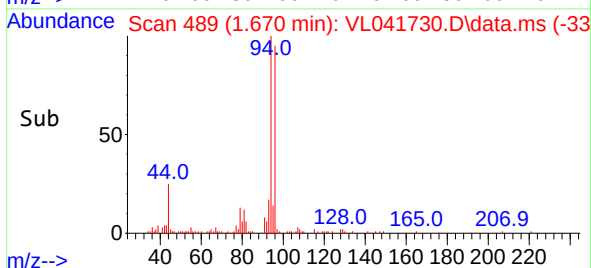
Reviewed By :Mahesh Dadoda 12/13/2024
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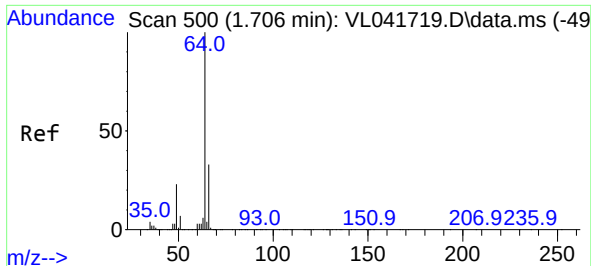


#6
 Bromomethane
 Concen: 0.758 ppbv
 RT: 1.670 min Scan# 489
 Delta R.T. -0.000 min
 Lab File: VL041730.D
 Acq: 11 Dec 2024 20:31



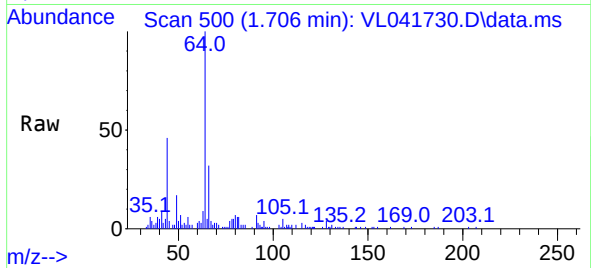
Tgt Ion: 94 Resp: 7837
 Ion Ratio Lower Upper
 94 100
 96 95.7 75.4 113.0





#7
Chloroethane
Concen: 0.715 ppbv
RT: 1.706 min Scan# 500
Delta R.T. -0.000 min
Lab File: VL041730.D
Acq: 11 Dec 2024 20:31

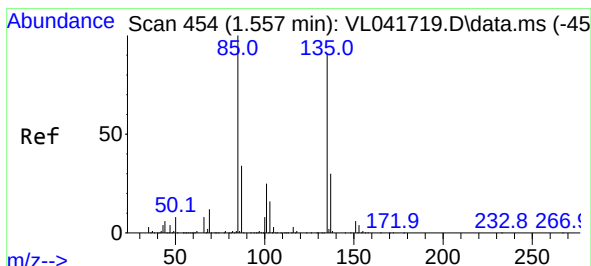
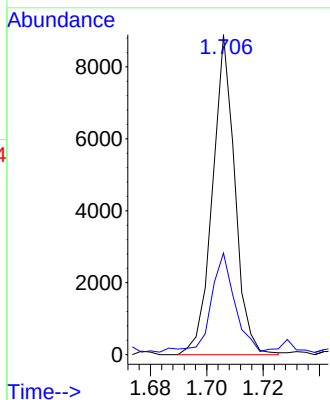
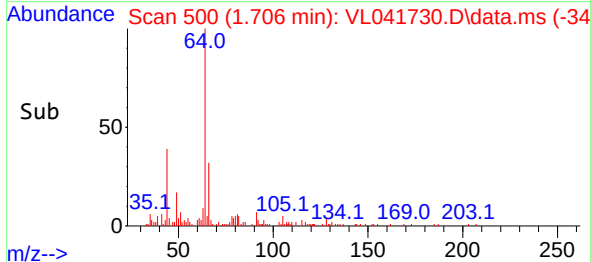
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2024



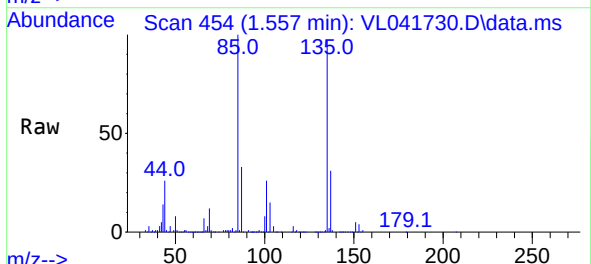
Tgt Ion: 64 Resp: 490
Ion Ratio Lower Upper
64 100
66 31.7 26.5 39.7

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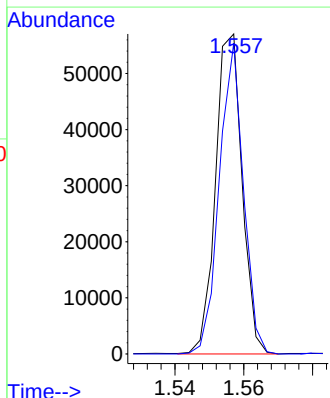
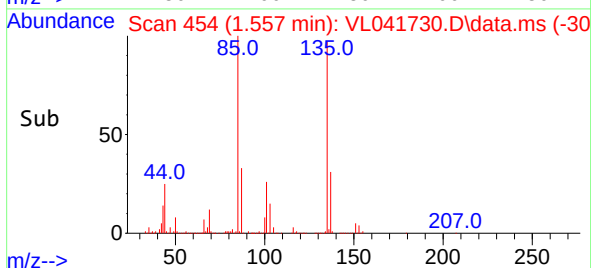
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

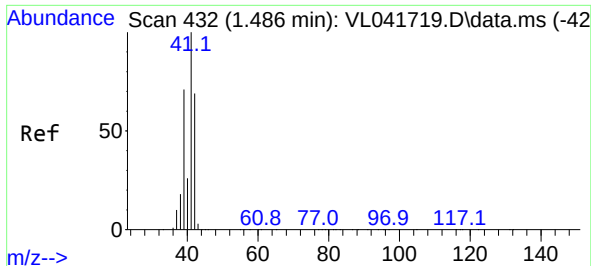


#8
Dichlorotetrafluoroethane
Concen: 0.772 ppbv
RT: 1.557 min Scan# 454
Delta R.T. -0.000 min
Lab File: VL041730.D
Acq: 11 Dec 2024 20:31



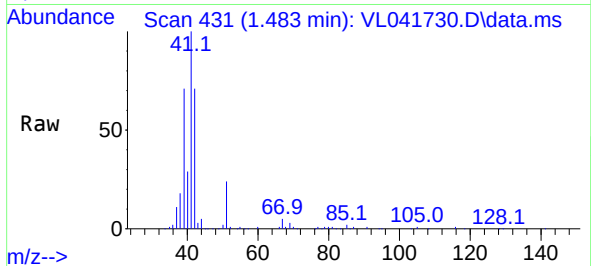
Tgt Ion: 85 Resp: 30522
Ion Ratio Lower Upper
85 100
135 88.5 69.0 103.6





#9
Propene
Concen: 0.612 ppbv
RT: 1.483 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL041730.D
Acq: 11 Dec 2024 20:31

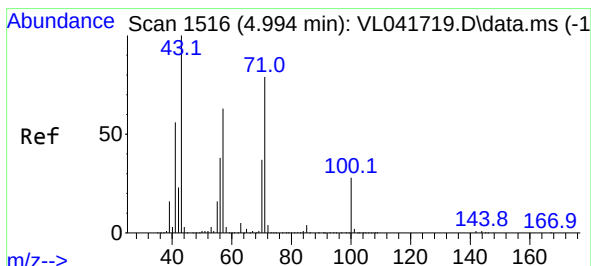
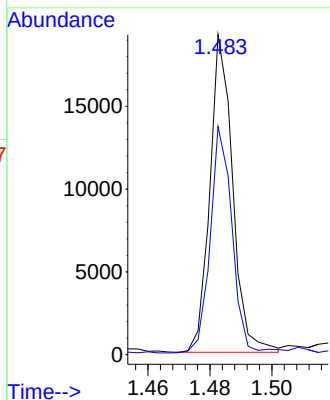
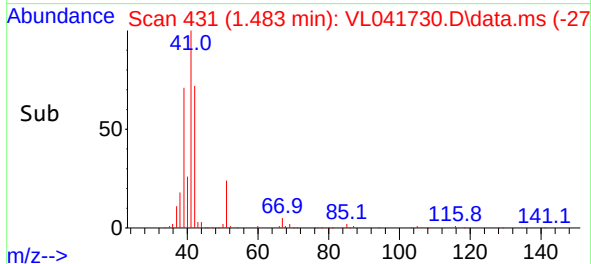
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2024



Tgt Ion: 41 Resp: 981
Ion Ratio Lower Upper
41 100
42 76.3 56.2 84.4

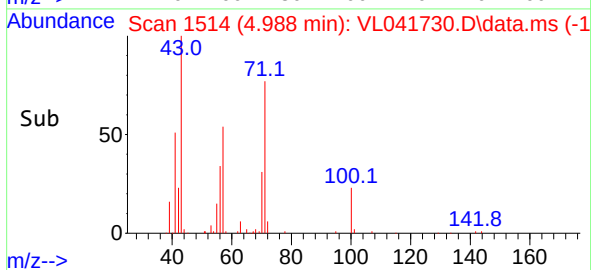
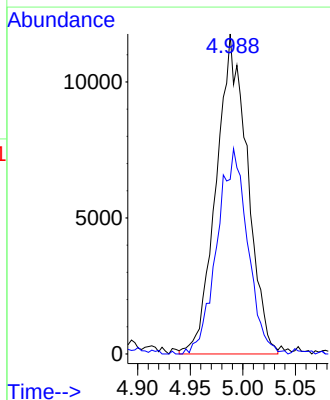
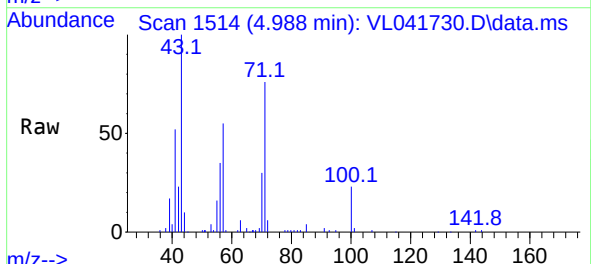
Manual Integrations
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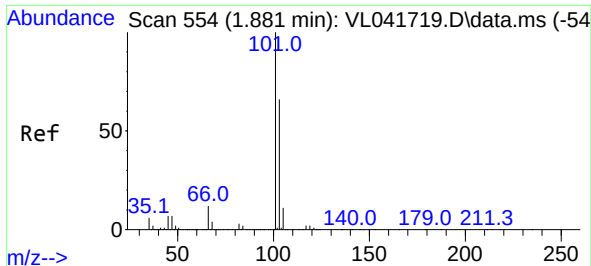
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#10
Heptane
Concen: 0.548 ppbv m
RT: 4.988 min Scan# 1514
Delta R.T. -0.007 min
Lab File: VL041730.D
Acq: 11 Dec 2024 20:31

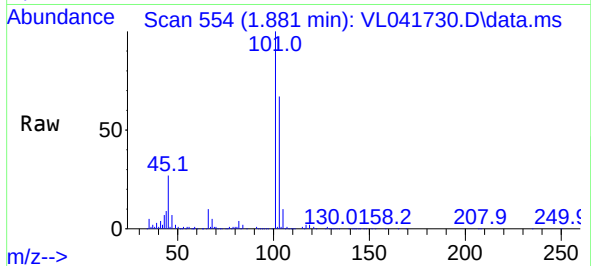
Tgt Ion: 43 Resp: 24326
Ion Ratio Lower Upper
43 100
57 0.0 50.5 75.7#





#11
Trichlorofluoromethane
Concen: 0.666 ppbv
RT: 1.881 min Scan# 554
Delta R.T. -0.000 min
Lab File: VL041730.D
Acq: 11 Dec 2024 20:31

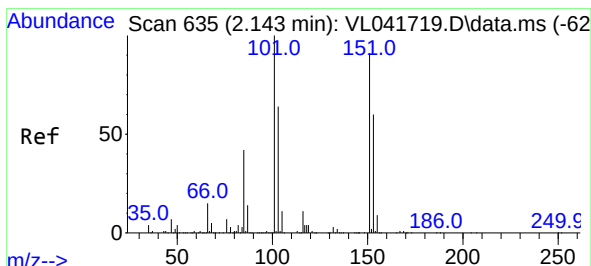
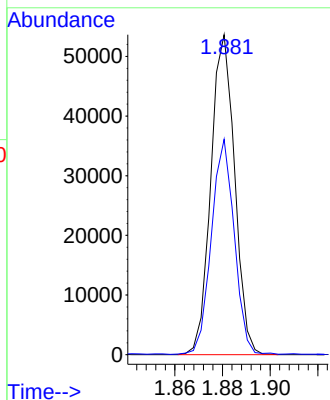
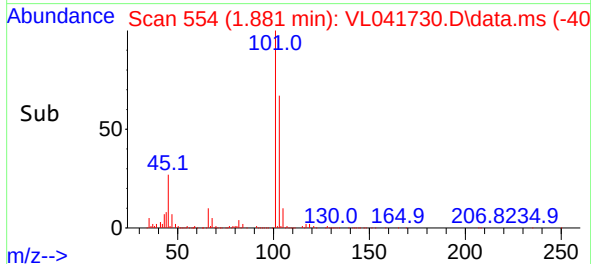
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2024



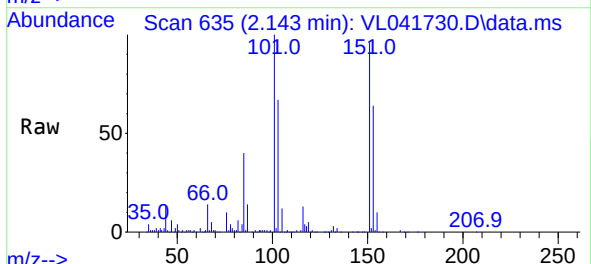
Tgt Ion:101 Resp: 37180
Ion Ratio Lower Upper
101 100
103 67.2 52.7 79.1

Manual Integrations
APPROVED

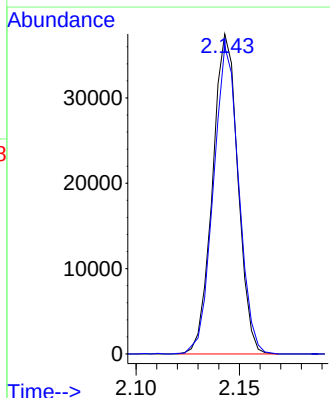
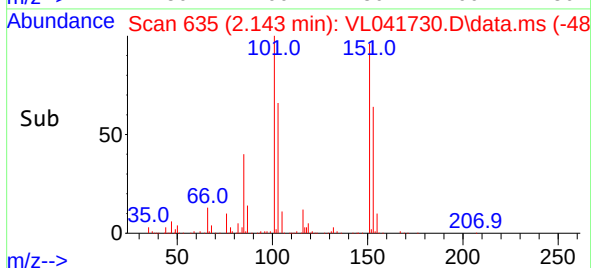
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

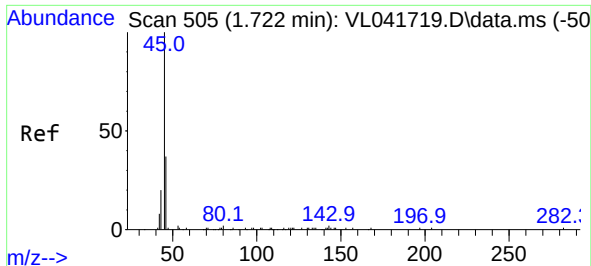


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.635 ppbv
RT: 2.143 min Scan# 635
Delta R.T. -0.000 min
Lab File: VL041730.D
Acq: 11 Dec 2024 20:31



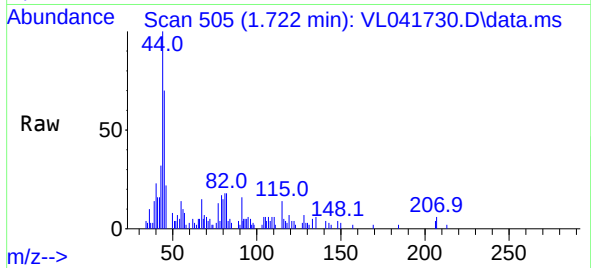
Tgt Ion:101 Resp: 31937
Ion Ratio Lower Upper
101 100
151 96.6 74.4 111.6





#13
Ethanol
Concen: 0.693 ppbv
RT: 1.722 min Scan# 505
Delta R.T. -0.000 min
Lab File: VL041730.D
Acq: 11 Dec 2024 20:31

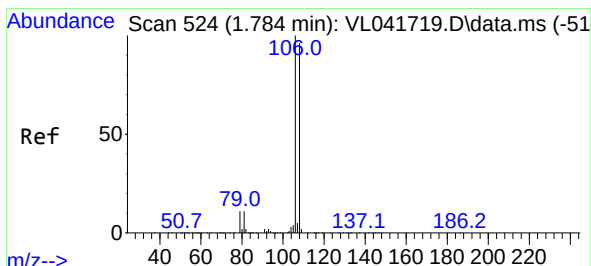
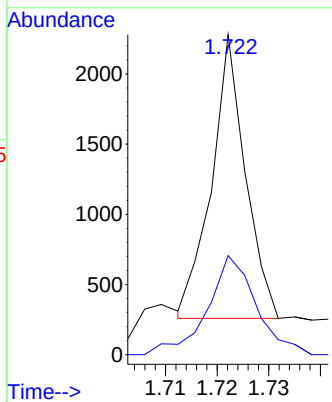
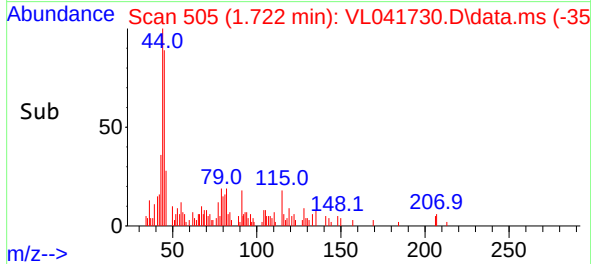
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2024



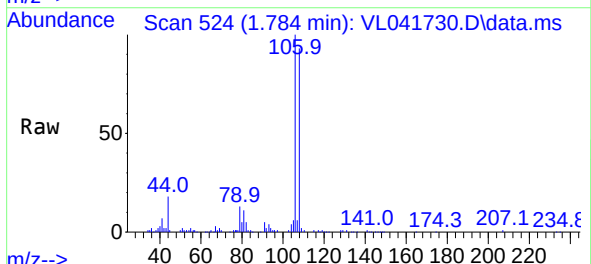
Tgt Ion: 45 Resp: 920
Ion Ratio Lower Upper
45 100
46 55.1 16.6 66.6

Manual Integrations
APPROVED

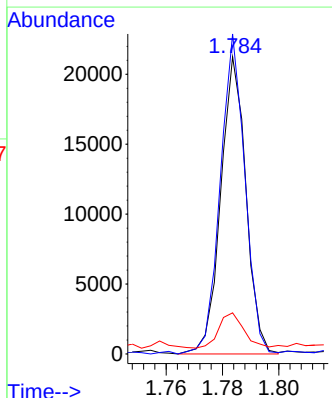
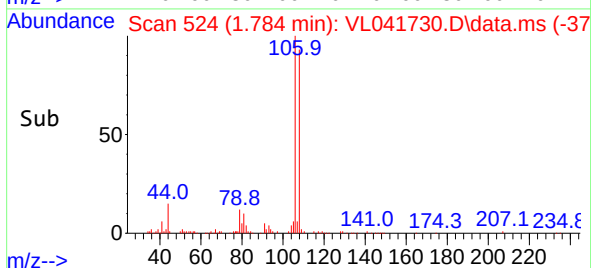
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

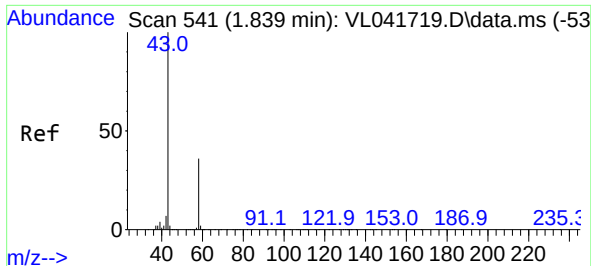


#14
Bromoethene
Concen: 0.716 ppbv
RT: 1.784 min Scan# 524
Delta R.T. -0.000 min
Lab File: VL041730.D
Acq: 11 Dec 2024 20:31



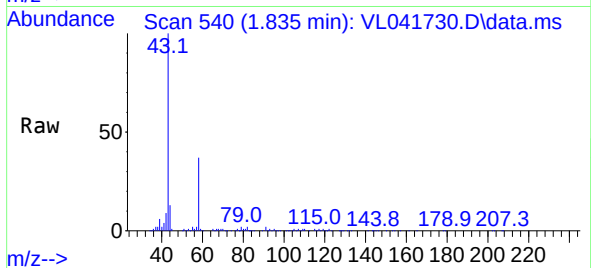
Tgt Ion:108 Resp: 13205
Ion Ratio Lower Upper
108 100
106 103.5 83.5 125.3
79 20.4 9.3 13.9#





#15
Acetone
Concen: 0.785 ppbv
RT: 1.835 min Scan# 541
Delta R.T. -0.003 min
Lab File: VL041730.D
Acq: 11 Dec 2024 20:31

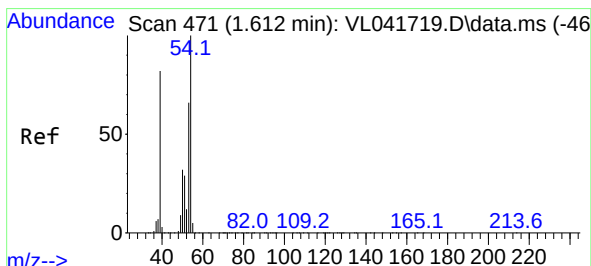
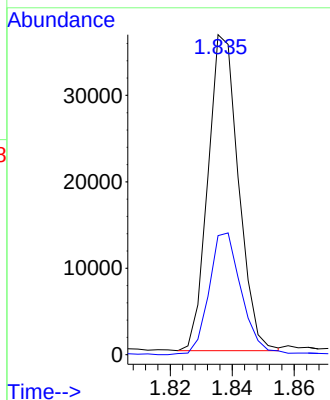
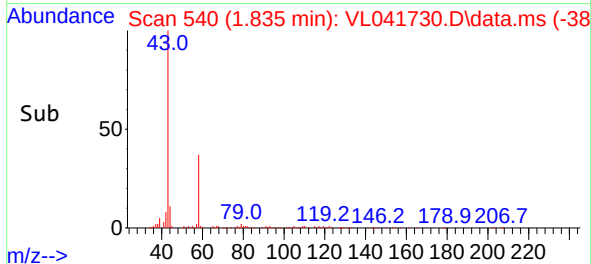
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2024



