

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121124\
 Data File : VL041731.D
 Acq On : 11 Dec 2024 21:02
 Operator : SY/MD
 Sample : P4368-13 0.45
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT4-2024

Quant Time: Dec 12 06:00:48 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	266767	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	1327744	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	1181475	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.383	95	772319	9.944	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.499	85	30857	0.659	ppbv	98
3) Chlorodifluoromethane	1.476	51	17750	0.489	ppbv #	92
4) Chloromethane	1.534	50	8766	0.705	ppbv	95
5) Vinyl Chloride	1.580	62	10140	0.666	ppbv	96
6) Bromomethane	1.670	94	6686	0.670	ppbv	85
7) Chloroethane	1.706	64	4475	0.676	ppbv	99
8) Dichlorotetrafluoroethane	1.557	85	28877	0.756	ppbv	94
9) Propene	1.483	41	8790	0.568	ppbv	98
10) Heptane	4.991	43	20808m	0.486	ppbv	
11) Trichlorofluoromethane	1.881	101	32941	0.611	ppbv	100
12) 1,1,2-Trichlorotrifluo...	2.143	101	28309	0.583	ppbv	95
13) Ethanol	1.722	45	1121	0.875	ppbv	69
14) Bromoethene	1.784	108	11383	0.640	ppbv #	97
15) Acetone	1.835	43	22404	0.727	ppbv	88
16) 1,3-Butadiene	1.609	39	7199	0.697	ppbv	97
17) tert-Butyl alcohol	2.039	59	25373	0.568	ppbv	97
18) 1,1-Dichloroethene	2.722	96	17943	0.496	ppbv	99
19) Isopropyl Alcohol	1.887	45	26056	0.891	ppbv #	31
20) Methylene Chloride	2.062	84	13787	0.739	ppbv	95
21) Allyl Chloride	2.097	41	10041	0.579	ppbv	97
22) trans-1,2-Dichloroethene	2.036	96	13193	0.598	ppbv	96
23) Vinyl Acetate	2.460	43	7463m	0.400	ppbv	
24) 1,1-Dichloroethane	2.411	63	20772	0.599	ppbv	99
25) Ethyl Acetate	4.991	43	20729m	0.484	ppbv	
26) Hexane	2.829	57	20180	0.486	ppbv	99
27) Carbon Disulfide	2.152	76	21099	0.494	ppbv #	60
28) Methyl tert-Butyl Ether	2.441	73	17568	0.564	ppbv	98
29) Chloroform	2.852	83	30306	0.477	ppbv	98
30) Cyclohexane	3.861	84	22176	0.475	ppbv	96
31) cis-1,2-Dichloroethene	2.036	61	17288	0.573	ppbv	96
32) 1,1,1-Trichloroethane	3.373	97	28389	0.454	ppbv	100
34) 2-Butanone	2.560	43	22665	0.488	ppbv	99
35) Carbon Tetrachloride	3.768	117	26803	0.433	ppbv	99
36) Benzene	3.664	78	50038	0.479	ppbv	97
37) 1,2-Dichloroethane	3.224	62	18300	0.485	ppbv	97
38) Trichloroethene	4.554	130	26641	0.492	ppbv	98
39) 1,2-Dichloropropane	4.318	63	16325	0.491	ppbv	97
40) 1,4-Dioxane	4.606	88	9748m	0.486	ppbv	
41) Tetrahydrofuran	3.068	42	14187	0.506	ppbv	98
42) Bromodichloromethane	4.496	83	25029	0.411	ppbv	97
43) Methyl Methacrylate	4.884	69	17070	0.454	ppbv	98
44) 2,2,4-Trimethylpentane	4.648	57	70898	0.488	ppbv	98
45) t-1,3-Dichloropropene	5.606	75	19864	0.408	ppbv	99