Tgt Ion: 43 Resp: 2506
Ion Ratio Lower Upper
43 100
58 41.7 28.9 43.3

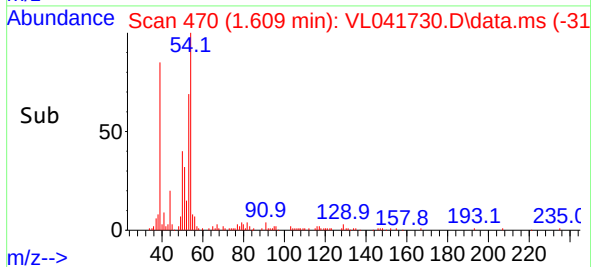
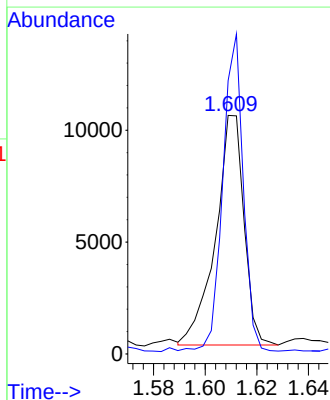
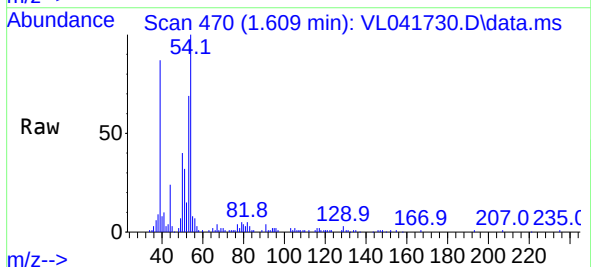
Manual Integrations
APPROVED

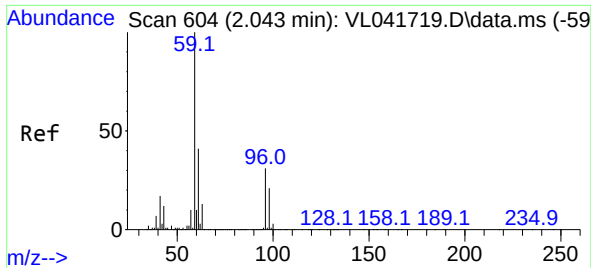
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#16
1,3-Butadiene
Concen: 0.735 ppbv
RT: 1.609 min Scan# 470
Delta R.T. -0.003 min
Lab File: VL041730.D
Acq: 11 Dec 2024 20:31

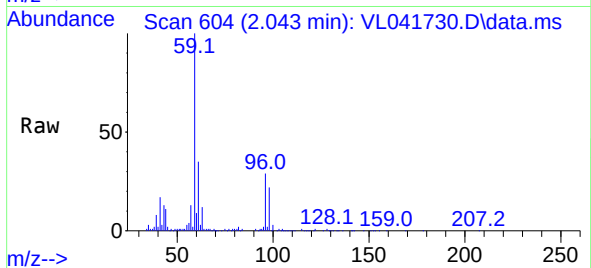
Tgt Ion: 39 Resp: 7867
Ion Ratio Lower Upper
39 100
54 115.9 85.0 127.6





#17
tert-Butyl alcohol
Concen: 0.620 ppbv
RT: 2.043 min Scan# 604
Delta R.T. -0.000 min
Lab File: VL041730.D
Acq: 11 Dec 2024 20:31

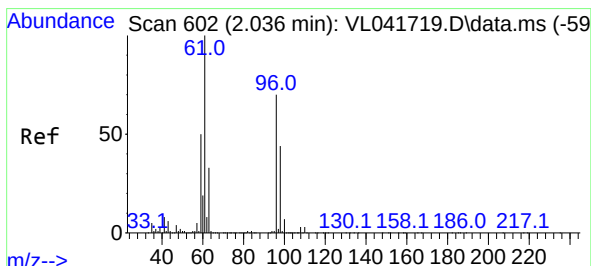
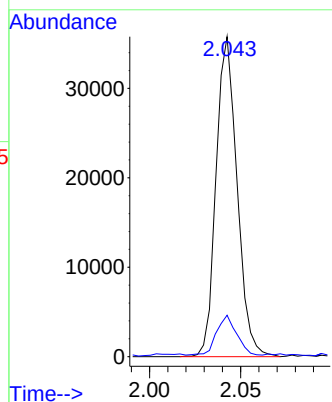
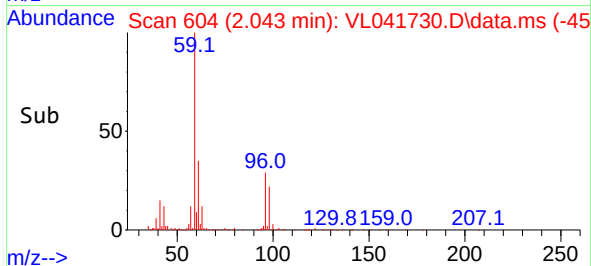
Instrument : MSVOA_1
ClientSampleId :
LOQ-AIR-02-QT4-2024



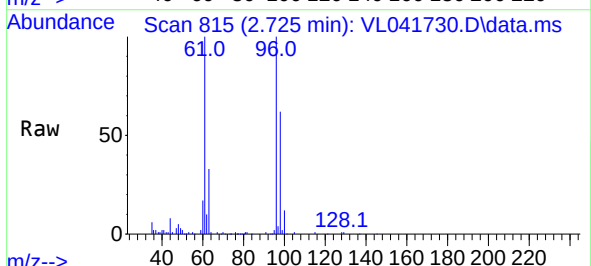
Tgt Ion: 59 Resp: 28690
Ion Ratio Lower Upper
59 100
57 13.3 8.2 12.4

Manual Integrations
APPROVED

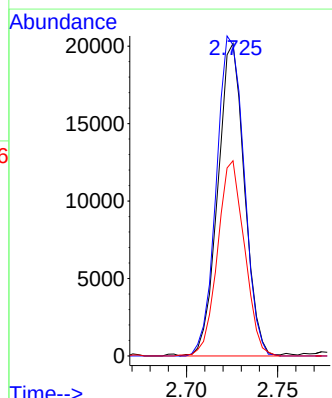
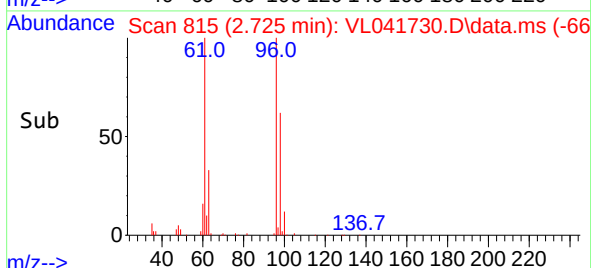
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

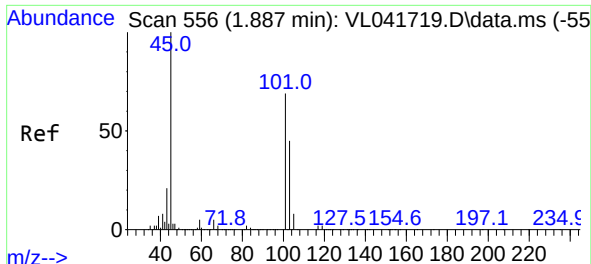


#18
1,1-Dichloroethene
Concen: 0.547 ppbv
RT: 2.725 min Scan# 815
Delta R.T. -0.000 min
Lab File: VL041730.D
Acq: 11 Dec 2024 20:31



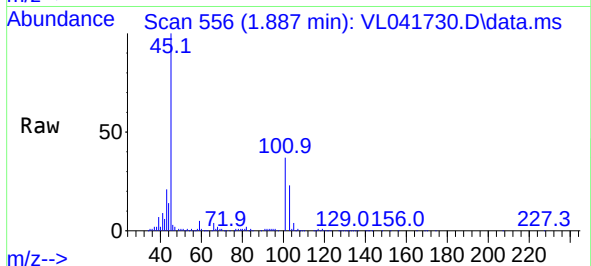
Tgt Ion: 96 Resp: 20476
Ion Ratio Lower Upper
96 100
61 99.5 84.8 127.2
98 62.5 51.2 76.8





#19
Isopropyl Alcohol
Concen: 0.954 ppbv
RT: 1.887 min Scan# 556
Delta R.T. -0.000 min
Lab File: VL041730.D
Acq: 11 Dec 2024 20:31

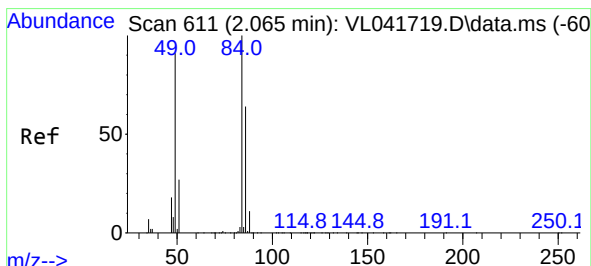
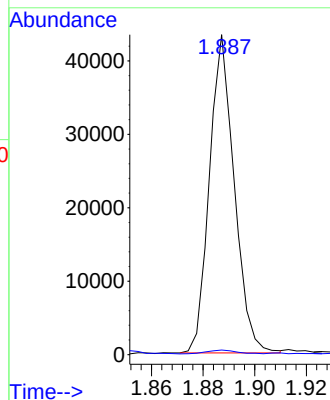
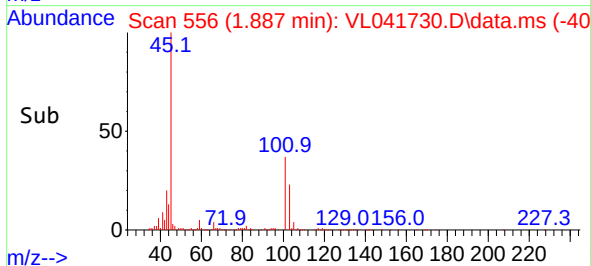
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2024



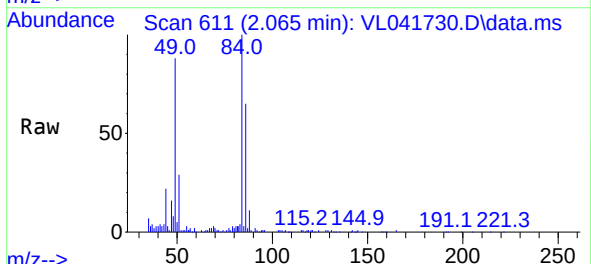
Tgt Ion: 45 Resp: 2892
Ion Ratio Lower Upper
45 100
58 3.6 40.6 61.0

Manual Integrations
APPROVED

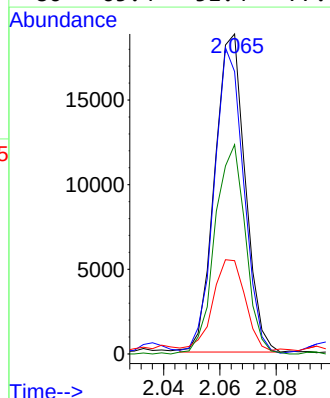
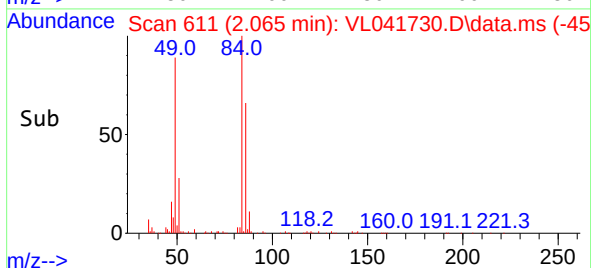
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

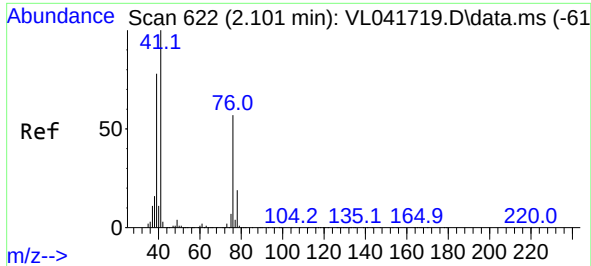


#20
Methylene Chloride
Concen: 0.731 ppbv
RT: 2.065 min Scan# 611
Delta R.T. -0.000 min
Lab File: VL041730.D
Acq: 11 Dec 2024 20:31



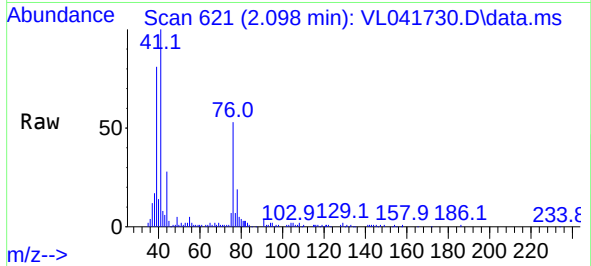
Tgt Ion: 84 Resp: 14121
Ion Ratio Lower Upper
84 100
49 88.5 73.6 110.4
51 27.8 22.7 34.1
86 65.4 51.4 77.0





#21
Allyl Chloride
Concen: 0.586 ppbv
RT: 2.098 min Scan# 601
Delta R.T. -0.003 min
Lab File: VL041730.D
Acq: 11 Dec 2024 20:31

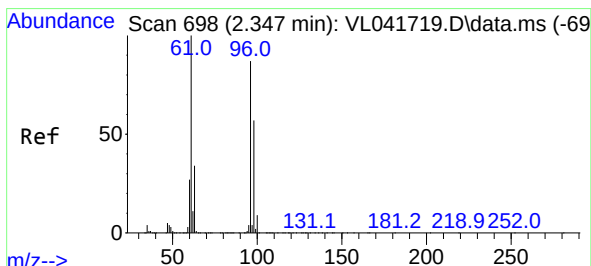
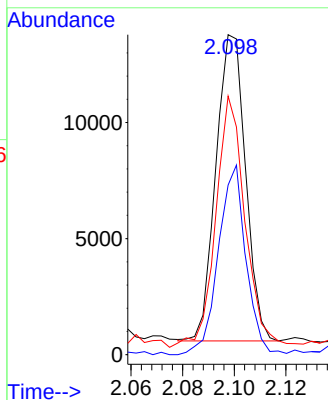
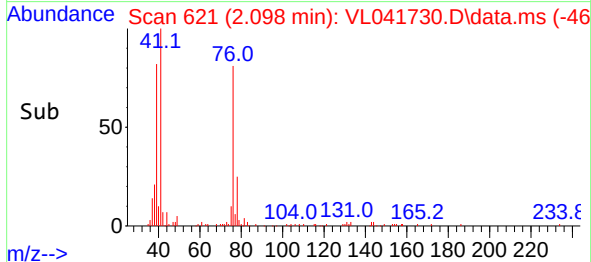
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2024



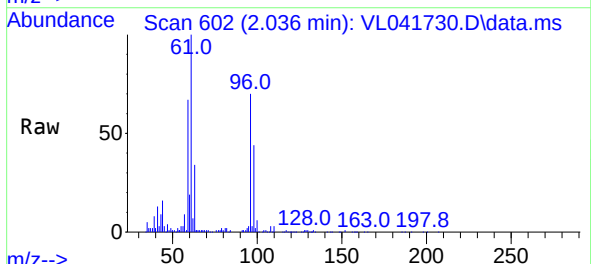
Tgt Ion: 41 Resp: 10529
Ion Ratio Lower Upper
41 100
76 58.6 44.2 66.2
39 82.5 62.8 94.2

Manual Integrations
APPROVED

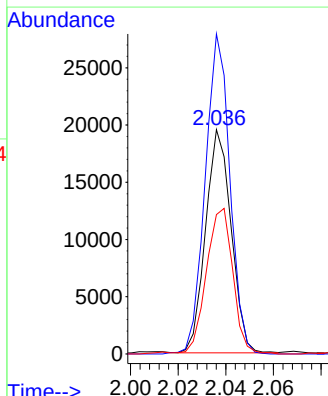
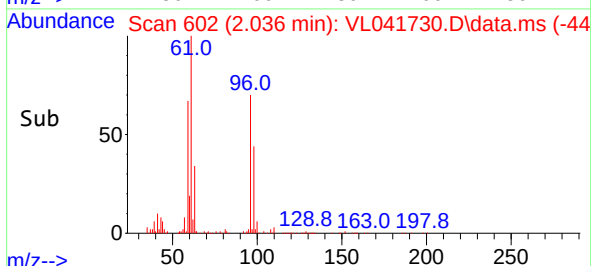
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

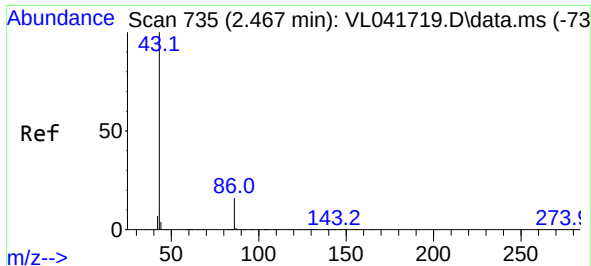


#22
trans-1,2-Dichloroethene
Concen: 0.637 ppbv
RT: 2.036 min Scan# 602
Delta R.T. -0.000 min
Lab File: VL041730.D
Acq: 11 Dec 2024 20:31



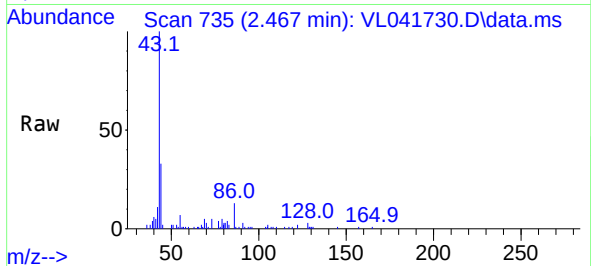
Tgt Ion: 96 Resp: 14558
Ion Ratio Lower Upper
96 100
61 143.4 114.4 171.6
98 62.5 50.6 75.8





#23
 Vinyl Acetate
 Concen: 0.454 ppbv
 RT: 2.467 min Scan# 718
 Delta R.T. -0.000 min
 Lab File: VL041730.D
 Acq: 11 Dec 2024 20:31

Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT4-2024

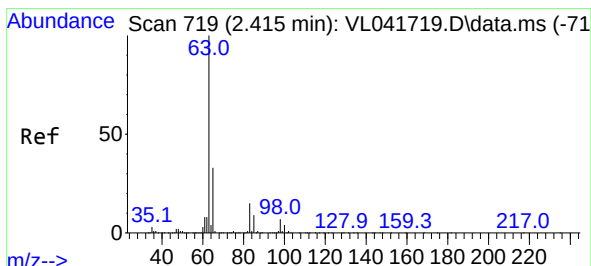
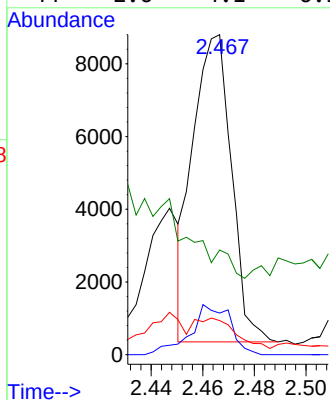
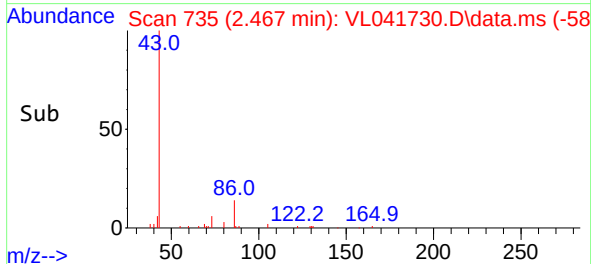


Tgt Ion: 43 Resp: 8780

Ion	Ratio	Lower	Upper
43	100		
86	13.5	11.5	17.3
42	7.8	6.6	10.0
44	2.6	4.1	6.1

Manual Integrations
 APPROVED

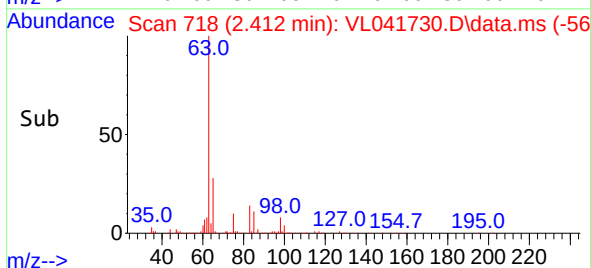
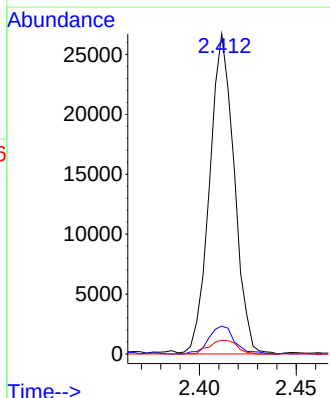
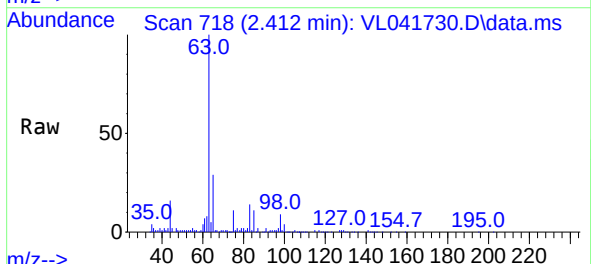
Reviewed By :Mahesh Dadoda 12/13/2024
 Supervised By :Semsettin Yesilyurt 12/13/2024

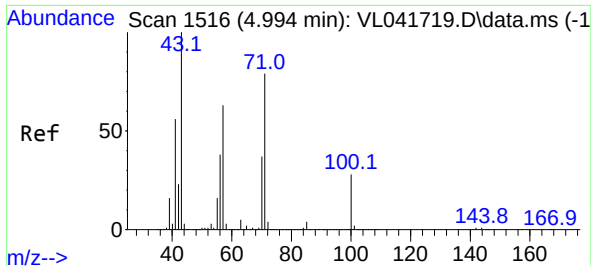


#24
 1,1-Dichloroethane
 Concen: 0.659 ppbv
 RT: 2.412 min Scan# 718
 Delta R.T. -0.003 min
 Lab File: VL041730.D
 Acq: 11 Dec 2024 20:31

Tgt Ion: 63 Resp: 23667

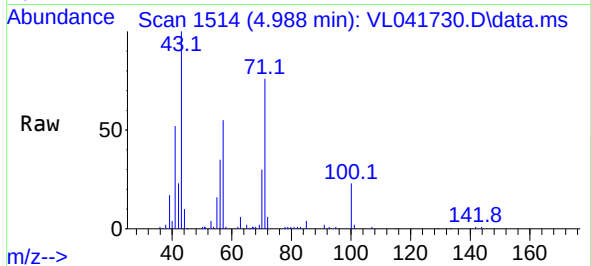
Ion	Ratio	Lower	Upper
63	100		
98	8.7	3.6	10.8
100	4.3	2.3	6.8





#25
Ethyl Acetate
Concen: 0.548 ppbv m
RT: 4.988 min Scan# 1
Delta R.T. -0.007 min
Lab File: VL041730.D
Acq: 11 Dec 2024 20:31

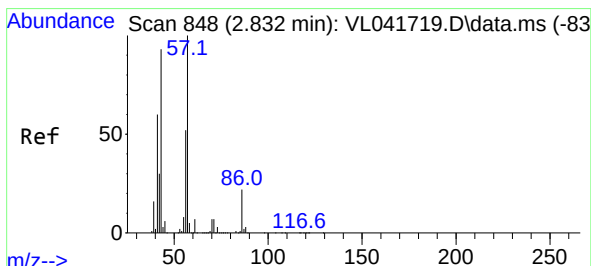
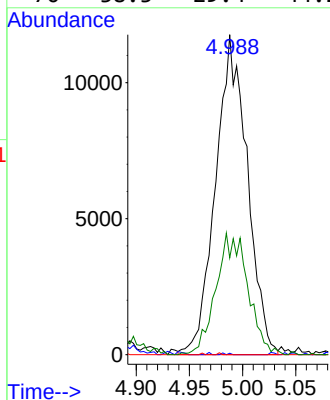
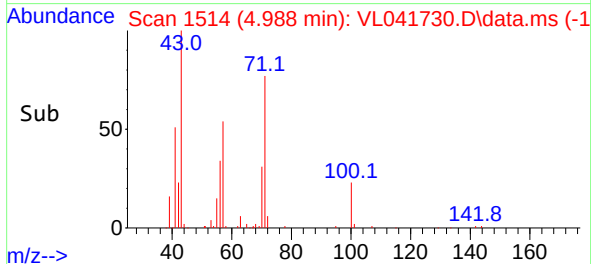
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2024



Tgt Ion: 43 Resp: 24320
Ion Ratio Lower Upper
43 100
45 0.0 0.0 0.0
61 0.0 0.4 0.6
70 38.3 29.4 44.2

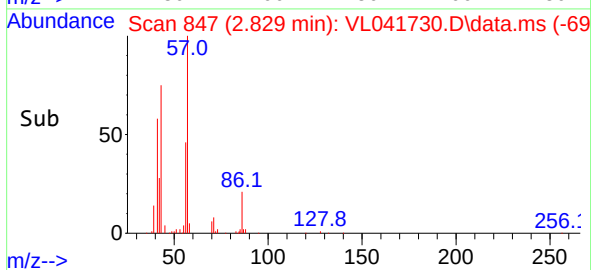
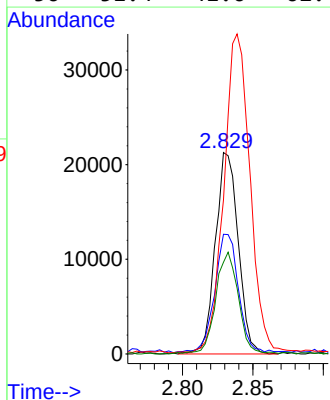
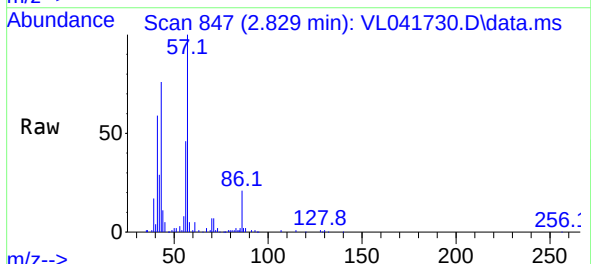
Manual Integrations
APPROVED

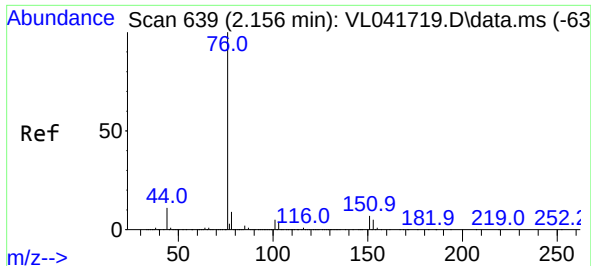
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#26
Hexane
Concen: 0.558 ppbv
RT: 2.829 min Scan# 847
Delta R.T. -0.003 min
Lab File: VL041730.D
Acq: 11 Dec 2024 20:31

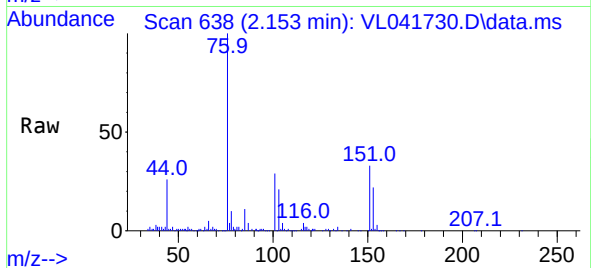
Tgt Ion: 57 Resp: 23980
Ion Ratio Lower Upper
57 100
41 60.7 49.5 74.3
43 182.1 150.6 225.8
56 51.4 41.6 62.4





#27
Carbon Disulfide
Concen: 0.547 ppbv
RT: 2.153 min Scan# 611
Delta R.T. -0.003 min
Lab File: VL041730.D
Acq: 11 Dec 2024 20:31

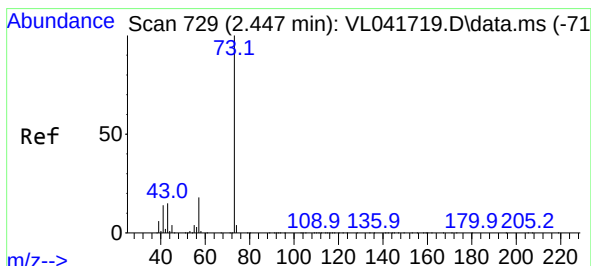
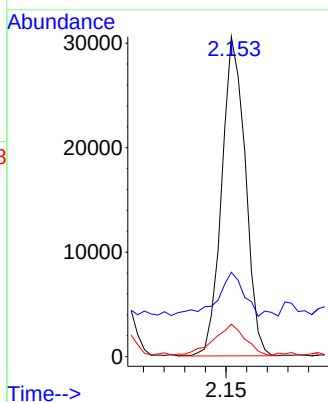
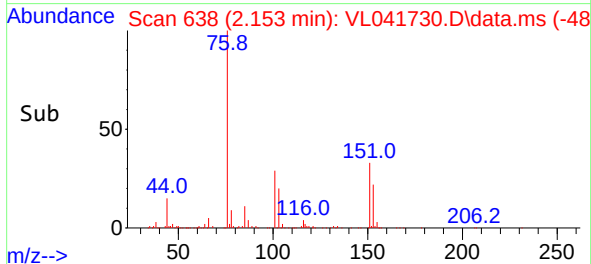
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2024



Tgt Ion: 76 Resp: 24200
Ion Ratio Lower Upper
76 100
44 70.5 9.4 14.0
78 13.4 9.4 14.0

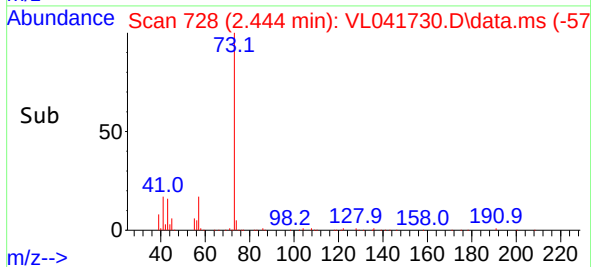
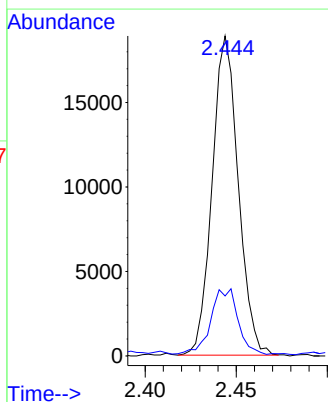
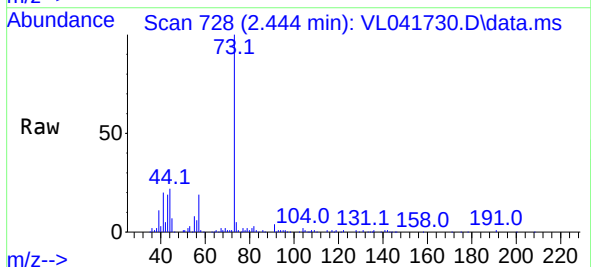
Manual Integrations
APPROVED

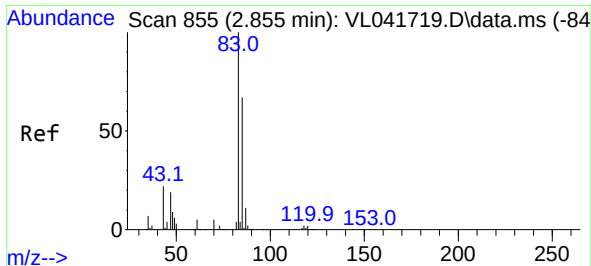
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#28
Methyl tert-Butyl Ether
Concen: 0.583 ppbv
RT: 2.444 min Scan# 728
Delta R.T. -0.003 min
Lab File: VL041730.D
Acq: 11 Dec 2024 20:31

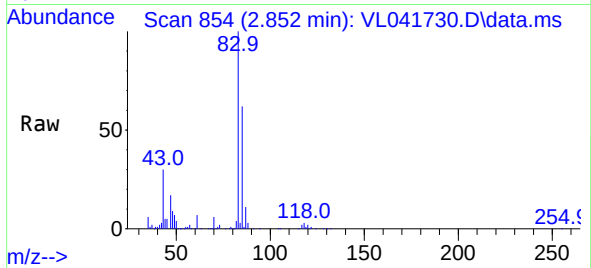
Tgt Ion: 73 Resp: 18829
Ion Ratio Lower Upper
73 100
57 21.9 15.3 22.9





#29
Chloroform
Concen: 0.528 ppbv
RT: 2.852 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL041730.D
Acq: 11 Dec 2024 20:31

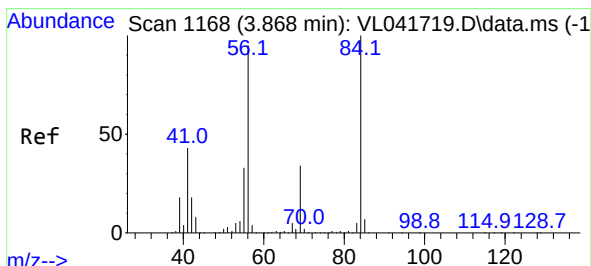
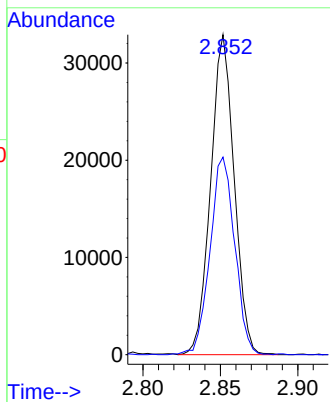
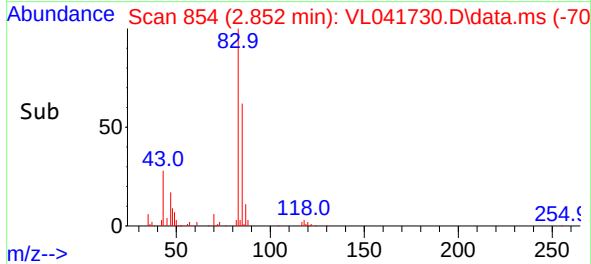
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2024



Tgt Ion: 83 Resp: 3478
Ion Ratio Lower Upper
83 100
85 61.5 53.6 80.4

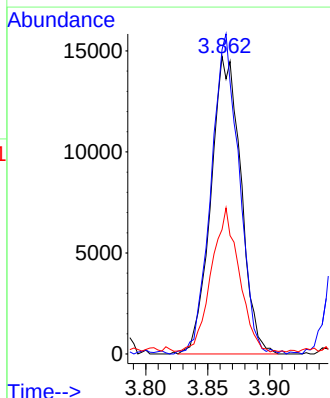
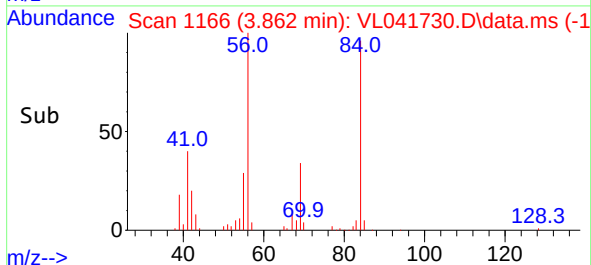
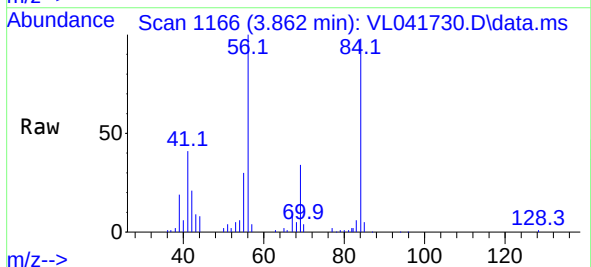
Manual Integrations
APPROVED

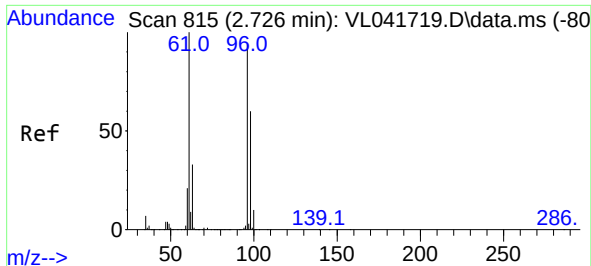
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#30
Cyclohexane
Concen: 0.515 ppbv
RT: 3.862 min Scan# 1166
Delta R.T. -0.007 min
Lab File: VL041730.D
Acq: 11 Dec 2024 20:31

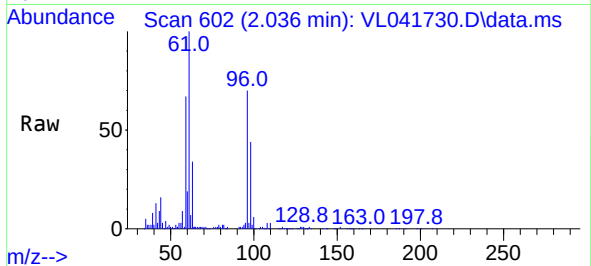
Tgt Ion: 84 Resp: 24872
Ion Ratio Lower Upper
84 100
56 100.0 76.0 114.0
41 45.0 34.2 51.4





#31
cis-1,2-Dichloroethene
Concen: 0.644 ppbv
RT: 2.036 min Scan# 602
Delta R.T. -0.000 min
Lab File: VL041730.D
Acq: 11 Dec 2024 20:31

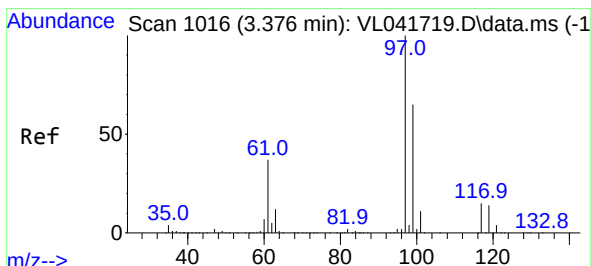
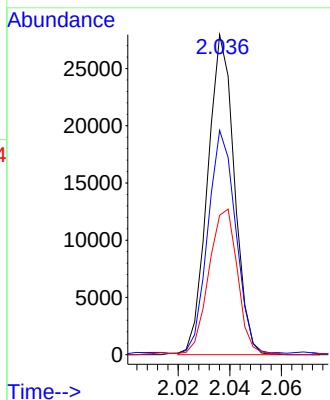
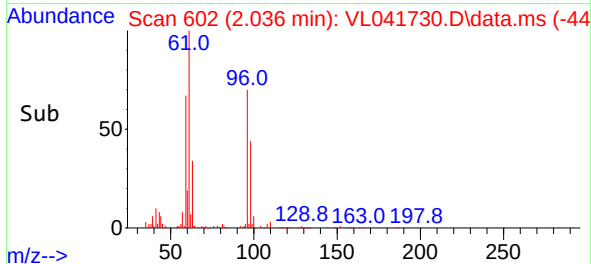
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2024



Tgt Ion: 61 Resp: 20125
Ion Ratio Lower Upper
61 100
96 69.7 55.9 83.9
98 43.2 35.4 53.0

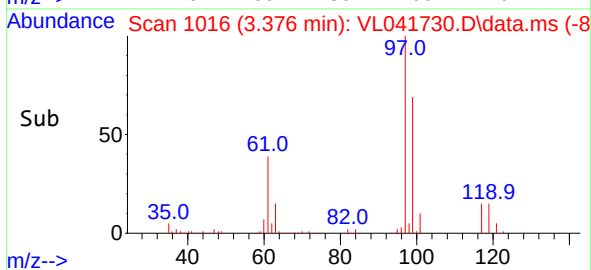
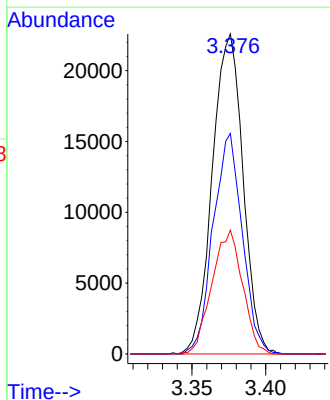
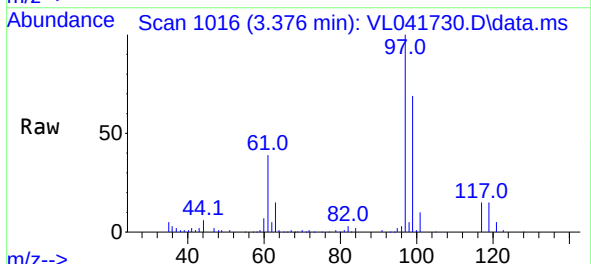
Manual Integrations
APPROVED

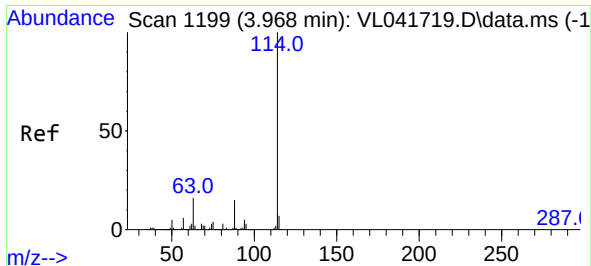
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#32
1,1,1-Trichloroethane
Concen: 0.505 ppbv
RT: 3.376 min Scan# 1016
Delta R.T. -0.000 min
Lab File: VL041730.D
Acq: 11 Dec 2024 20:31

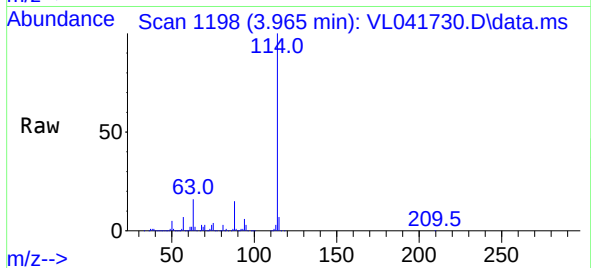
Tgt Ion: 97 Resp: 32685
Ion Ratio Lower Upper
97 100
99 65.4 52.2 78.2
61 38.6 29.8 44.8





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.965 min Scan# 1199
Delta R.T. -0.003 min
Lab File: VL041730.D
Acq: 11 Dec 2024 20:31

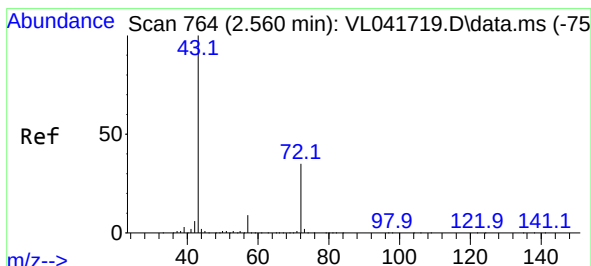
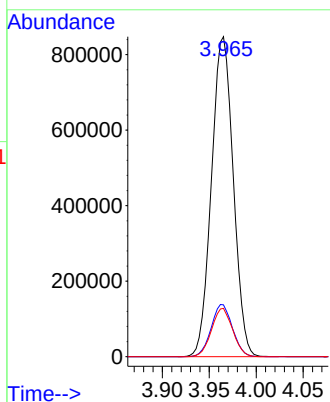
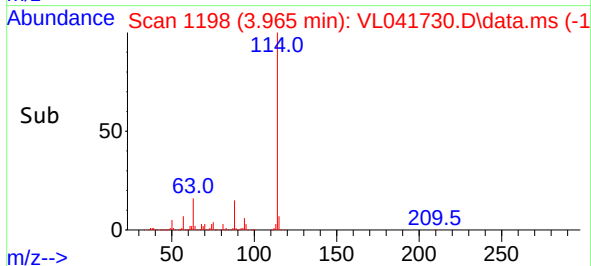
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2024



Tgt Ion:114 Resp: 136799
Ion Ratio Lower Upper
114 100
63 16.0 12.9 19.3
88 14.7 11.8 17.6

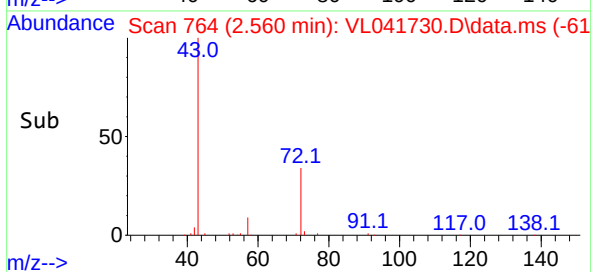
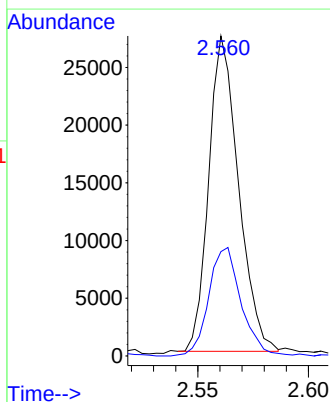
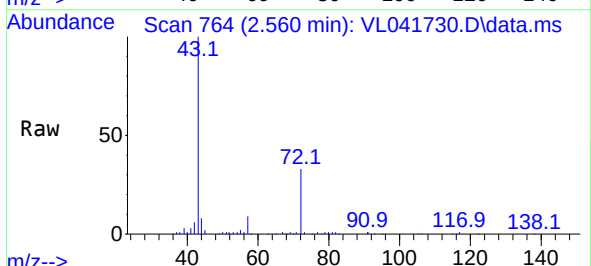
Manual Integrations
APPROVED