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 ClientSampleId :
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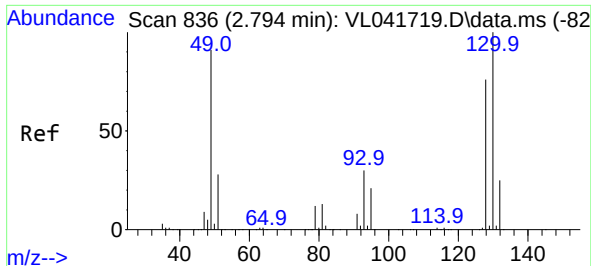
Quant Time: Dec 12 06:00:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121124AIR.M
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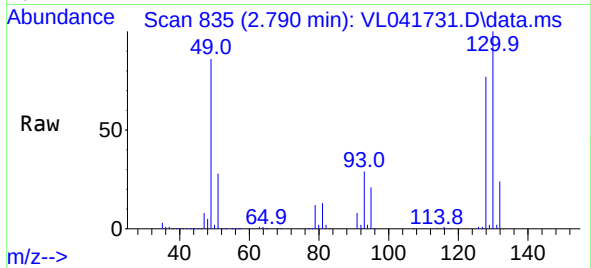
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	6.425	75	14543	0.396	ppbv	93
47) 1,1,2-Trichloroethane	6.590	97	20187	0.456	ppbv	93
48) Dibromochloromethane	7.393	129	22470	0.352	ppbv	99
49) Bromoform	9.493	173	19898	0.326	ppbv	98
50) 4-Methyl-2-Pentanone	5.774	43	31305	0.469	ppbv	98
51) 2-Hexanone	7.451	43	25074	0.457	ppbv #	98
52) Tetrachloroethene	8.234	164	24611	0.445	ppbv	92
53) Toluene	6.939	91	60763	0.474	ppbv	100
54) 1,2-Dibromoethane	7.661	107	27292	0.451	ppbv	95
56) 1,1,1,2-Tetrachloroethane	8.936	131	23039	0.419	ppbv #	1
57) Chlorobenzene	8.930	112	52127	0.485	ppbv	99
58) Ethyl Benzene	9.360	91	74524	0.471	ppbv	96
59) m/p-Xylene	9.539	91	113483m	0.937	ppbv	
60) o-Xylene	9.969	91	56136	0.467	ppbv	99
61) Styrene	9.878	104	28073	0.423	ppbv	99
62) Isopropylbenzene	10.548	105	95738	0.483	ppbv	96
63) 1,1,2,2-Tetrachloroethane	9.972	83	34682	0.446	ppbv	99
64) n-propylbenzene	10.995	120	26832	0.460	ppbv	87
65) tert-Butylbenzene	11.539	119	89816	0.478	ppbv	97
66) Benzyl Chloride	10.908	91	63316	0.470	ppbv	99
67) sec-Butylbenzene	11.775	105	116471	0.479	ppbv	97
69) p-Isopropyltoluene	11.934	119	95359	0.455	ppbv	97
70) n-Butylbenzene	12.290	91	79323	0.456	ppbv	97
71) 2-Chlorotoluene	10.908	91	63316	0.470	ppbv	98
72) 4-Ethyltoluene	11.134	105	71944	0.464	ppbv	98
73) 1,3,5-Trimethylbenzene	11.212	105	55473	0.442	ppbv	96
74) 1,2,4-Trimethylbenzene	11.542	105	60893	0.446	ppbv #	85
75) 1,3-Dichlorobenzene	11.613	146	52357	0.480	ppbv	99
76) 1,4-Dichlorobenzene	11.681	146	52323	0.486	ppbv	98
77) 1,2-Dichlorobenzene	11.956	146	49512	0.480	ppbv	98
78) Hexachloro-1,3-Butadiene	13.889	225	40432	0.477	ppbv	98
79) Naphthalene	13.523	128	49435	0.423	ppbv	98
80) Naphthalene,2-methyl-	14.468	142	8446	0.200	ppbv	96
81) 1,2,4-Trichlorobenzene	13.448	180	31539	0.429	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 836
Delta R.T. -0.004 min
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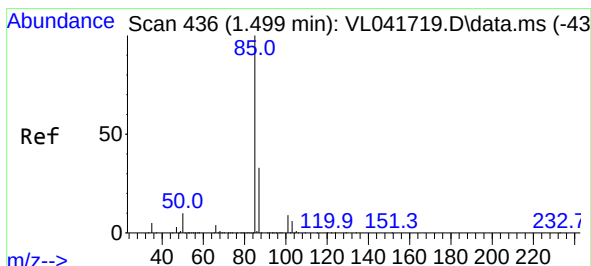
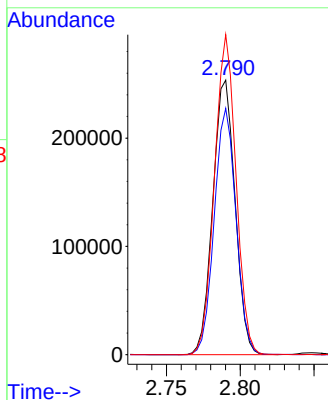
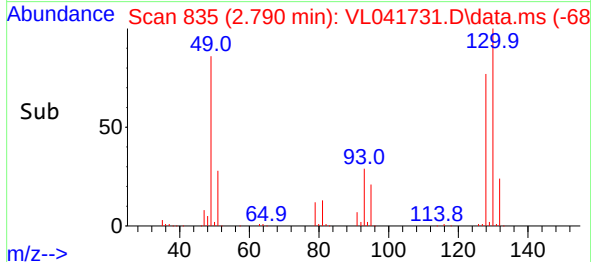
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



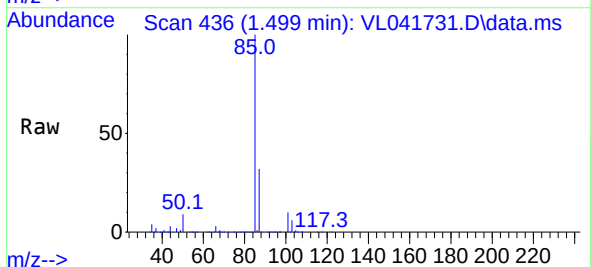
Tgt Ion: 49 Resp: 26676
Ion Ratio Lower Upper
49 100
128 87.7 42.8 128.3
130 112.8 55.8 167.4