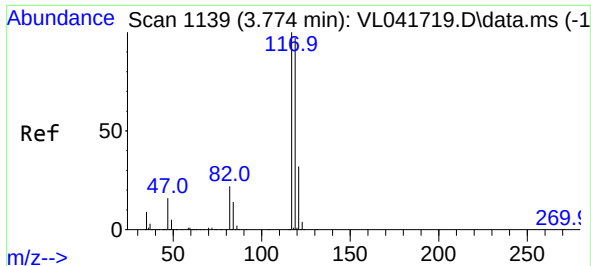
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#34
2-Butanone
Concen: 0.534 ppbv
RT: 2.560 min Scan# 764
Delta R.T. -0.000 min
Lab File: VL041730.D
Acq: 11 Dec 2024 20:31

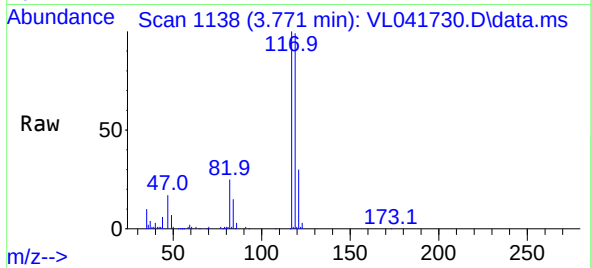
Tgt Ion: 43 Resp: 25565
Ion Ratio Lower Upper
43 100
72 37.7 28.3 42.5





#35
Carbon Tetrachloride
Concen: 0.497 ppbv
RT: 3.771 min Scan# 1139
Delta R.T. -0.003 min
Lab File: VL041730.D
Acq: 11 Dec 2024 20:31

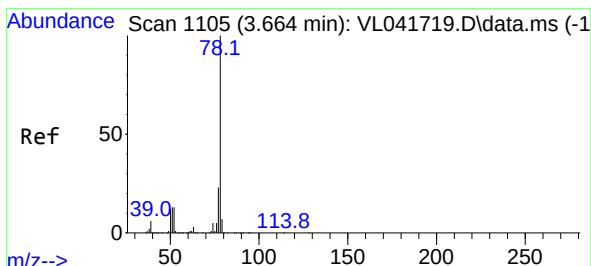
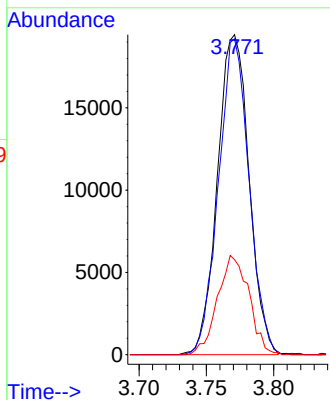
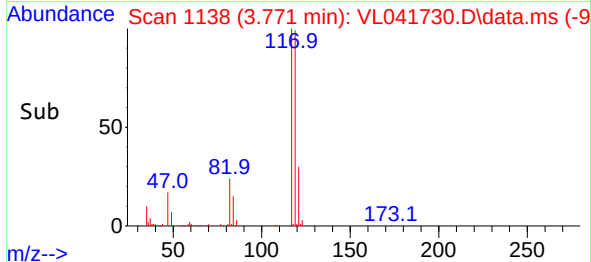
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2024



Tgt Ion: 117 Resp: 31679
Ion Ratio Lower Upper
117 100
119 98.7 77.7 116.5
121 29.7 25.5 38.3

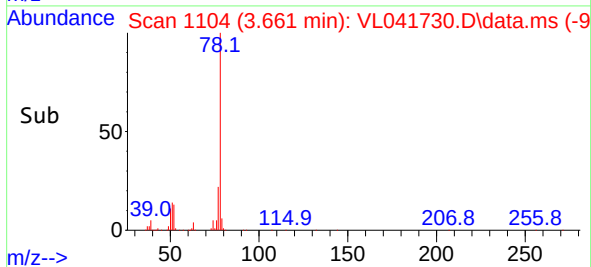
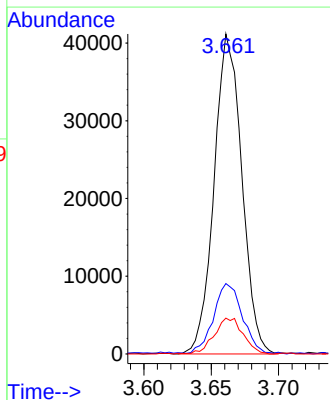
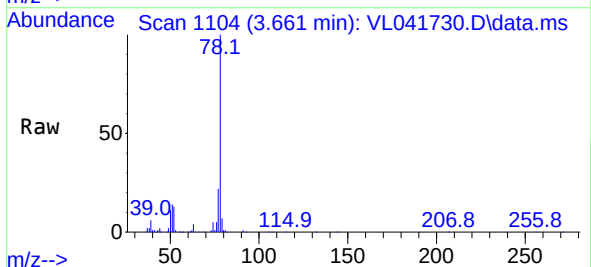
Manual Integrations
APPROVED

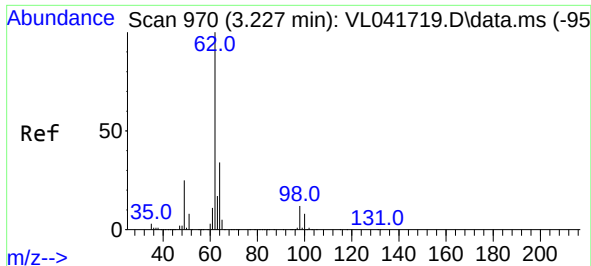
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#36
Benzene
Concen: 0.548 ppbv
RT: 3.661 min Scan# 1104
Delta R.T. -0.003 min
Lab File: VL041730.D
Acq: 11 Dec 2024 20:31

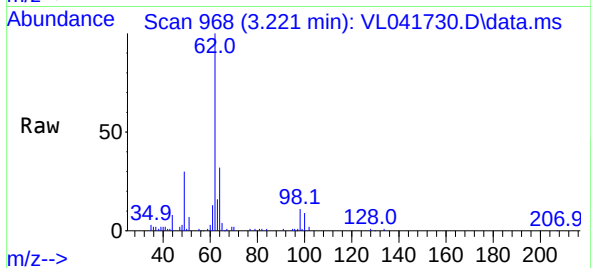
Tgt Ion: 78 Resp: 58916
Ion Ratio Lower Upper
78 100
77 21.6 18.6 27.8
50 11.0 9.5 14.3





#37
1,2-Dichloroethane
Concen: 0.528 ppbv
RT: 3.221 min Scan# 90
Delta R.T. -0.007 min
Lab File: VL041730.D
Acq: 11 Dec 2024 20:31

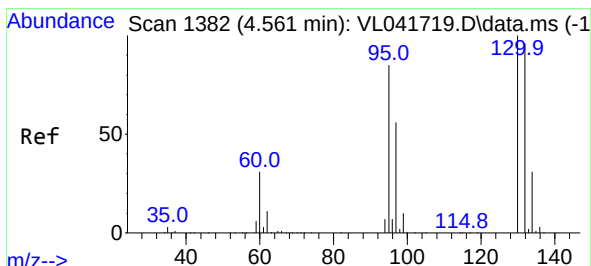
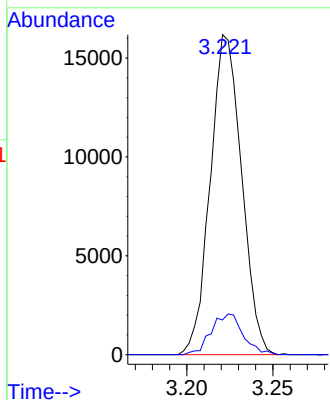
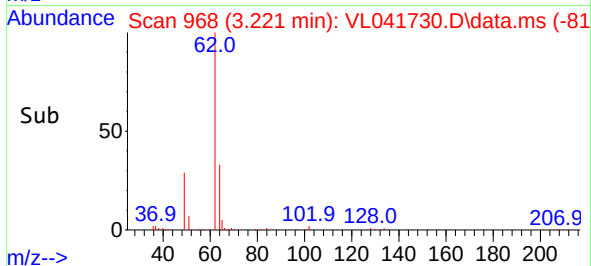
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2024



Tgt Ion: 62 Resp: 20520
Ion Ratio Lower Upper
62 100
98 13.0 9.4 14.2

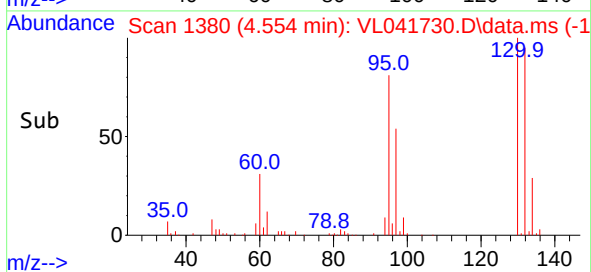
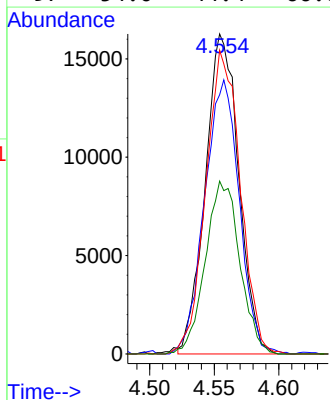
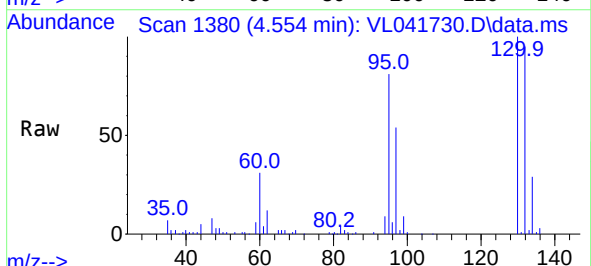
Manual Integrations
APPROVED

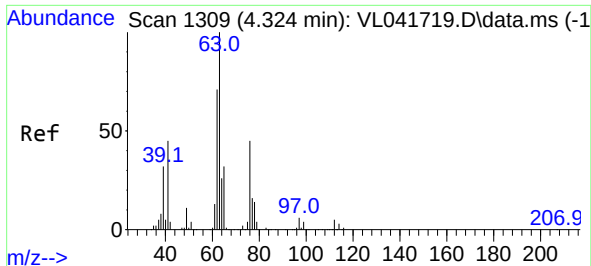
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#38
Trichloroethene
Concen: 0.523 ppbv
RT: 4.554 min Scan# 1380
Delta R.T. -0.007 min
Lab File: VL041730.D
Acq: 11 Dec 2024 20:31

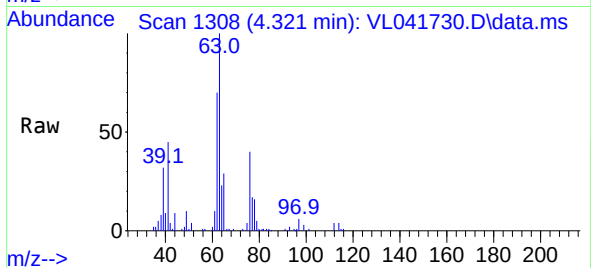
Tgt Ion:130 Resp: 29194
Ion Ratio Lower Upper
130 100
95 80.2 68.0 102.0
132 94.1 76.5 114.7
97 54.0 44.4 66.6





#39
1,2-Dichloropropane
Concen: 0.531 ppbv
RT: 4.321 min Scan# 1309
Delta R.T. -0.003 min
Lab File: VL041730.D
Acq: 11 Dec 2024 20:31

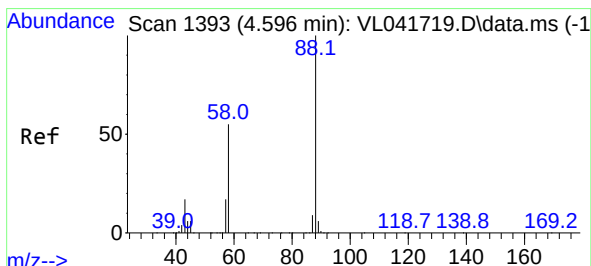
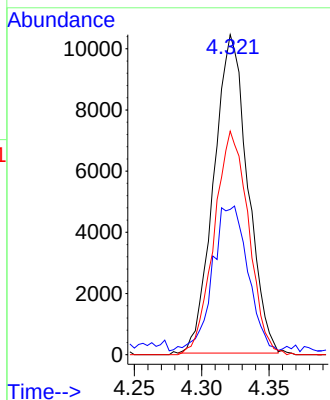
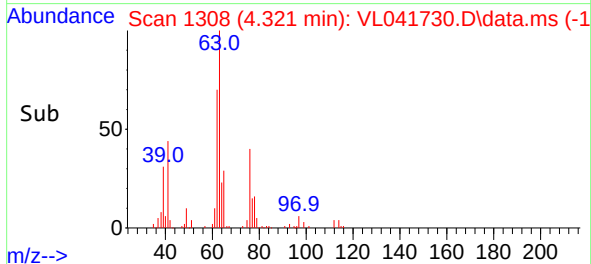
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2024



Tgt Ion: 63 Resp: 1821
Ion Ratio Lower Upper
63 100
41 44.3 36.4 54.6
62 70.2 56.6 85.0

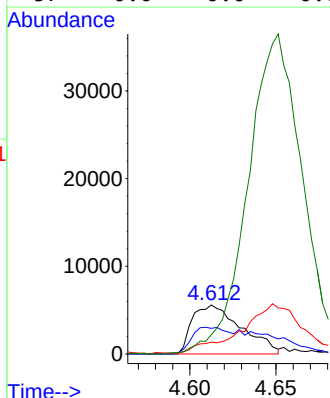
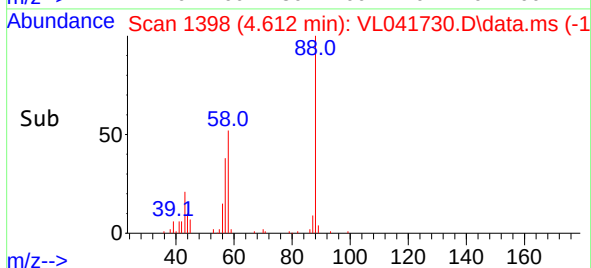
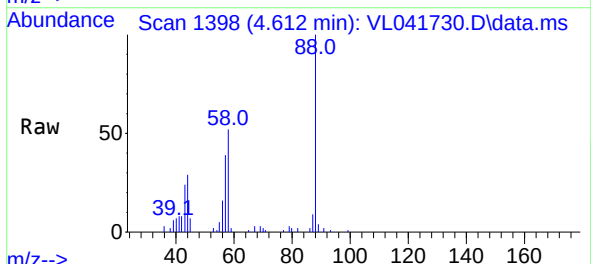
Manual Integrations
APPROVED

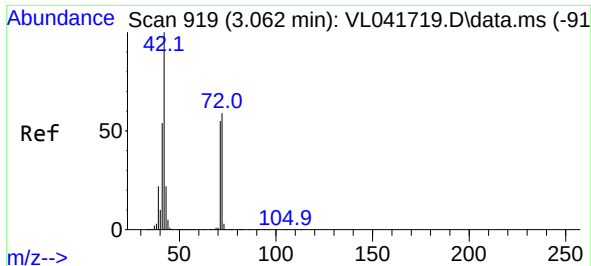
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#40
1,4-Dioxane
Concen: 0.537 ppbv
RT: 4.612 min Scan# 1398
Delta R.T. 0.016 min
Lab File: VL041730.D
Acq: 11 Dec 2024 20:31

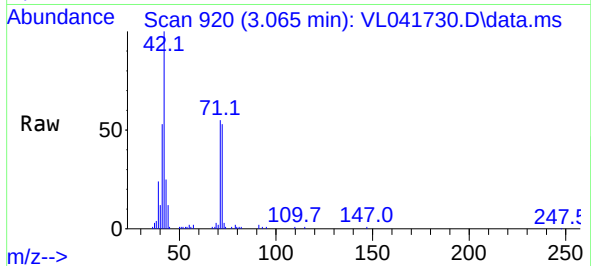
Tgt Ion: 88 Resp: 11114
Ion Ratio Lower Upper
88 100
58 87.8 45.7 68.5#
43 0.0 0.0 0.0
57 0.0 0.0 0.0





#41
Tetrahydrofuran
Concen: 0.527 ppbv
RT: 3.065 min Scan# 919
Delta R.T. 0.003 min
Lab File: VL041730.D
Acq: 11 Dec 2024 20:31

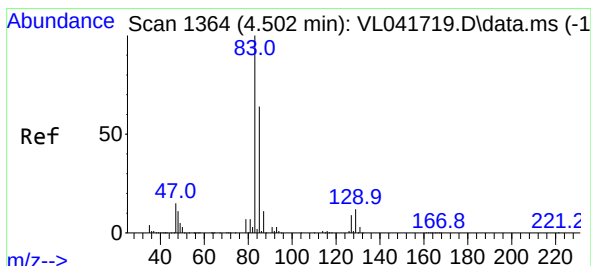
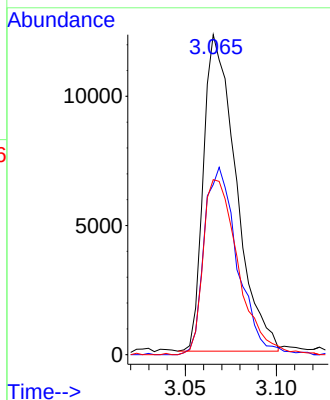
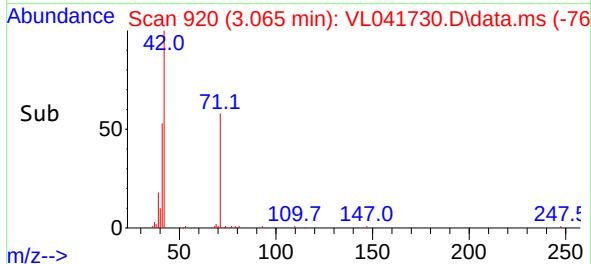
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2024



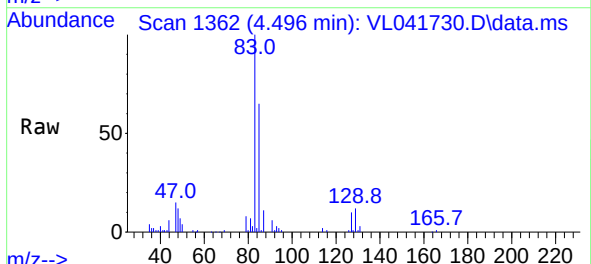
Tgt Ion: 42 Resp: 15225
Ion Ratio Lower Upper
42 100
72 61.0 47.4 71.0
71 59.9 44.4 66.6

Manual Integrations
APPROVED

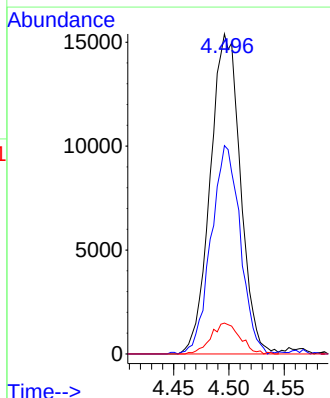
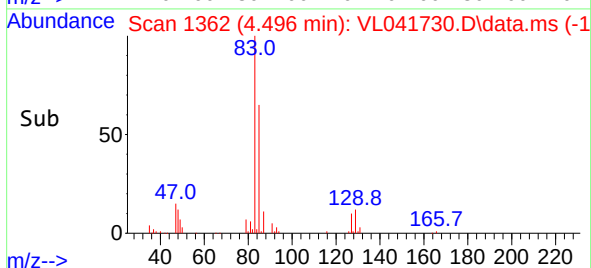
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

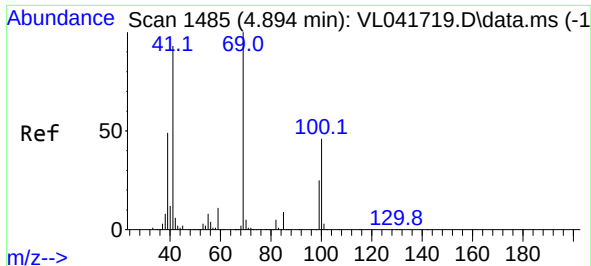


#42
Bromodichloromethane
Concen: 0.464 ppbv
RT: 4.496 min Scan# 1362
Delta R.T. -0.007 min
Lab File: VL041730.D
Acq: 11 Dec 2024 20:31



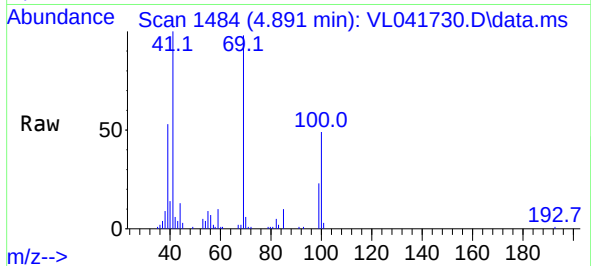
Tgt Ion: 83 Resp: 29106
Ion Ratio Lower Upper
83 100
85 65.1 51.0 76.6
127 9.7 7.6 11.4





#43
Methyl Methacrylate
Concen: 0.510 ppbv
RT: 4.891 min Scan# 1410
Delta R.T. -0.003 min
Lab File: VL041730.D
Acq: 11 Dec 2024 20:31

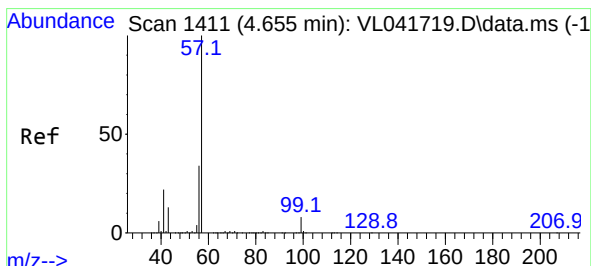
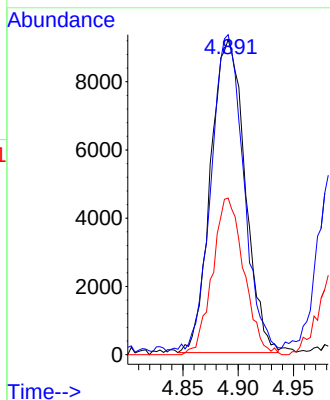
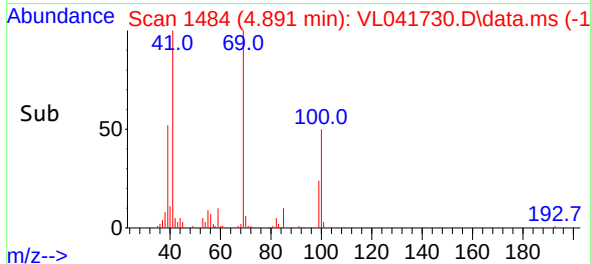
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2024



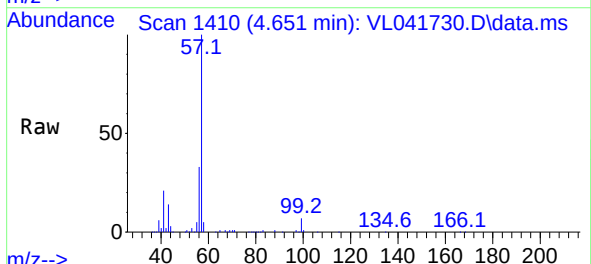
Tgt Ion: 69 Resp: 1977
Ion Ratio Lower Upper
69 100
41 96.8 74.6 112.0
100 45.8 35.5 53.3

Manual Integrations
APPROVED

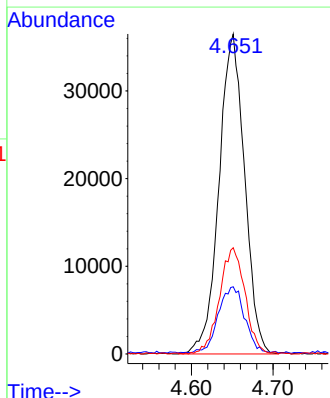
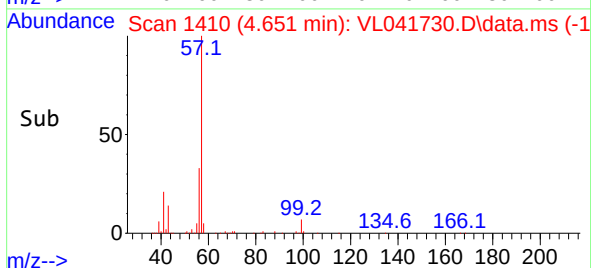
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

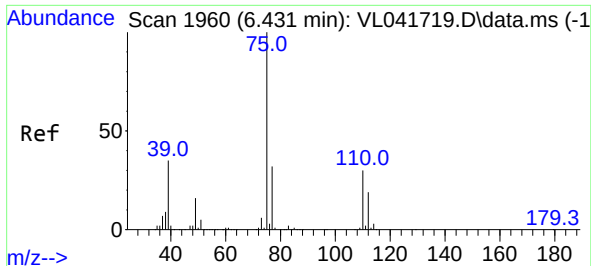


#44
2,2,4-Trimethylpentane
Concen: 0.534 ppbv
RT: 4.651 min Scan# 1410
Delta R.T. -0.003 min
Lab File: VL041730.D
Acq: 11 Dec 2024 20:31



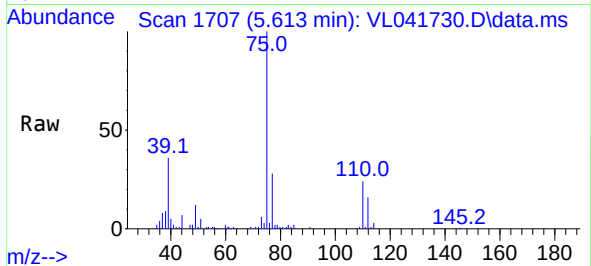
Tgt Ion: 57 Resp: 79892
Ion Ratio Lower Upper
57 100
41 21.9 17.2 25.8
56 33.4 26.6 40.0





#45
t-1,3-Dichloropropene
Concen: 0.471 ppbv
RT: 5.613 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL041730.D
Acq: 11 Dec 2024 20:31

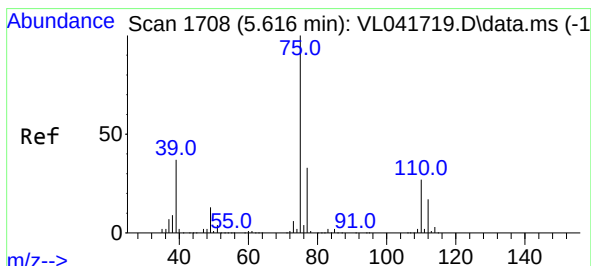
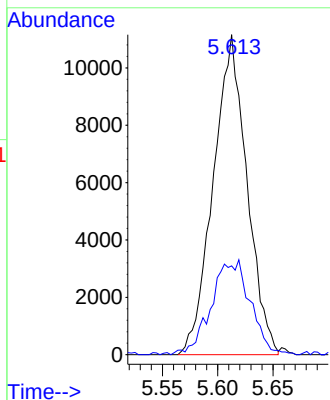
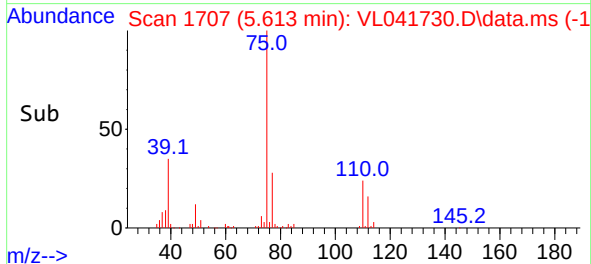
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2024



Tgt Ion: 75 Resp: 23630
Ion Ratio Lower Upper
75 100
77 27.7 26.2 39.4

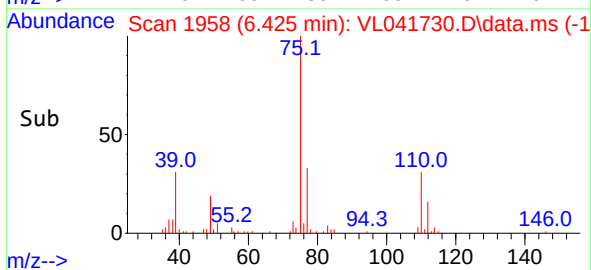
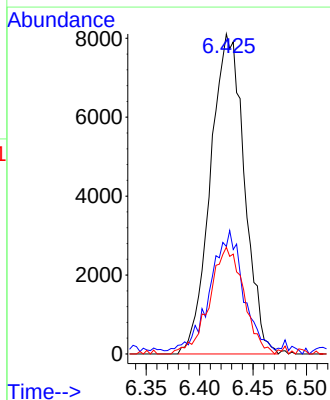
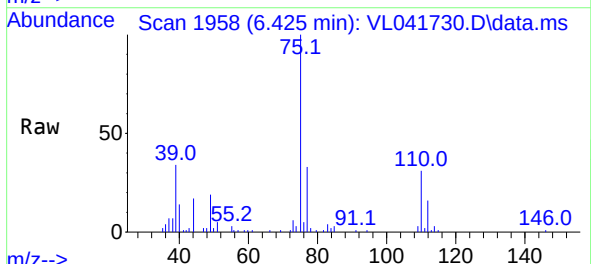
Manual Integrations
APPROVED

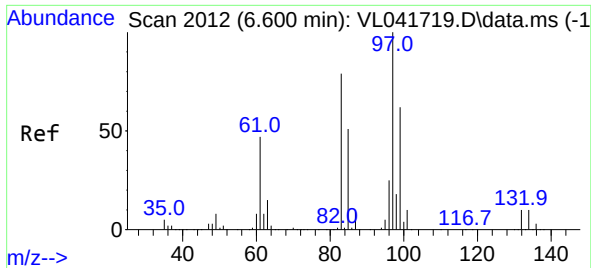
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#46
cis-1,3-Dichloropropene
Concen: 0.472 ppbv
RT: 6.425 min Scan# 1958
Delta R.T. -0.007 min
Lab File: VL041730.D
Acq: 11 Dec 2024 20:31

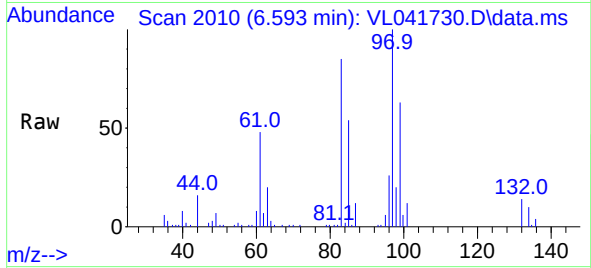
Tgt Ion: 75 Resp: 17868
Ion Ratio Lower Upper
75 100
39 31.8 28.1 42.1
77 32.0 25.8 38.6





#47
1,1,2-Trichloroethane
Concen: 0.515 ppbv
RT: 6.593 min Scan# 2010
Delta R.T. -0.007 min
Lab File: VL041730.D
Acq: 11 Dec 2024 20:31

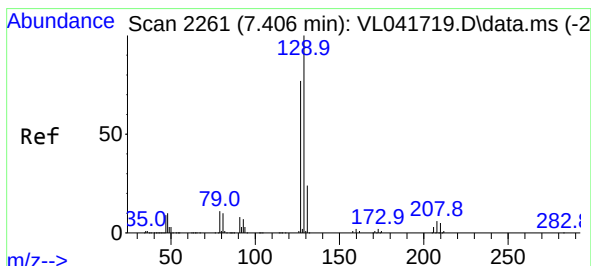
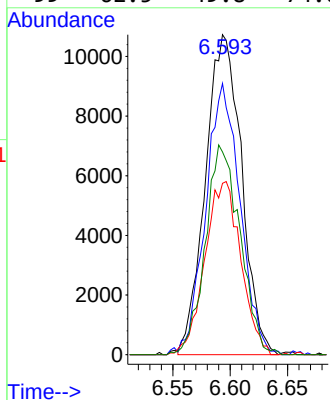
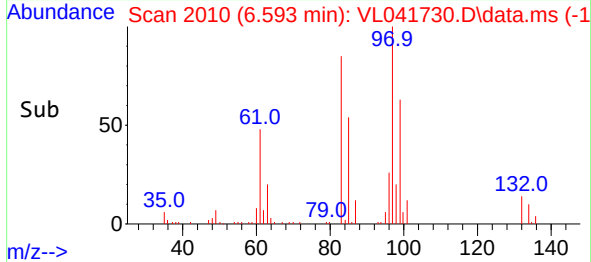
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2024



Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.9	63.0	94.4
85	53.6	41.0	61.6
99	62.5	49.8	74.6

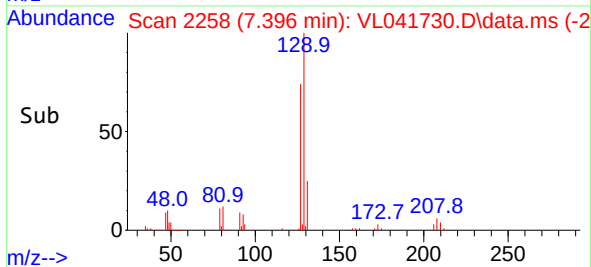
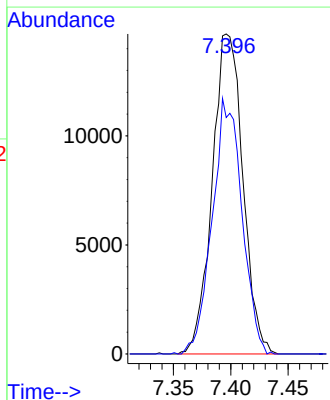
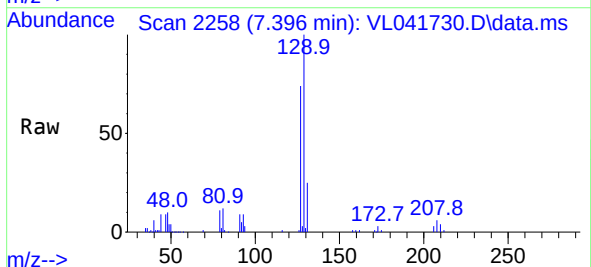
Manual Integrations
APPROVED

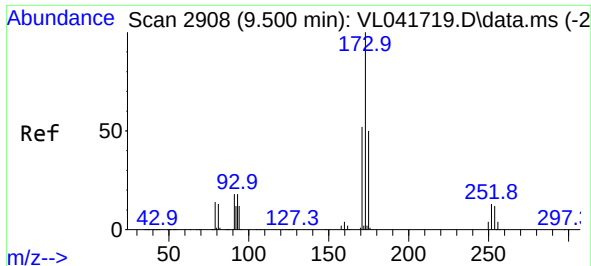
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#48
Dibromochloromethane
Concen: 0.415 ppbv
RT: 7.396 min Scan# 2258
Delta R.T. -0.010 min
Lab File: VL041730.D
Acq: 11 Dec 2024 20:31

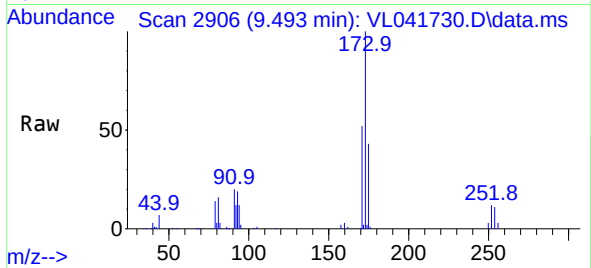
Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.2	38.6	115.7





#49
Bromoform
Concen: 0.383 ppbv
RT: 9.493 min Scan# 2908
Delta R.T. -0.007 min
Lab File: VL041730.D
Acq: 11 Dec 2024 20:31

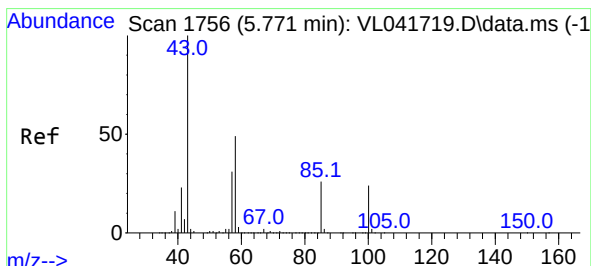
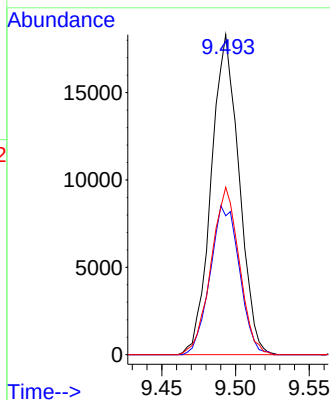
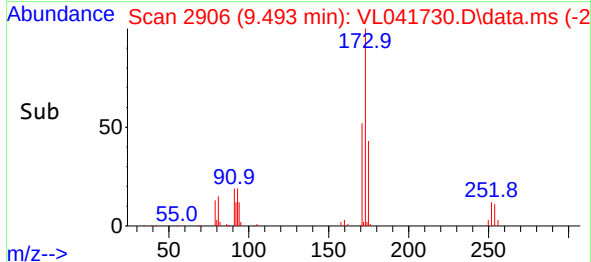
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2024



Tgt Ion:173 Resp: 2410
Ion Ratio Lower Upper
173 100
175 49.1 39.5 59.3
171 52.9 41.4 62.0

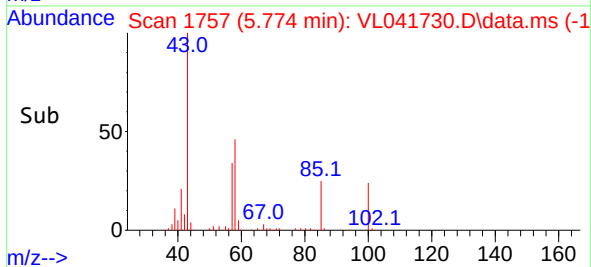
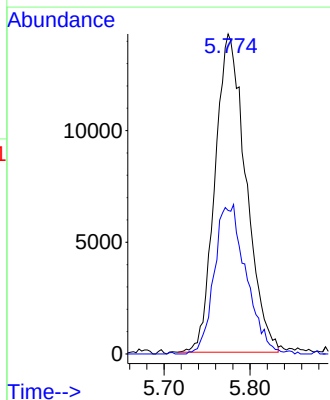
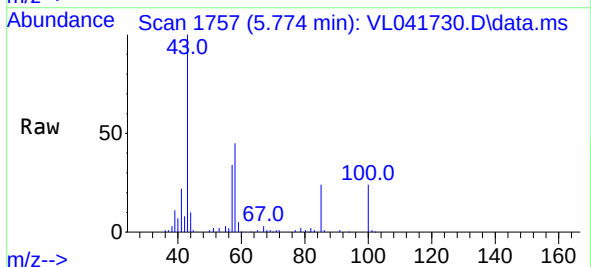
Manual Integrations
APPROVED

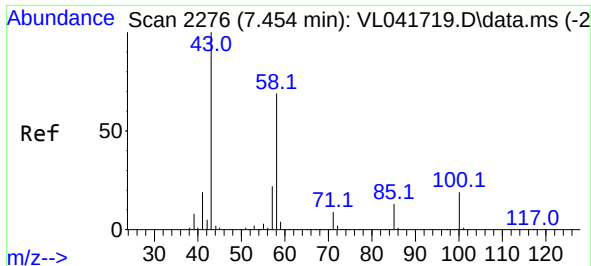
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#50
4-Methyl-2-Pentanone
Concen: 0.517 ppbv
RT: 5.774 min Scan# 1757
Delta R.T. 0.003 min
Lab File: VL041730.D
Acq: 11 Dec 2024 20:31

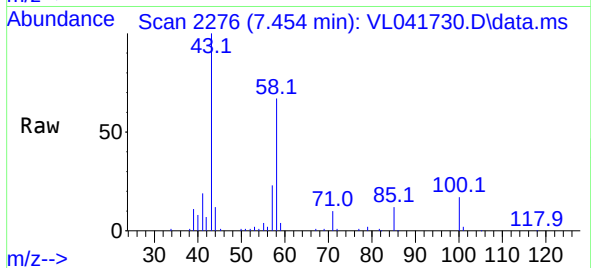
Tgt Ion: 43 Resp: 35525
Ion Ratio Lower Upper
43 100
58 48.5 38.9 58.3





#51
2-Hexanone
Concen: 0.501 ppbv
RT: 7.454 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL041730.D
Acq: 11 Dec 2024 20:31

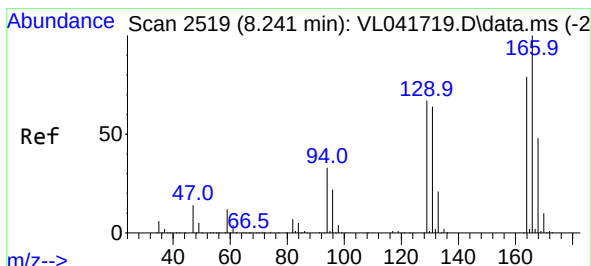
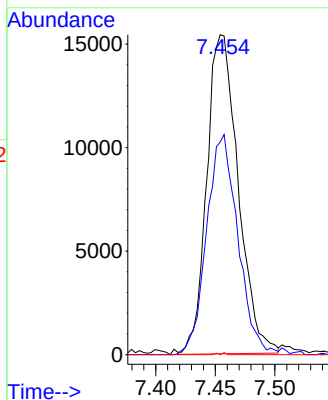
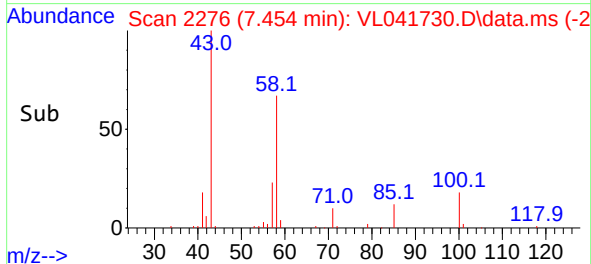
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2024



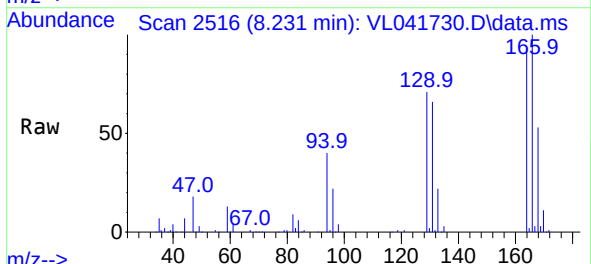
Tgt Ion: 43 Resp: 2829
Ion Ratio Lower Upper
43 100
58 69.2 54.2 81.4
98 0.0 0.2 0.2

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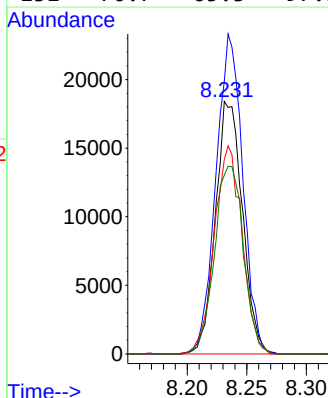
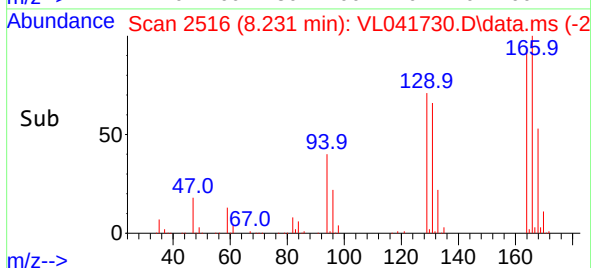
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

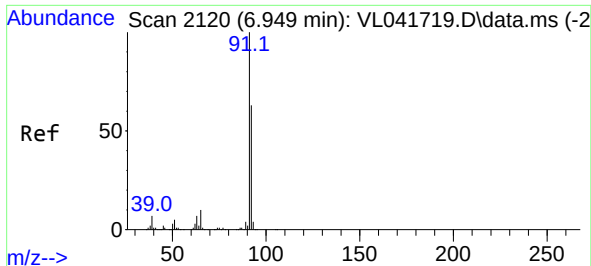


#52
Tetrachloroethene
Concen: 0.511 ppbv
RT: 8.231 min Scan# 2516
Delta R.T. -0.010 min
Lab File: VL041730.D
Acq: 11 Dec 2024 20:31



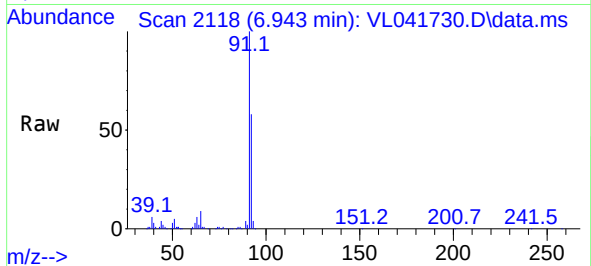
Tgt Ion:164 Resp: 29113
Ion Ratio Lower Upper
164 100
166 107.8 101.4 152.0
129 76.9 67.6 101.4
131 70.7 65.3 97.9