Manual Integrations
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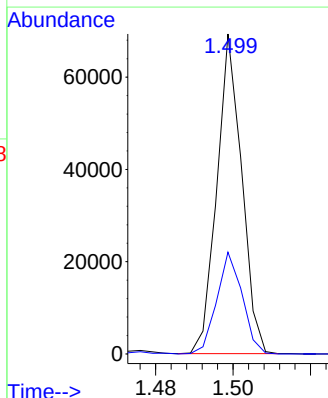
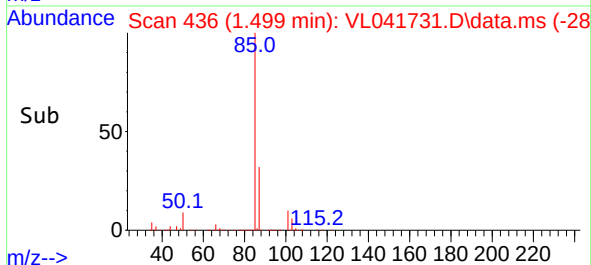
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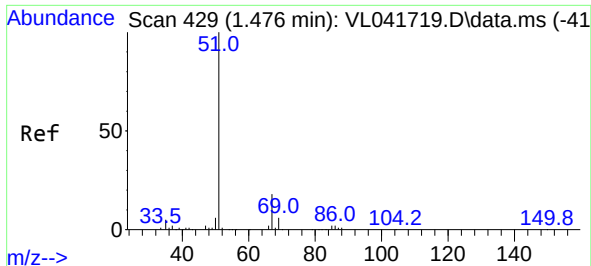


#2
Dichlorodifluoromethane
Concen: 0.659 ppbv
RT: 1.499 min Scan# 436
Delta R.T. -0.000 min
Lab File: VL041731.D
Acq: 11 Dec 2024 21:02



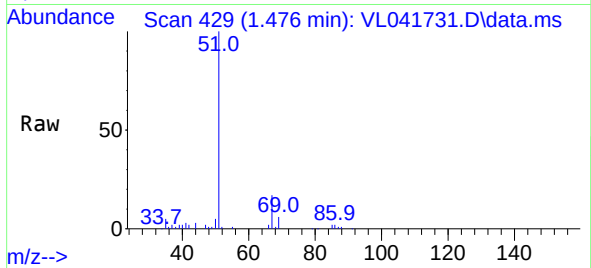
Tgt Ion: 85 Resp: 30857
Ion Ratio Lower Upper
85 100
87 31.8 26.6 39.8





#3
Chlorodifluoromethane
Concen: 0.489 ppbv
RT: 1.476 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL041731.D
Acq: 11 Dec 2024 21:02

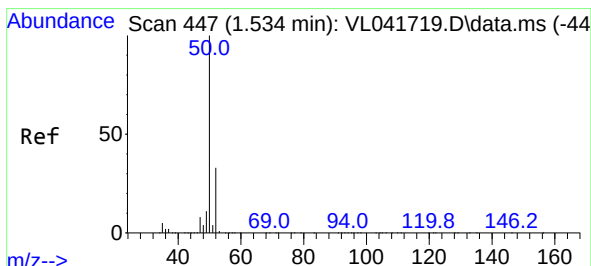
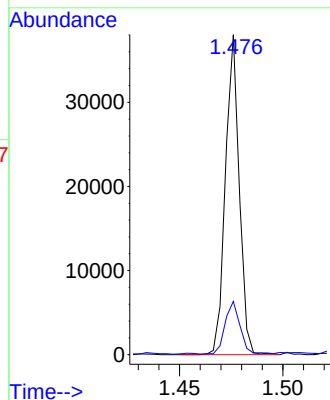
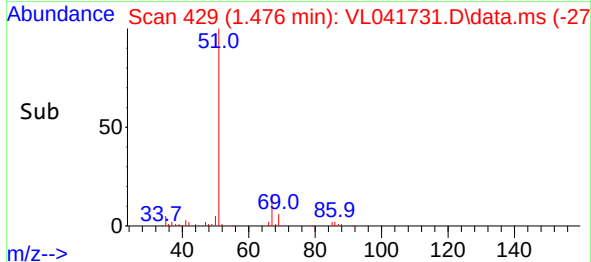
Instrument : MSVOA_L
ClientSampleId :
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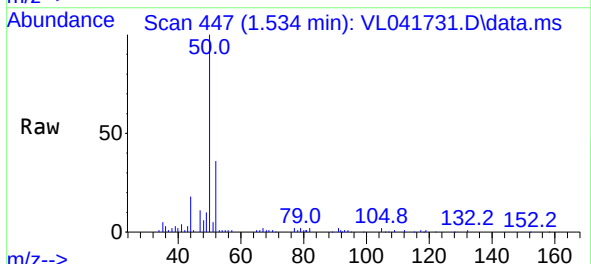
Tgt Ion: 51 Resp: 17750
Ion Ratio Lower Upper
51 100
67 21.9 14.6 21.8

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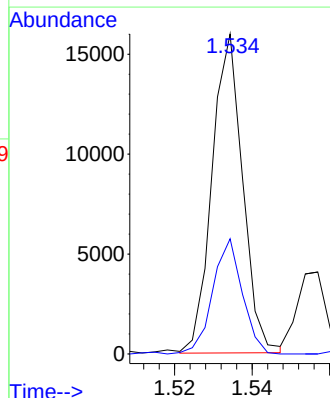
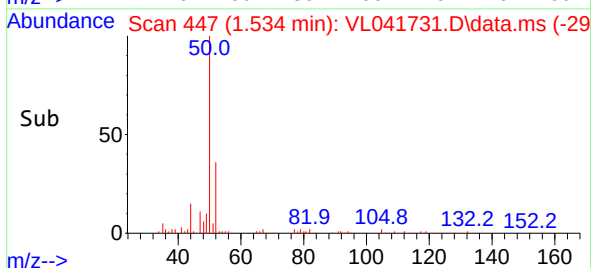
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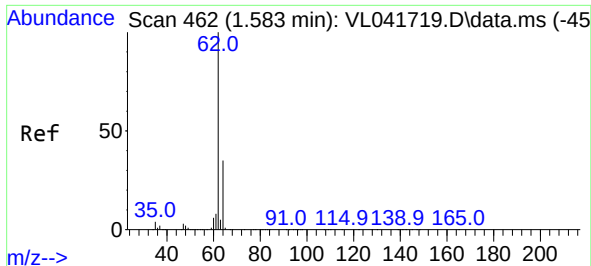