#53
Toluene
Concen: 0.531 ppbv
RT: 6.943 min Scan# 2118
Delta R.T. -0.007 min
Lab File: VL041730.D
Acq: 11 Dec 2024 20:31

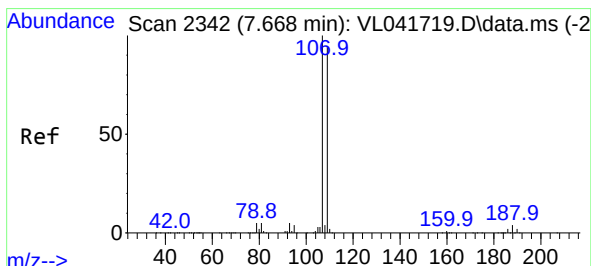
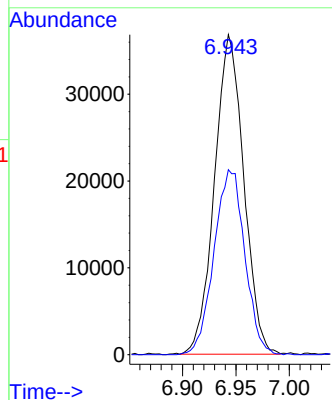
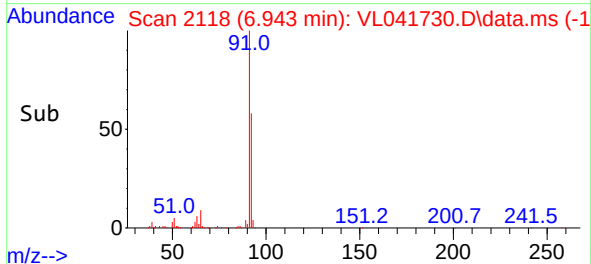
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2024



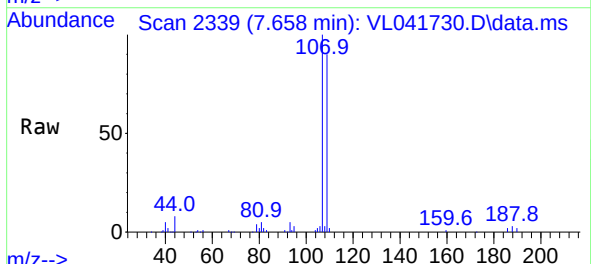
Tgt Ion: 91 Resp: 7017
Ion Ratio Lower Upper
91 100
92 60.9 49.7 74.5

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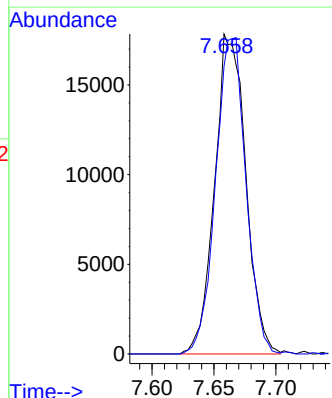
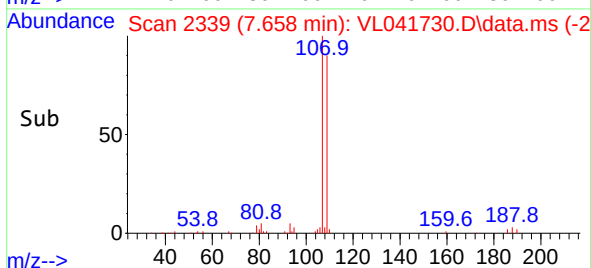
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

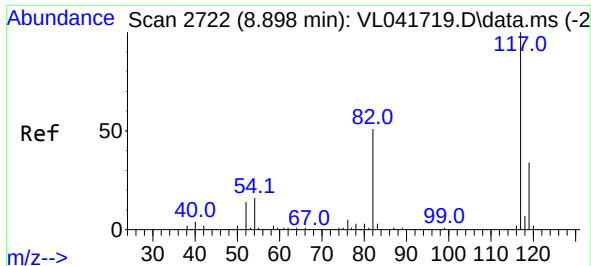


#54
1,2-Dibromoethane
Concen: 0.500 ppbv
RT: 7.658 min Scan# 2339
Delta R.T. -0.010 min
Lab File: VL041730.D
Acq: 11 Dec 2024 20:31



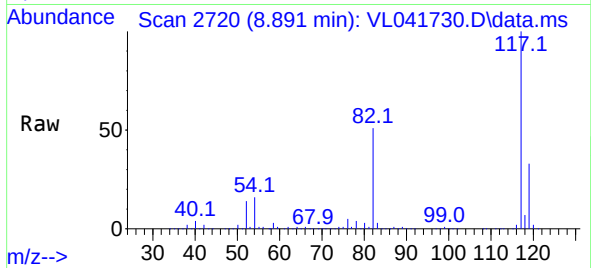
Tgt Ion:107 Resp: 31196
Ion Ratio Lower Upper
107 100
109 89.9 75.5 113.3





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.891 min Scan# 21
Delta R.T. -0.007 min
Lab File: VL041730.D
Acq: 11 Dec 2024 20:31

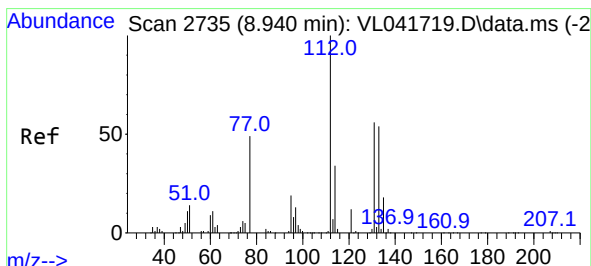
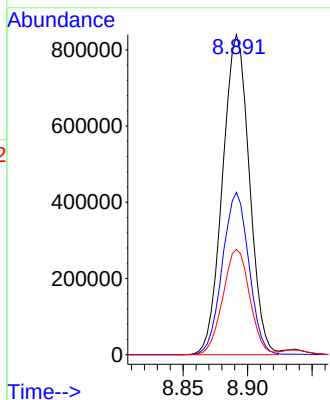
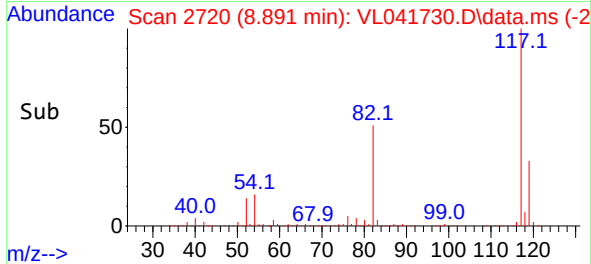
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2024



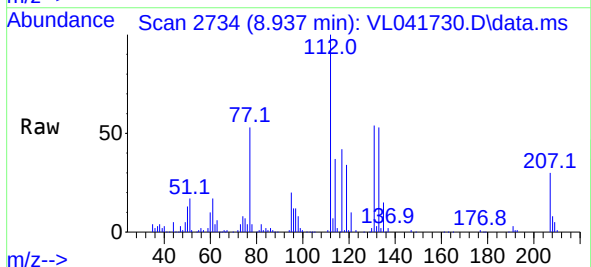
Tgt Ion:117 Resp: 1213209
Ion Ratio Lower Upper
117 100
82 50.4 41.3 61.9
119 34.6 25.8 38.8

Manual Integrations
APPROVED

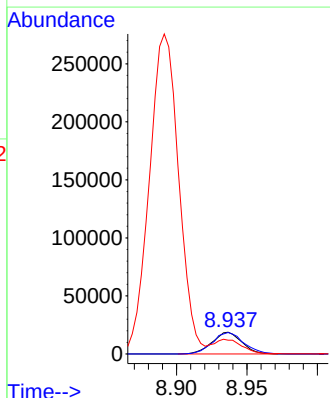
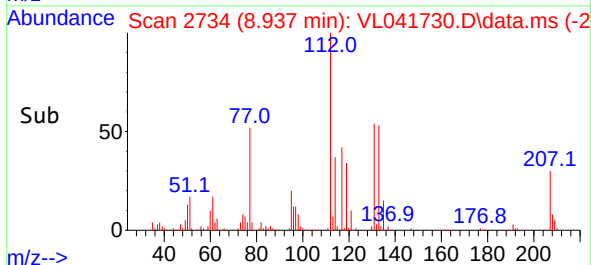
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

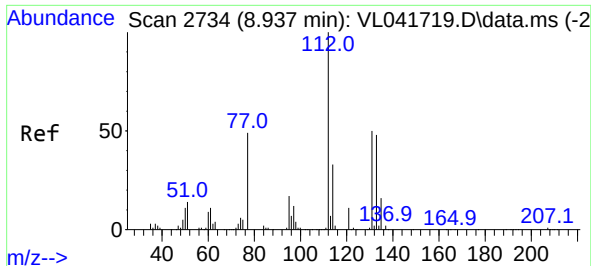


#56
1,1,1,2-Tetrachloroethane
Concen: 0.483 ppbv
RT: 8.937 min Scan# 2734
Delta R.T. -0.003 min
Lab File: VL041730.D
Acq: 11 Dec 2024 20:31



Tgt Ion:131 Resp: 27233
Ion Ratio Lower Upper
131 100
133 104.6 76.9 115.3
119 1539.7 52.6 78.8#





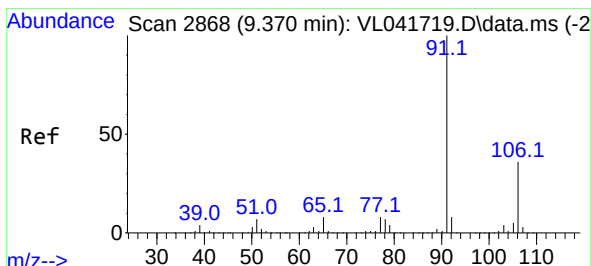
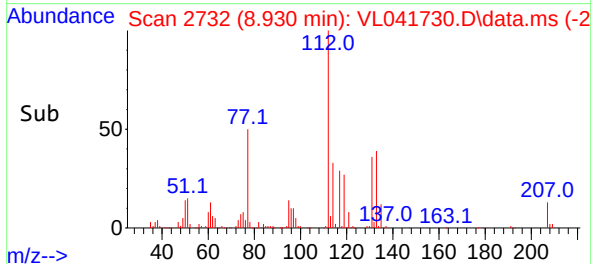
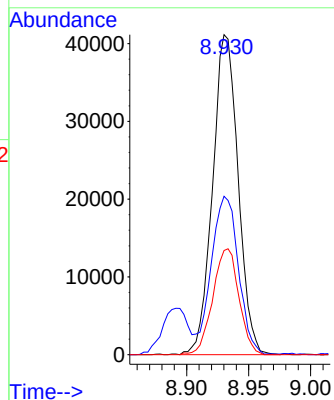
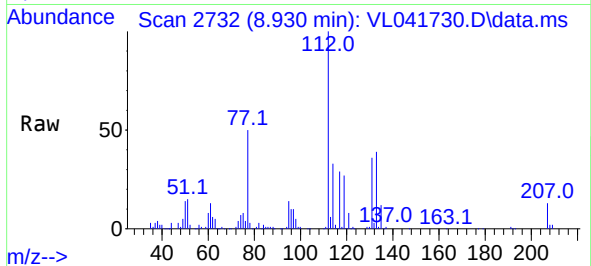
#57
Chlorobenzene
Concen: 0.536 ppbv
RT: 8.930 min Scan# 21
Delta R.T. -0.007 min
Lab File: VL041730.D
Acq: 11 Dec 2024 20:31

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2024

Tgt Ion: 112 Resp: 59124
Ion Ratio Lower Upper
112 100
77 49.3 40.1 60.1
114 32.6 30.2 36.9

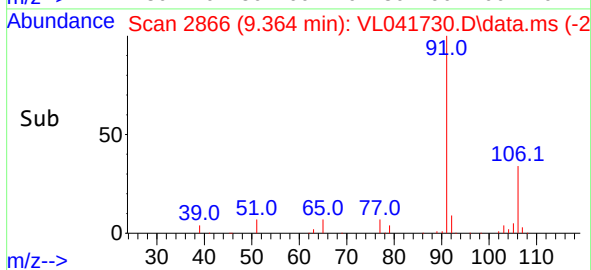
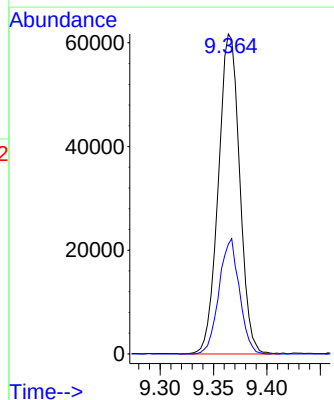
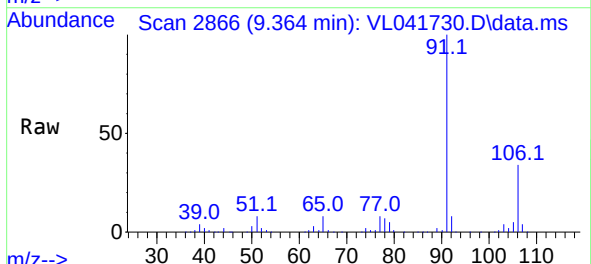
Manual Integrations
APPROVED

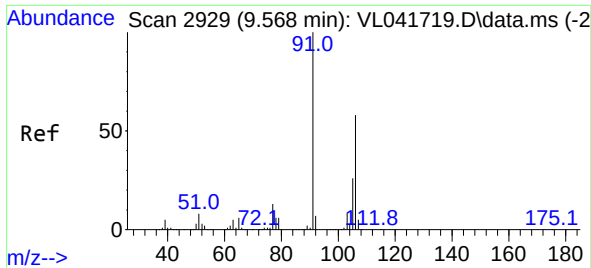
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#58
Ethyl Benzene
Concen: 0.528 ppbv
RT: 9.364 min Scan# 2866
Delta R.T. -0.007 min
Lab File: VL041730.D
Acq: 11 Dec 2024 20:31

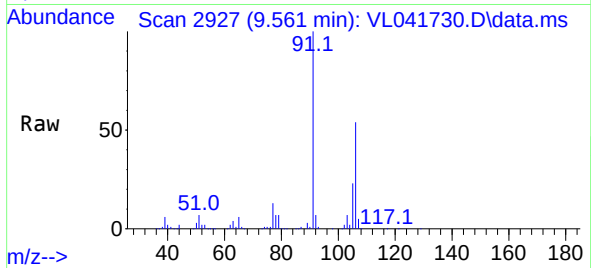
Tgt Ion: 91 Resp: 85671
Ion Ratio Lower Upper
91 100
106 34.3 28.6 43.0





#59
m/p-Xylene
Concen: 1.046 ppbv m
RT: 9.561 min Scan# 2929
Delta R.T. -0.007 min
Lab File: VL041730.D
Acq: 11 Dec 2024 20:31

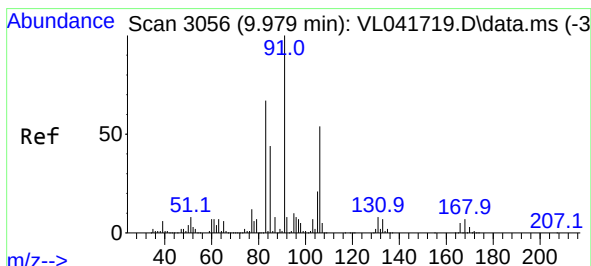
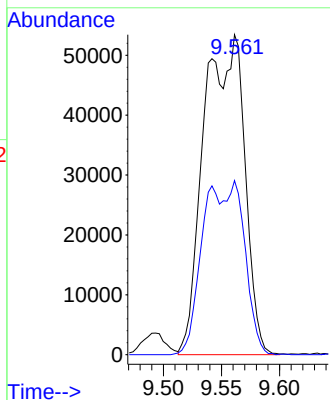
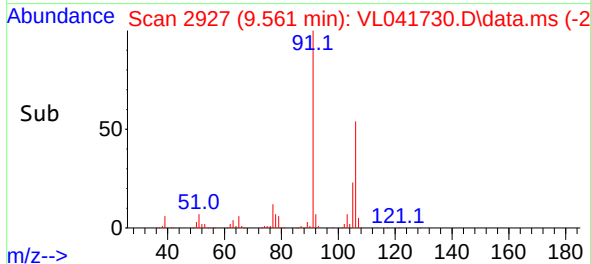
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2024



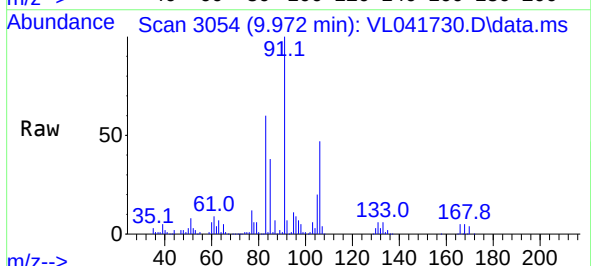
Tgt Ion: 91 Resp: 13016
Ion Ratio Lower Upper
91 100
106 55.4 45.1 67.7

Manual Integrations
APPROVED

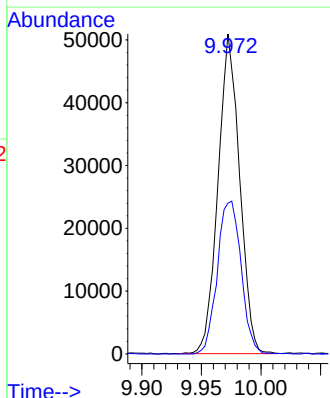
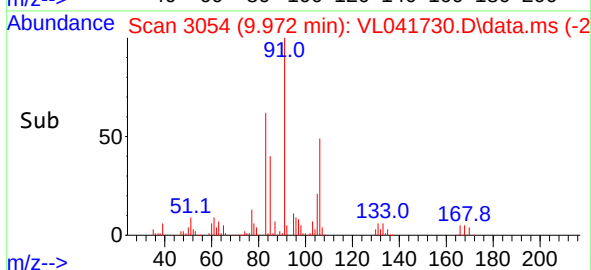
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

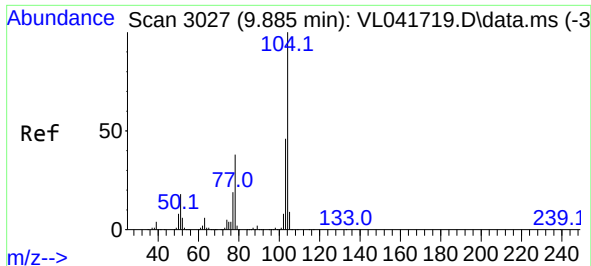


#60
o-Xylene
Concen: 0.519 ppbv
RT: 9.972 min Scan# 3054
Delta R.T. -0.007 min
Lab File: VL041730.D
Acq: 11 Dec 2024 20:31



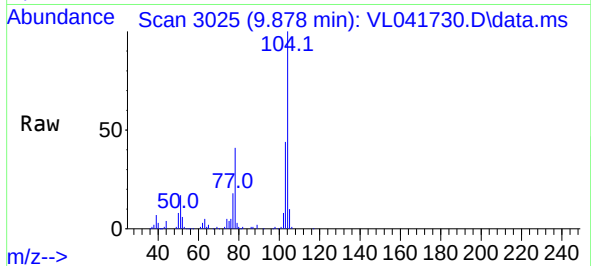
Tgt Ion: 91 Resp: 64066
Ion Ratio Lower Upper
91 100
106 52.7 26.8 80.4





#61
Styrene
Concen: 0.485 ppbv
RT: 9.878 min Scan# 3027
Delta R.T. -0.007 min
Lab File: VL041730.D
Acq: 11 Dec 2024 20:31

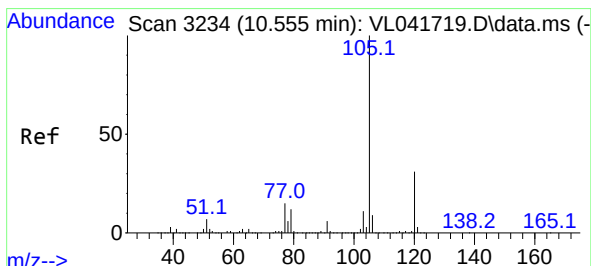
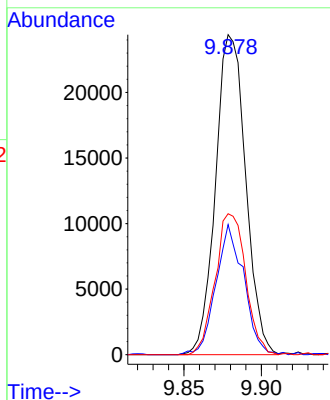
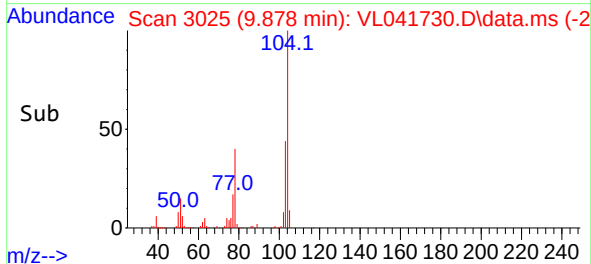
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2024



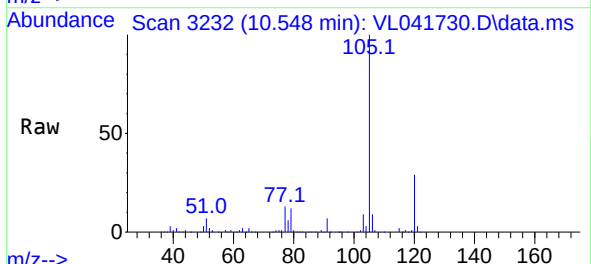
Tgt Ion:104 Resp: 3304
Ion Ratio Lower Upper
104 100
78 37.7 30.2 45.4
103 44.5 36.7 55.1

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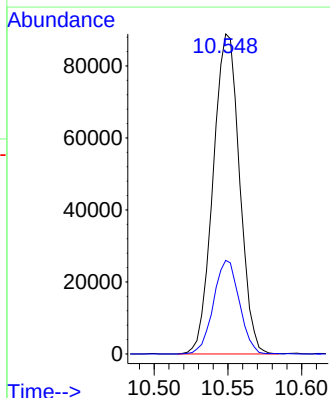
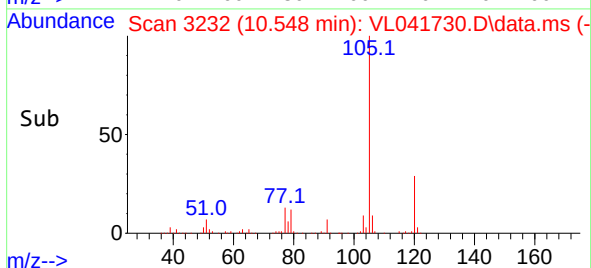
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