#4
Chloromethane
Concen: 0.705 ppbv
RT: 1.534 min Scan# 447
Delta R.T. -0.000 min
Lab File: VL041731.D
Acq: 11 Dec 2024 21:02



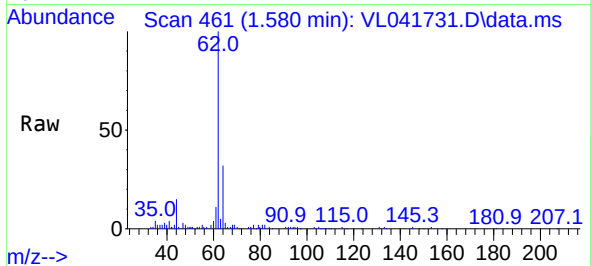
Tgt Ion: 50 Resp: 8766
Ion Ratio Lower Upper
50 100
52 36.3 26.6 40.0





#5
 Vinyl Chloride
 Concen: 0.666 ppbv
 RT: 1.580 min Scan# 40
 Delta R.T. -0.003 min
 Lab File: VL041731.D
 Acq: 11 Dec 2024 21:02

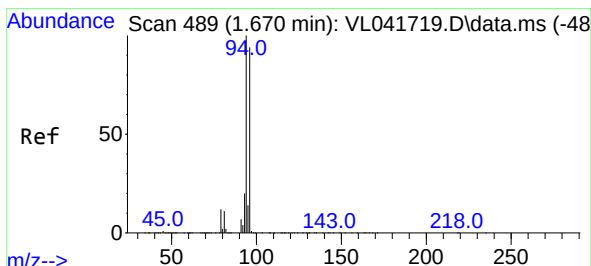
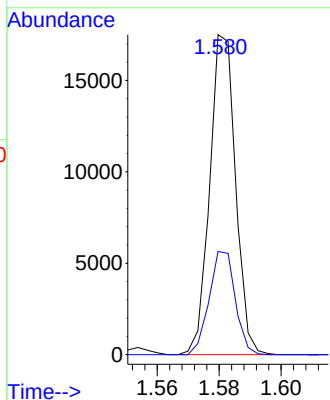
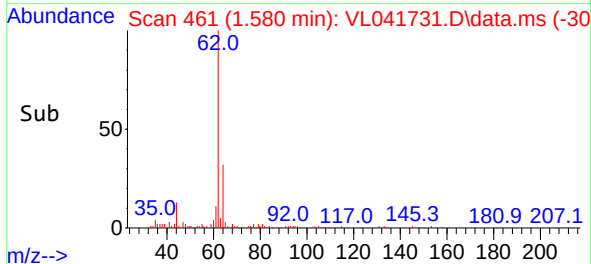
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT4-2024



Tgt Ion: 62 Resp: 10140
 Ion Ratio Lower Upper
 62 100
 64 32.3 27.6 41.4

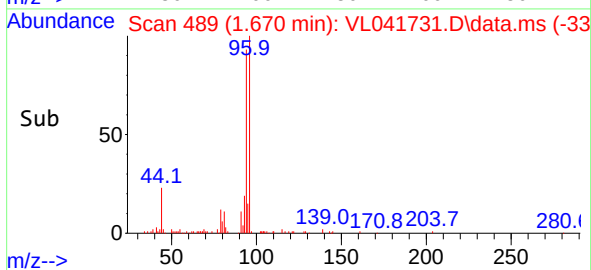
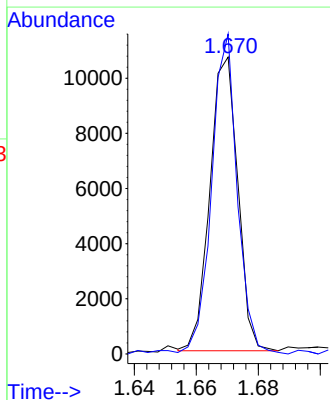
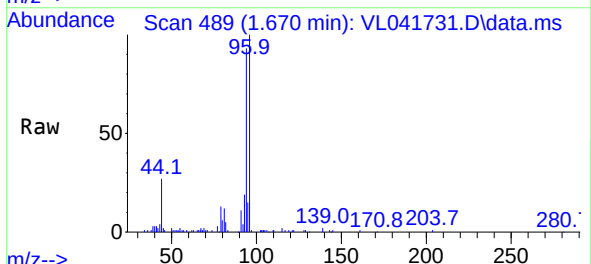
Manual Integrations
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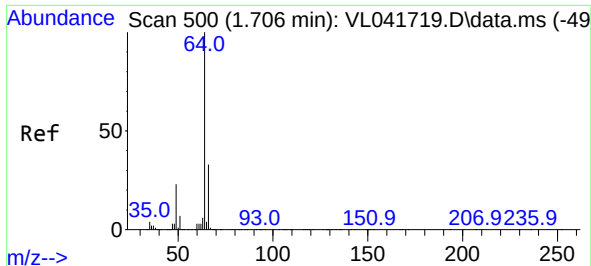
Reviewed By :Mahesh Dadoda 12/13/2024
 Supervised By :Semsettin Yesilyurt 12/13/2024



#6
 Bromomethane
 Concen: 0.670 ppbv
 RT: 1.670 min Scan# 489
 Delta R.T. -0.000 min
 Lab File: VL041731.D
 Acq: 11 Dec 2024 21:02

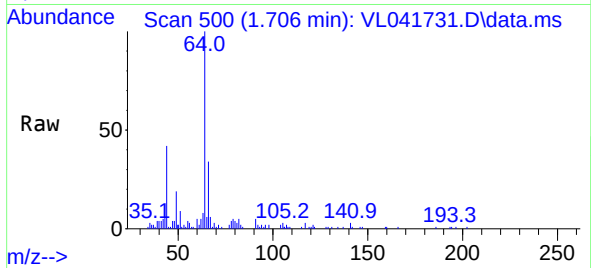
Tgt Ion: 94 Resp: 6686
 Ion Ratio Lower Upper
 94 100
 96 108.5 75.4 113.0





#7
Chloroethane
Concen: 0.676 ppbv
RT: 1.706 min Scan# 500
Delta R.T. -0.000 min
Lab File: VL041731.D
Acq: 11 Dec 2024 21:02

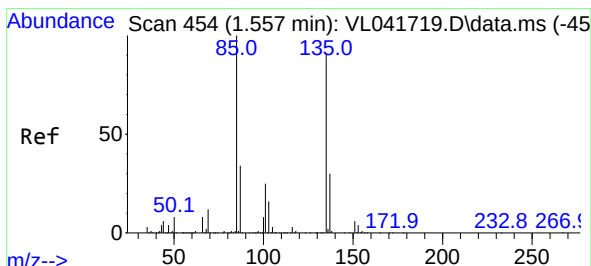
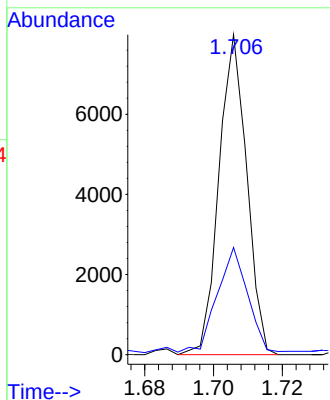
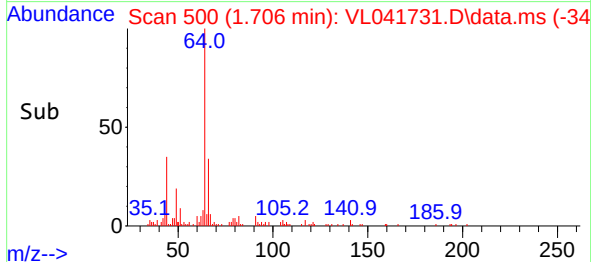
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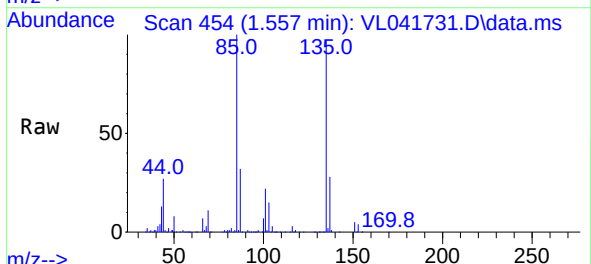
Tgt Ion: 64 Resp: 4475
Ion Ratio Lower Upper
64 100
66 33.5 26.5 39.7

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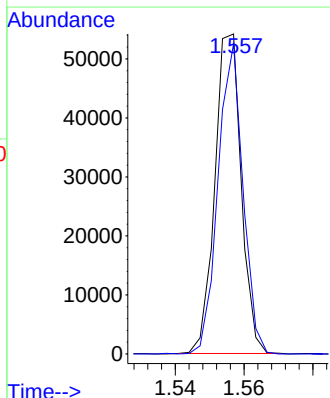
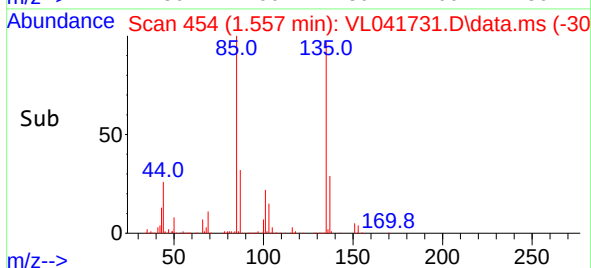
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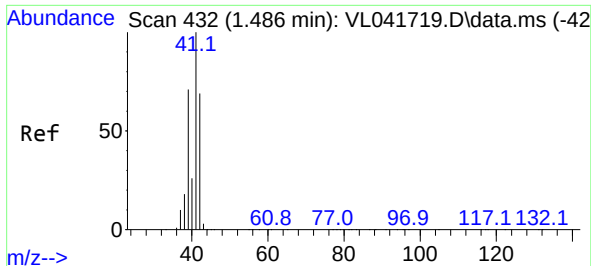