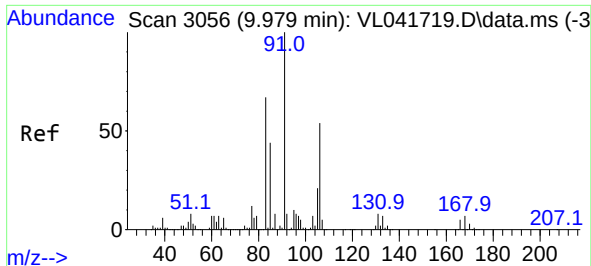


#62
Isopropylbenzene
Concen: 0.544 ppbv
RT: 10.548 min Scan# 3232
Delta R.T. -0.007 min
Lab File: VL041730.D
Acq: 11 Dec 2024 20:31



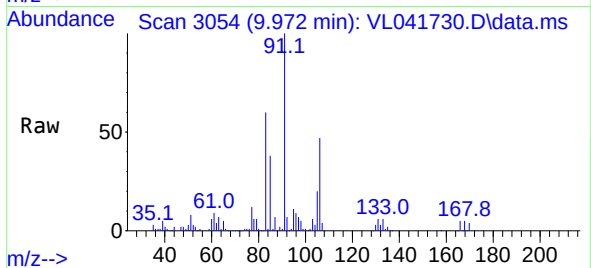
Tgt Ion:105 Resp: 110796
Ion Ratio Lower Upper
105 100
120 28.6 24.3 36.5





#63
1,1,2,2-Tetrachloroethane
Concen: 0.504 ppbv
RT: 9.972 min Scan# 3056
Delta R.T. -0.007 min
Lab File: VL041730.D
Acq: 11 Dec 2024 20:31

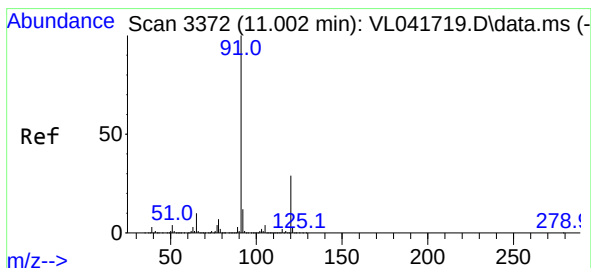
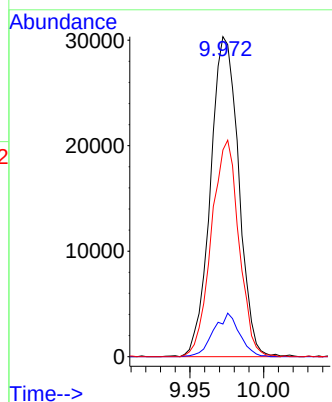
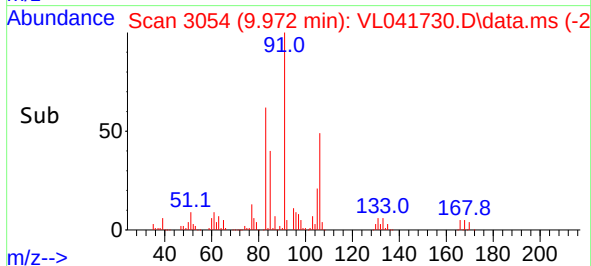
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2024



Tgt Ion: 83 Resp: 4023
Ion Ratio Lower Upper
83 100
131 12.6 5.9 17.6
85 66.3 32.8 98.4

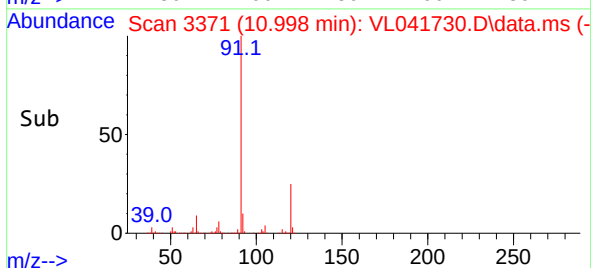
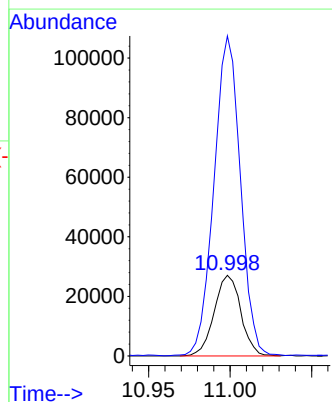
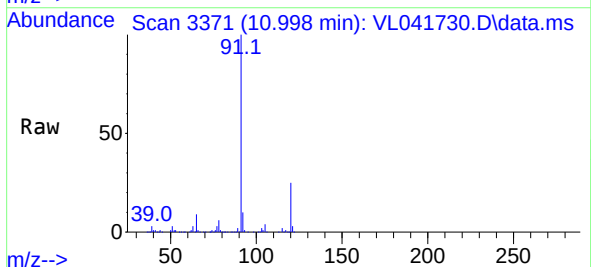
Manual Integrations
APPROVED

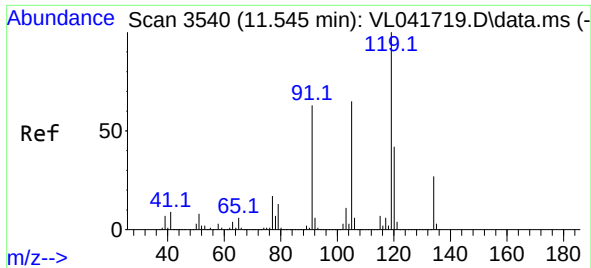
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#64
n-propylbenzene
Concen: 0.512 ppbv
RT: 10.998 min Scan# 3371
Delta R.T. -0.003 min
Lab File: VL041730.D
Acq: 11 Dec 2024 20:31

Tgt Ion:120 Resp: 30702
Ion Ratio Lower Upper
120 100
91 396.8 290.8 436.2





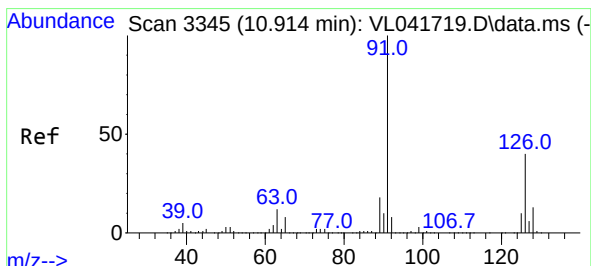
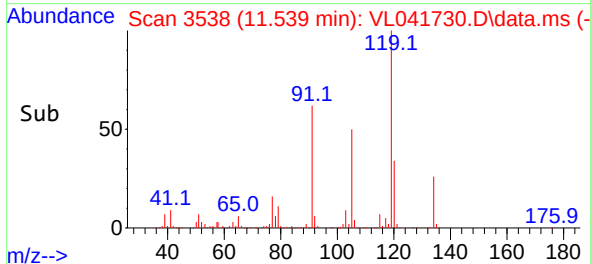
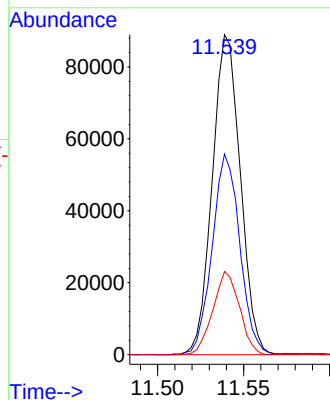
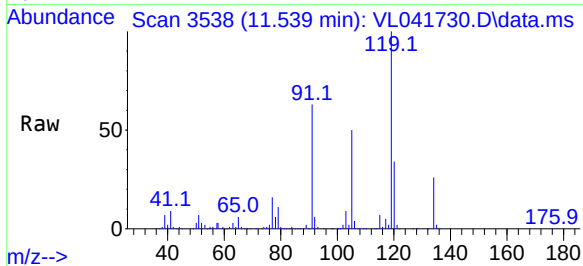
#65
tert-Butylbenzene
Concen: 0.524 ppbv
RT: 11.539 min Scan# 3538
Delta R.T. -0.007 min
Lab File: VL041730.D
Acq: 11 Dec 2024 20:31

Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2024

Tgt Ion:119 Resp: 10108
Ion Ratio Lower Upper
119 100
91 62.1 50.2 75.4
134 24.7 20.4 30.6

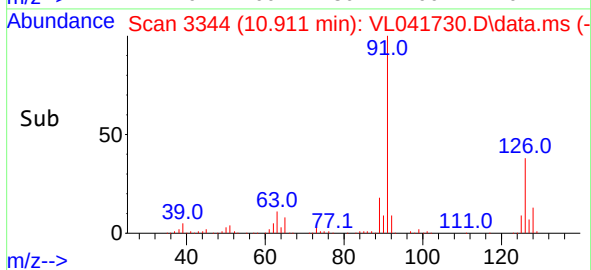
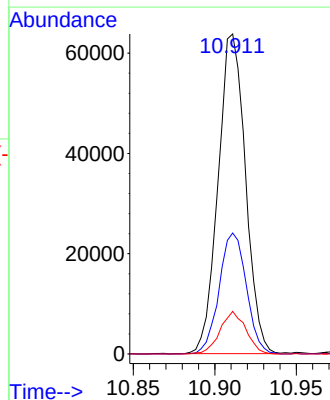
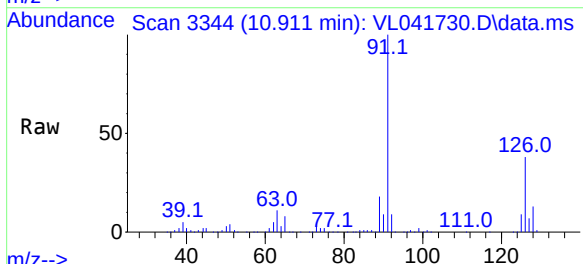
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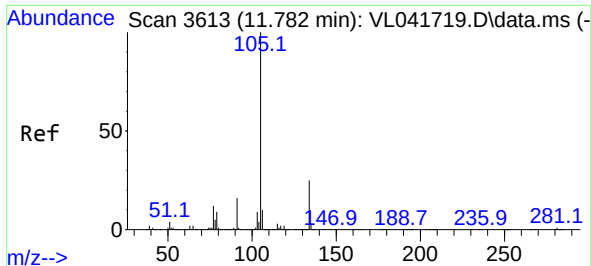
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#66
Benzyl Chloride
Concen: 0.538 ppbv
RT: 10.911 min Scan# 3344
Delta R.T. -0.003 min
Lab File: VL041730.D
Acq: 11 Dec 2024 20:31

Tgt Ion: 91 Resp: 74421
Ion Ratio Lower Upper
91 100
126 37.8 31.8 47.8
128 12.6 10.3 15.5





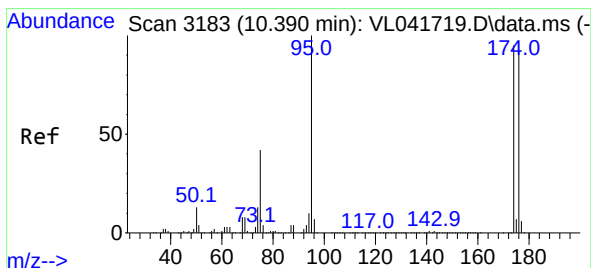
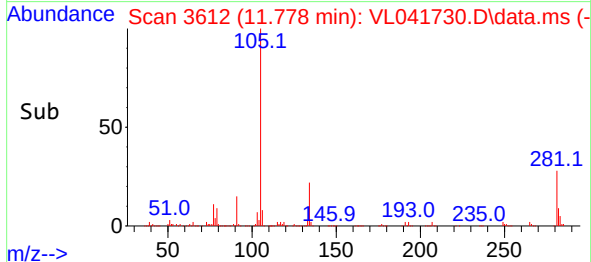
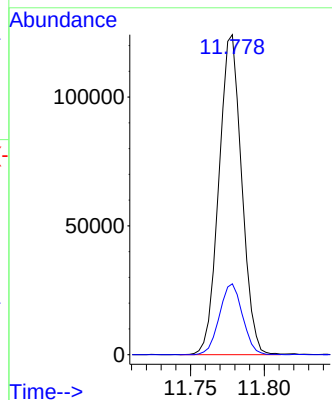
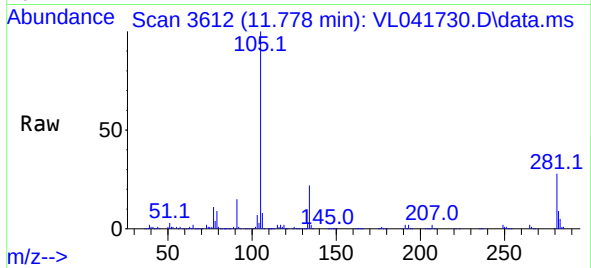
#67
 sec-Butylbenzene
 Concen: 0.535 ppbv
 RT: 11.778 min Scan# 3612
 Delta R.T. -0.003 min
 Lab File: VL041730.D
 Acq: 11 Dec 2024 20:31

Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT4-2024

Tgt Ion:105 Resp: 133644
 Ion Ratio Lower Upper
 105 100
 134 22.4 19.3 28.9

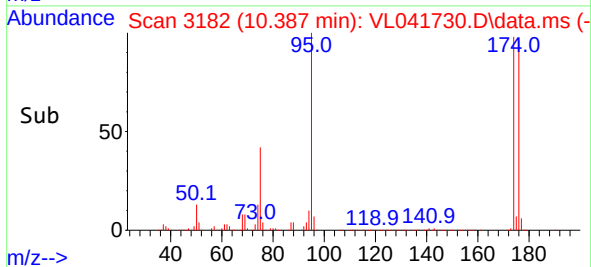
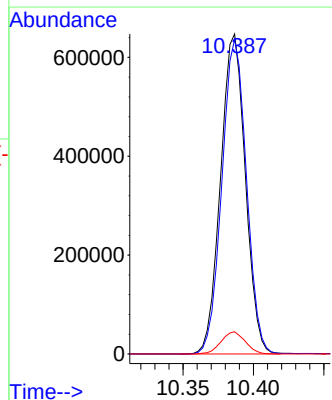
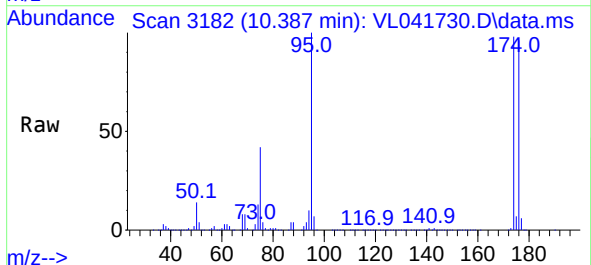
Manual Integrations
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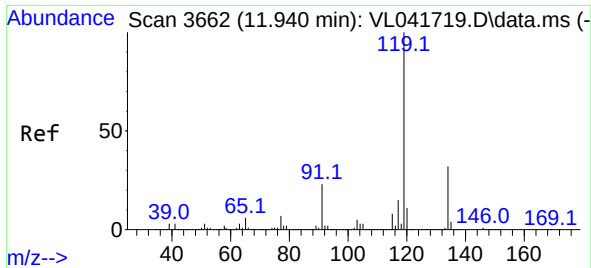
Reviewed By :Mahesh Dadoda 12/13/2024
 Supervised By :Semsettin Yesilyurt 12/13/2024



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.945 ppbv
 RT: 10.387 min Scan# 3182
 Delta R.T. -0.003 min
 Lab File: VL041730.D
 Acq: 11 Dec 2024 20:31

Tgt Ion: 95 Resp: 793203
 Ion Ratio Lower Upper
 95 100
 174 97.4 76.7 115.1
 175 6.8 5.4 8.2





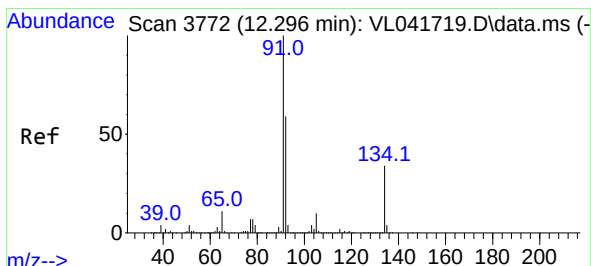
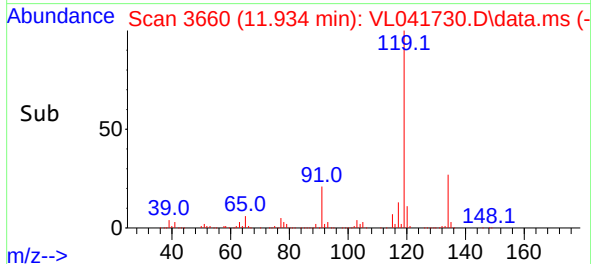
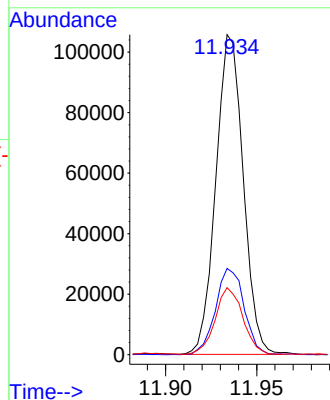
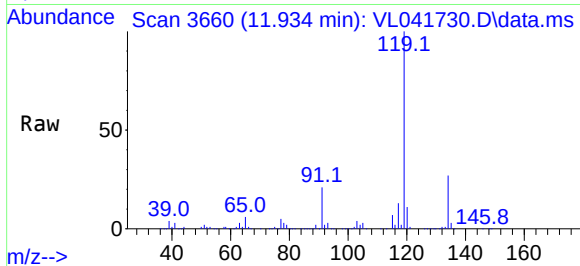
#69
p-Isopropyltoluene
Concen: 0.511 ppbv
RT: 11.934 min Scan# 3660
Delta R.T. -0.007 min
Lab File: VL041730.D
Acq: 11 Dec 2024 20:31

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2024

Tgt Ion:119 Resp: 110129
Ion Ratio Lower Upper
119 100
134 28.4 24.6 36.8
91 22.5 17.8 26.8

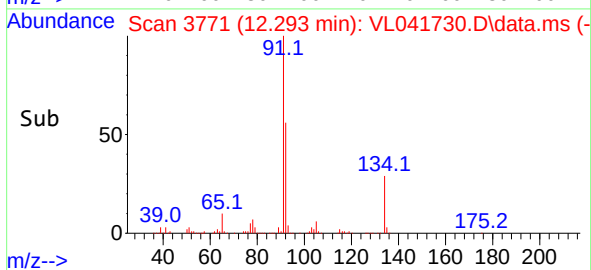
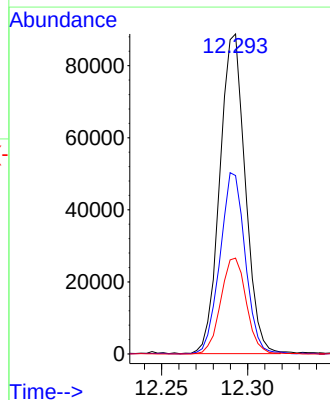
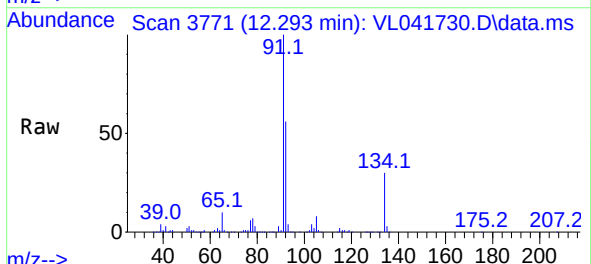
Manual Integrations
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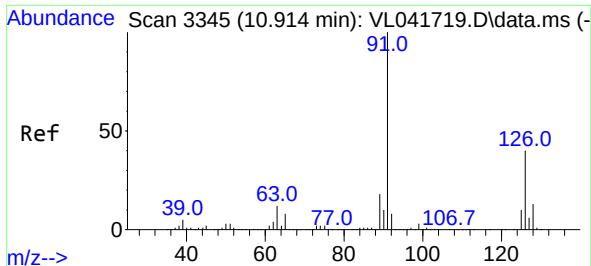
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#70
n-Butylbenzene
Concen: 0.510 ppbv
RT: 12.293 min Scan# 3771
Delta R.T. -0.003 min
Lab File: VL041730.D
Acq: 11 Dec 2024 20:31

Tgt Ion: 91 Resp: 91236
Ion Ratio Lower Upper
91 100
92 56.7 46.7 70.1
134 30.2 26.2 39.4





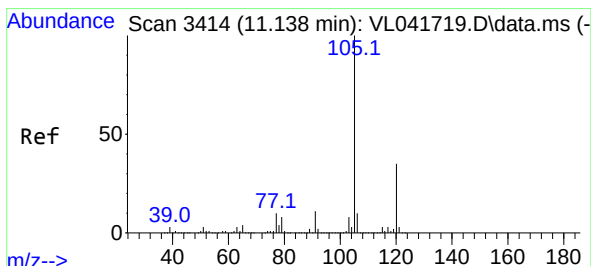
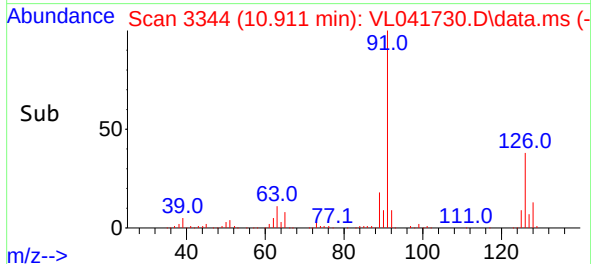
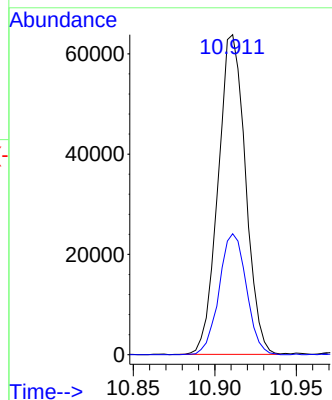
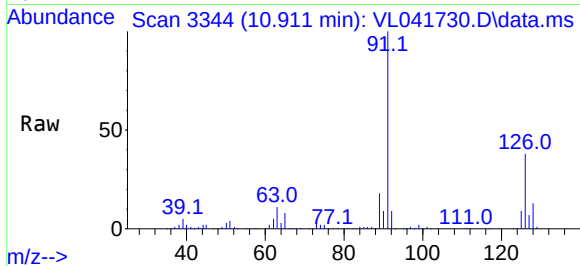
#71
2-Chlorotoluene
Concen: 0.538 ppbv
RT: 10.911 min Scan# 3111
Delta R.T. -0.003 min
Lab File: VL041730.D
Acq: 11 Dec 2024 20:31