#8
Dichlorotetrafluoroethane
Concen: 0.756 ppbv
RT: 1.557 min Scan# 454
Delta R.T. -0.000 min
Lab File: VL041731.D
Acq: 11 Dec 2024 21:02



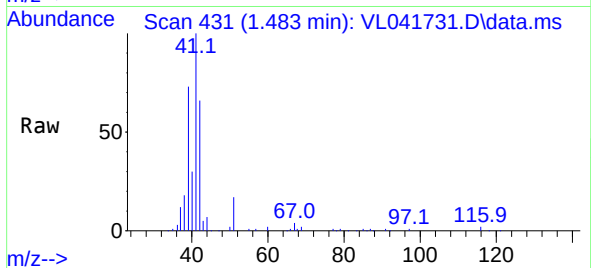
Tgt Ion: 85 Resp: 28877
Ion Ratio Lower Upper
85 100
135 91.6 69.0 103.6





#9
Propene
Concen: 0.568 ppbv
RT: 1.483 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL041731.D
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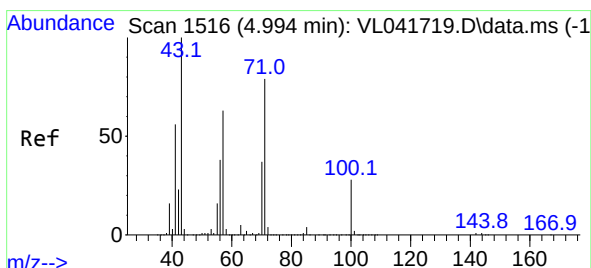
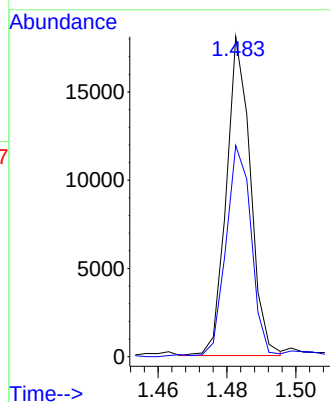
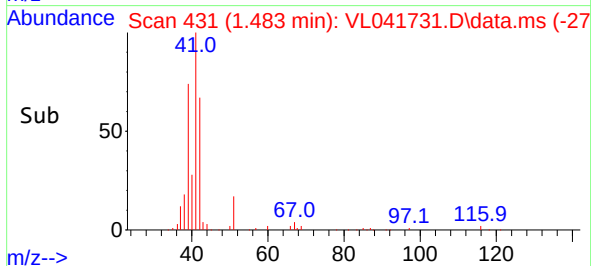
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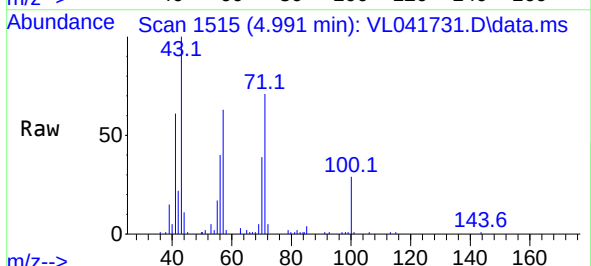
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Ion Ratio Lower Upper
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42 72.3 56.2 84.4

Manual Integrations
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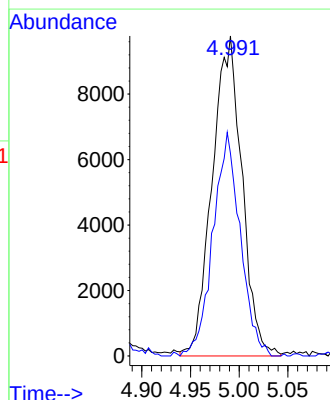
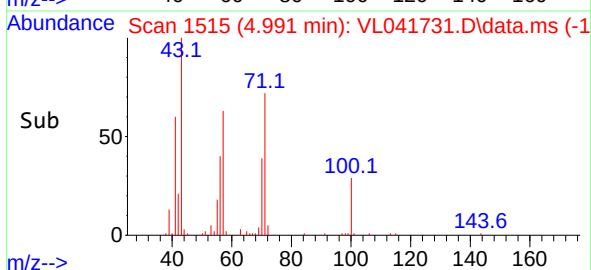
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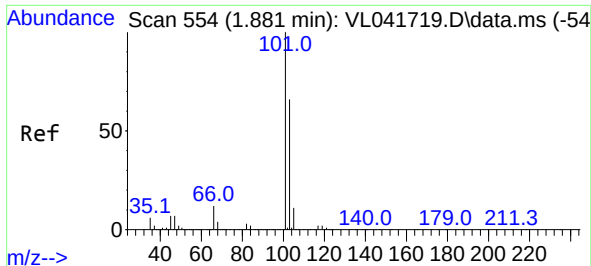


#10
Heptane
Concen: 0.486 ppbv m
RT: 4.991 min Scan# 1515
Delta R.T. -0.003 min
Lab File: VL041731.D
Acq: 11 Dec 2024 21:02



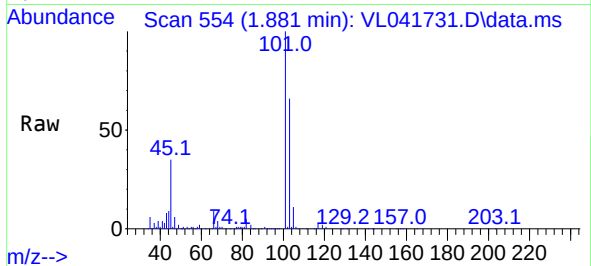
Tgt Ion: 43 Resp: 20808
Ion Ratio Lower Upper
43 100
57 64.0 50.5 75.7





#11
Trichlorofluoromethane
Concen: 0.611 ppbv
RT: 1.881 min Scan# 511
Delta R.T. -0.000 min
Lab File: VL041731.D
Acq: 11 Dec 2024 21:02

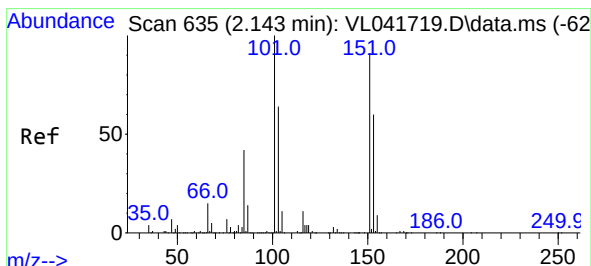
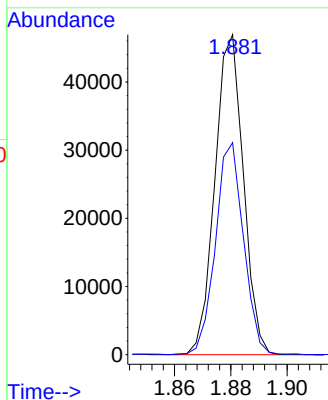
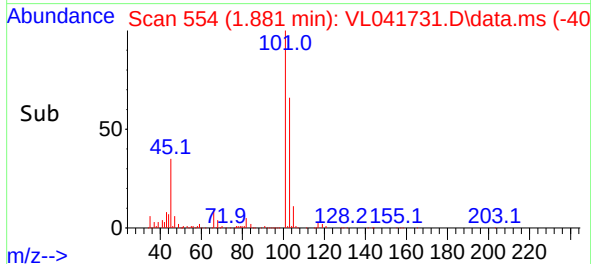
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



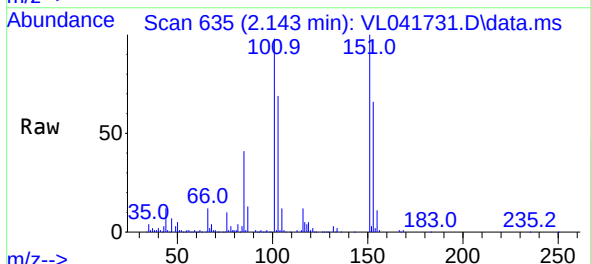
Tgt Ion:101 Resp: 3294
Ion Ratio Lower Upper
101 100
103 66.0 52.7 79.1

Manual Integrations
APPROVED

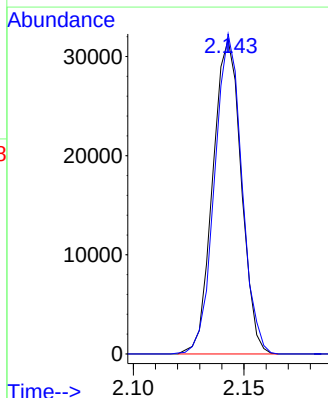
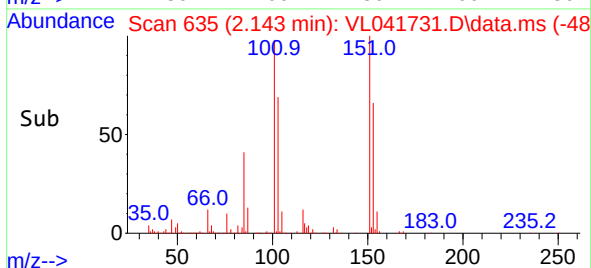
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

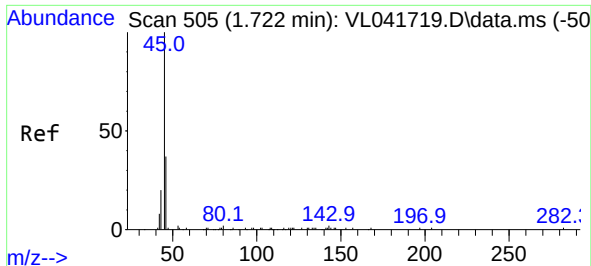


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.583 ppbv
RT: 2.143 min Scan# 635
Delta R.T. -0.000 min
Lab File: VL041731.D
Acq: 11 Dec 2024 21:02



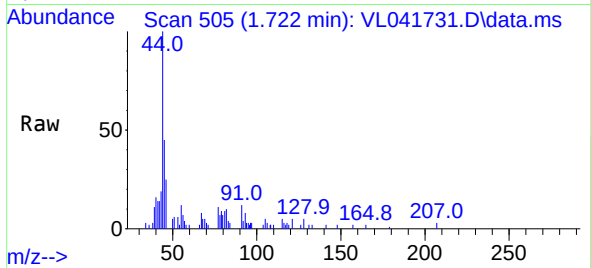
Tgt Ion:101 Resp: 28309
Ion Ratio Lower Upper
101 100
151 97.7 74.4 111.6