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2024

Tgt Ion: 91 Resp: 7442
Ion Ratio Lower Upper
91 100
126 37.8 15.9 63.7

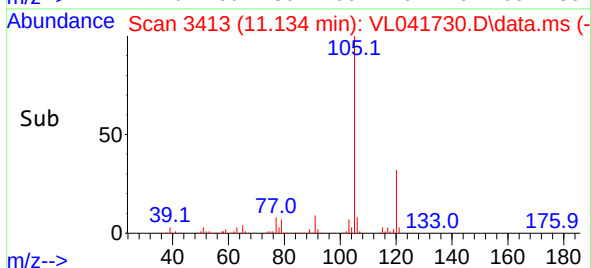
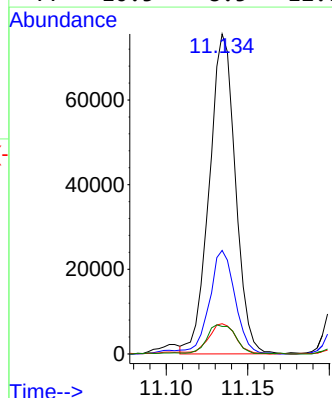
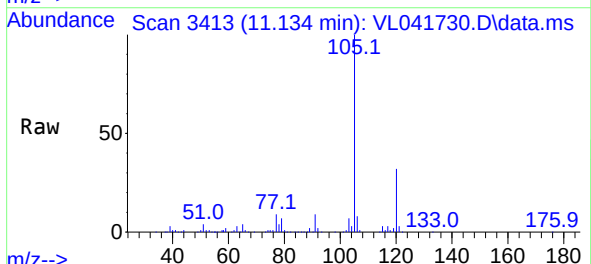
Manual Integrations
APPROVED

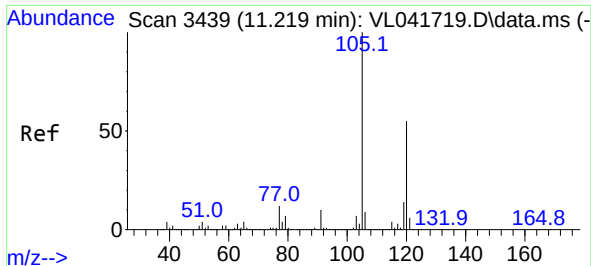
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#72
4-Ethyltoluene
Concen: 0.527 ppbv
RT: 11.134 min Scan# 3413
Delta R.T. -0.003 min
Lab File: VL041730.D
Acq: 11 Dec 2024 20:31

Tgt Ion:105 Resp: 83994
Ion Ratio Lower Upper
105 100
120 32.9 28.0 42.0
91 10.5 8.8 13.2
77 10.5 8.5 12.7





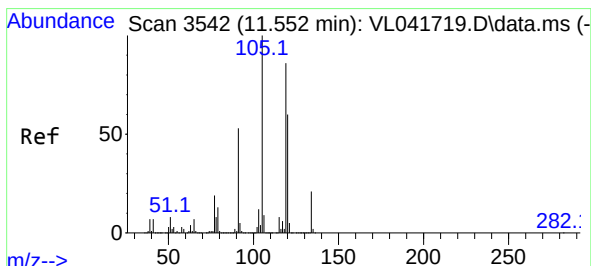
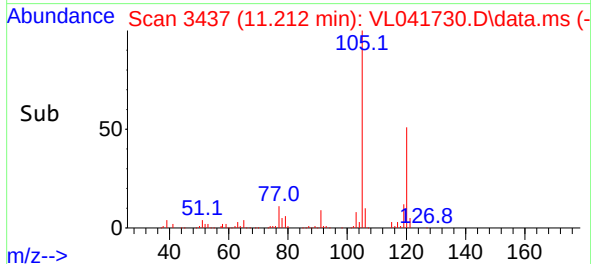
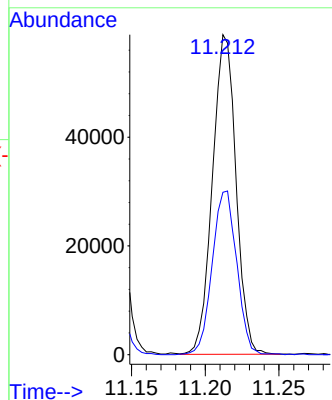
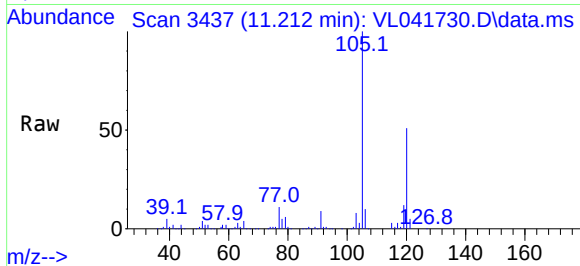
#73
1,3,5-Trimethylbenzene
Concen: 0.508 ppbv
RT: 11.212 min Scan# 3439
Delta R.T. -0.007 min
Lab File: VL041730.D
Acq: 11 Dec 2024 20:31

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2024

Tgt Ion:105 Resp: 65409
Ion Ratio Lower Upper
105 100
120 50.7 43.6 65.4

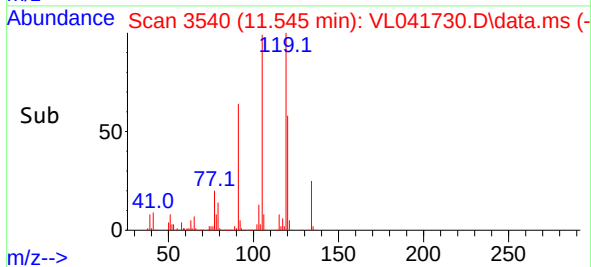
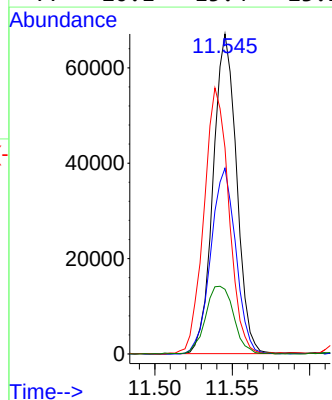
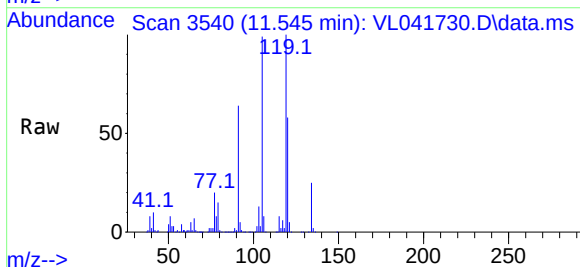
Manual Integrations
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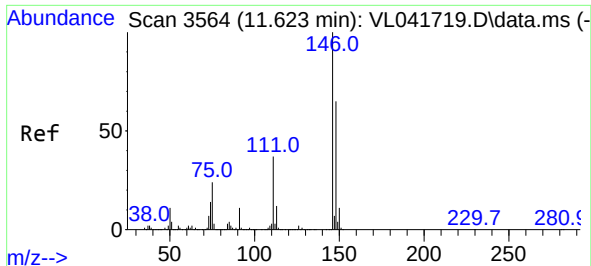
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#74
1,2,4-Trimethylbenzene
Concen: 0.503 ppbv
RT: 11.545 min Scan# 3540
Delta R.T. -0.007 min
Lab File: VL041730.D
Acq: 11 Dec 2024 20:31

Tgt Ion:105 Resp: 70433
Ion Ratio Lower Upper
105 100
120 58.1 47.8 71.6
91 64.0 42.5 63.7#
77 20.1 15.4 23.2





#75

1,3-Dichlorobenzene

Concen: 0.529 ppbv

RT: 11.617 min Scan# 3562

Delta R.T. -0.007 min

Lab File: VL041730.D

Acq: 11 Dec 2024 20:31

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT4-2024

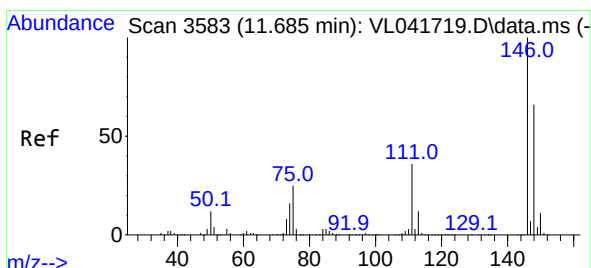
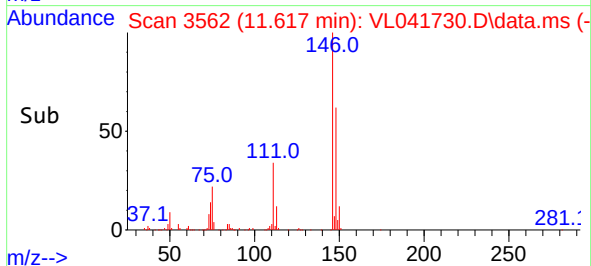
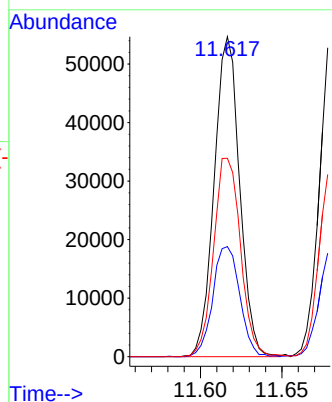
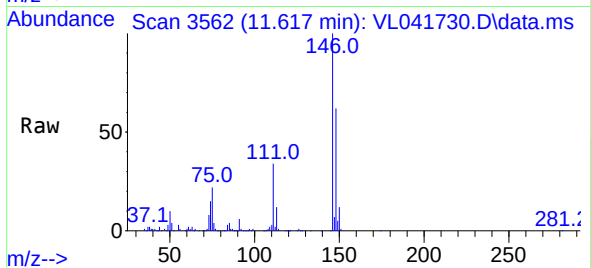
Tgt Ion:146 Resp: 5920

Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.4	55.2
148	65.9	32.4	97.2

Manual Integrations

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



#76

1,4-Dichlorobenzene

Concen: 0.541 ppbv

RT: 11.681 min Scan# 3582

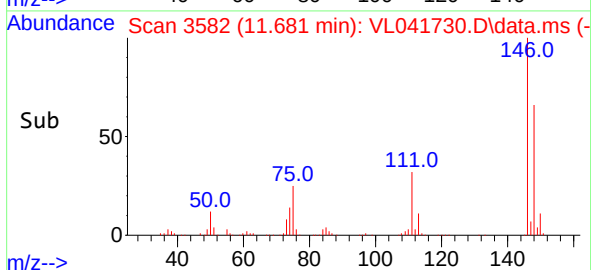
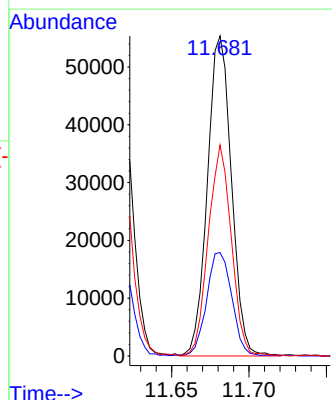
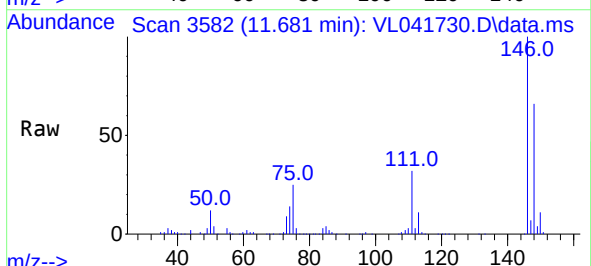
Delta R.T. -0.003 min

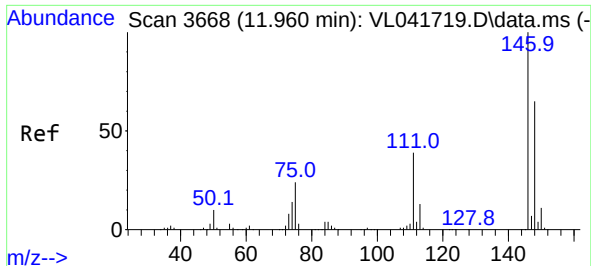
Lab File: VL041730.D

Acq: 11 Dec 2024 20:31

Tgt Ion:146 Resp: 59766

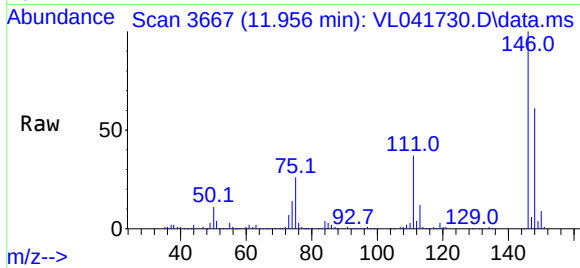
Ion	Ratio	Lower	Upper
146	100		
111	34.1	17.8	53.4
148	63.6	32.4	97.2





#77
1,2-Dichlorobenzene
Concen: 0.536 ppbv
RT: 11.956 min Scan# 30
Delta R.T. -0.003 min
Lab File: VL041730.D
Acq: 11 Dec 2024 20:31

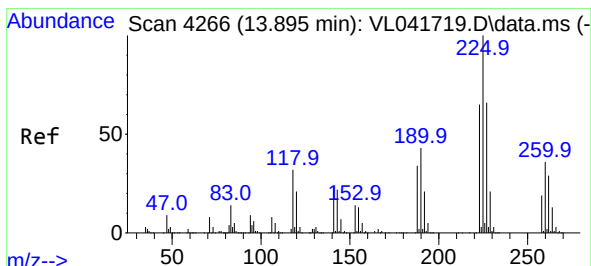
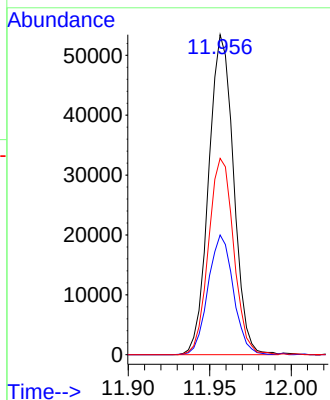
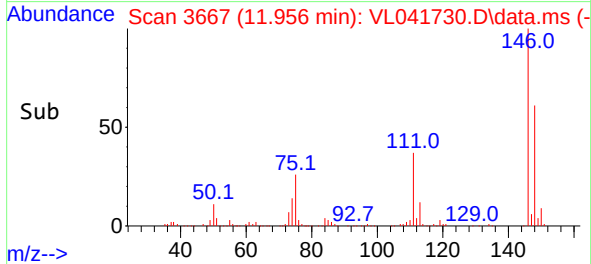
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2024



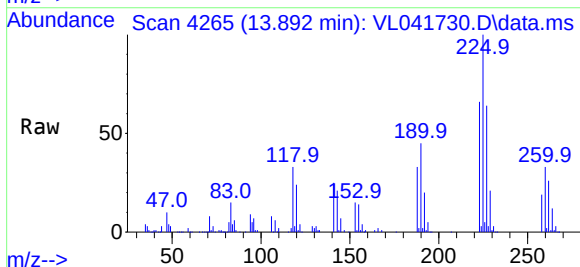
Tgt Ion:146 Resp: 56854
Ion Ratio Lower Upper
146 100
111 38.0 19.2 57.6
148 62.3 32.4 97.2

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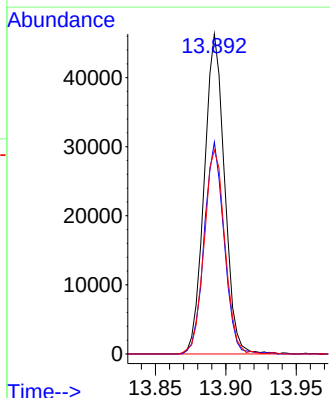
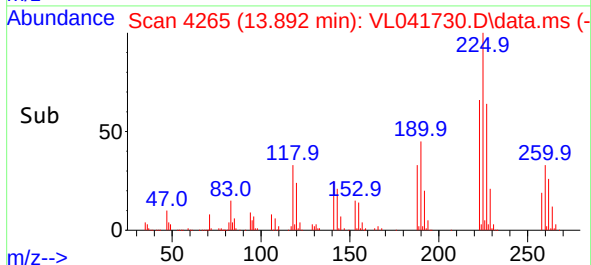
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

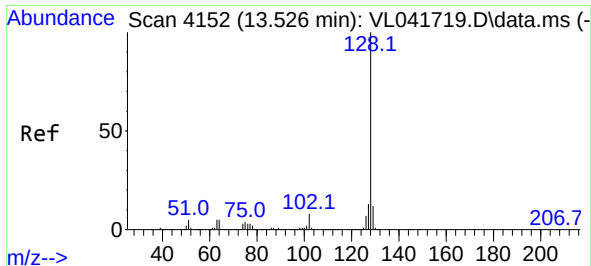


#78
Hexachloro-1,3-Butadiene
Concen: 0.533 ppbv
RT: 13.892 min Scan# 4265
Delta R.T. -0.003 min
Lab File: VL041730.D
Acq: 11 Dec 2024 20:31



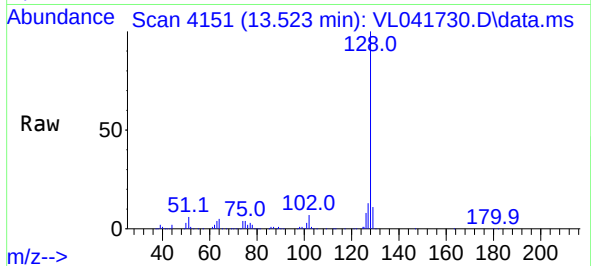
Tgt Ion:225 Resp: 46404
Ion Ratio Lower Upper
225 100
223 64.9 51.1 76.7
227 65.6 51.8 77.6





#79
Naphthalene
Concen: 0.510 ppbv
RT: 13.523 min Scan# 4151
Delta R.T. -0.003 min
Lab File: VL041730.D
Acq: 11 Dec 2024 20:31

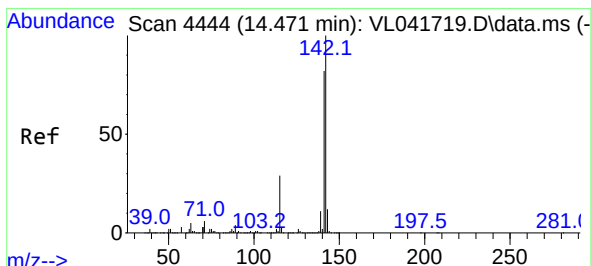
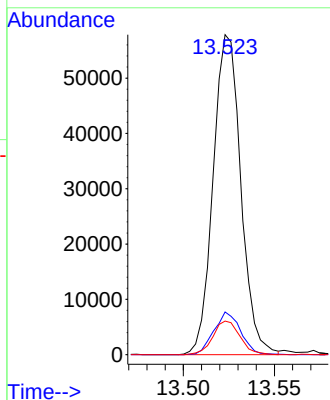
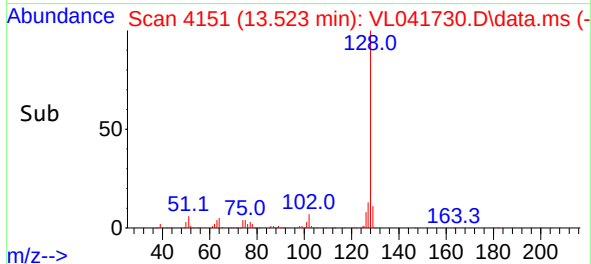
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2024



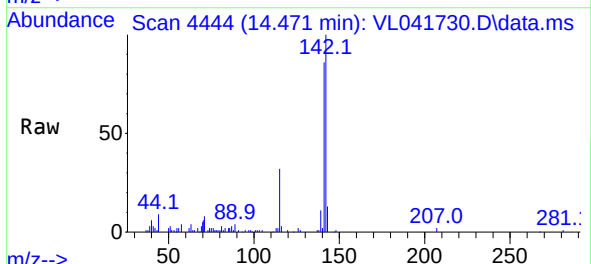
Tgt Ion:128 Resp: 61118
Ion Ratio Lower Upper
128 100
127 13.3 10.2 15.2
129 10.5 9.4 14.0

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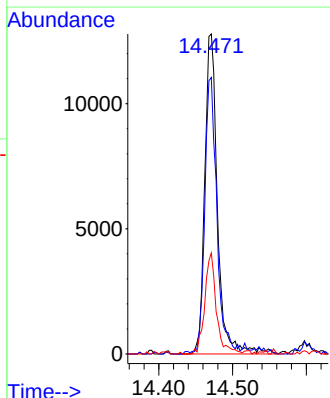
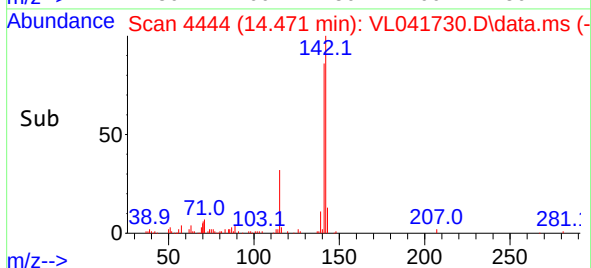
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

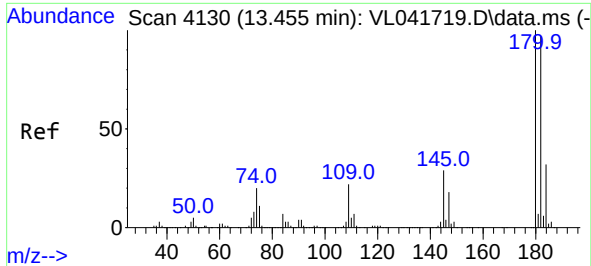


#80
Naphthalene,2-methyl-
Concen: 0.351 ppbv
RT: 14.471 min Scan# 4444
Delta R.T. -0.000 min
Lab File: VL041730.D
Acq: 11 Dec 2024 20:31



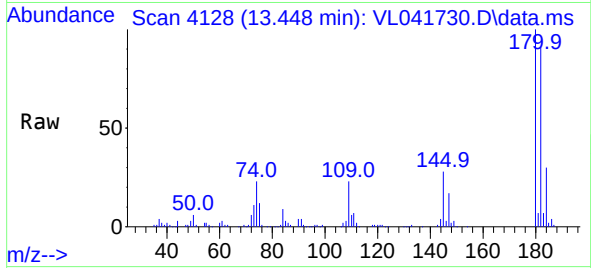
Tgt Ion:142 Resp: 15236
Ion Ratio Lower Upper
142 100
141 83.9 66.0 99.0
115 30.4 22.8 34.2





#81
1,2,4-Trichlorobenzene
Concen: 0.493 ppbv
RT: 13.448 min Scan# 41
Delta R.T. -0.007 min
Lab File: VL041730.D
Acq: 11 Dec 2024 20:31

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2024



Tgt Ion:180 Resp: 37208
Ion Ratio Lower Upper
180 100
182 96.7 77.2 115.8
184 32.1 25.2 37.8

Manual Integrations
APPROVED

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