#13
Ethanol
Concen: 0.875 ppbv
RT: 1.722 min Scan# 505
Delta R.T. -0.000 min
Lab File: VL041731.D
Acq: 11 Dec 2024 21:02

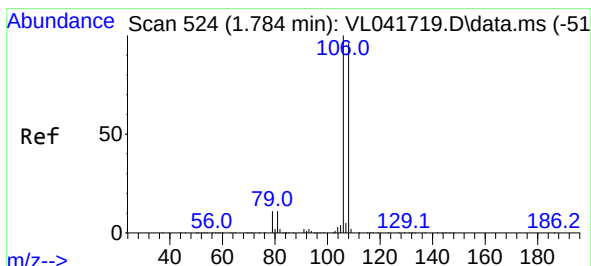
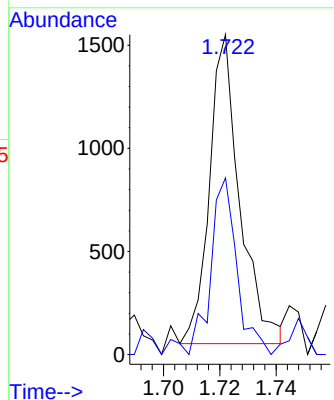
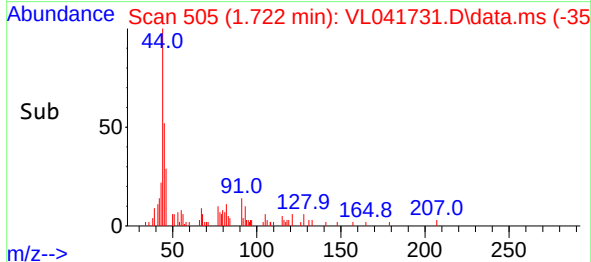
Instrument : MSVOA_L
ClientSampleId : LOD-MDL-AIR-01-QT4-2024



Tgt Ion: 45 Resp: 112
Ion Ratio Lower Upper
45 100
46 60.9 16.6 66.6

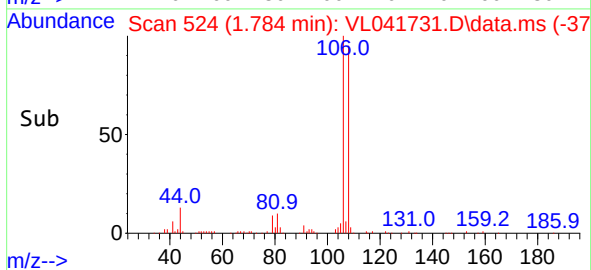
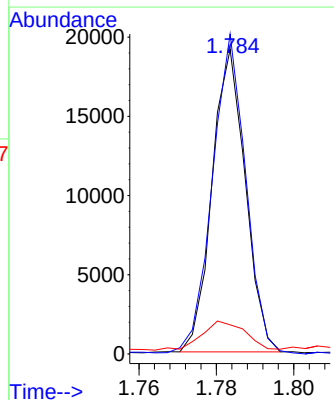
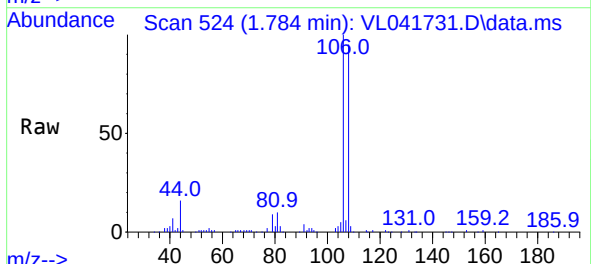
Manual Integrations
APPROVED

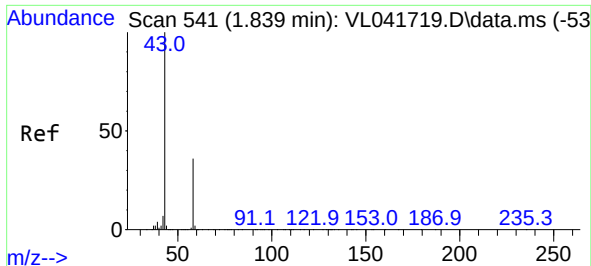
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#14
Bromoethene
Concen: 0.640 ppbv
RT: 1.784 min Scan# 524
Delta R.T. -0.000 min
Lab File: VL041731.D
Acq: 11 Dec 2024 21:02

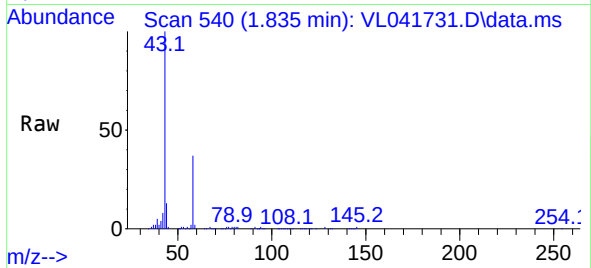
Tgt Ion:108 Resp: 11383
Ion Ratio Lower Upper
108 100
106 107.0 83.5 125.3
79 15.6 9.3 13.9





#15
Acetone
Concen: 0.727 ppbv
RT: 1.835 min Scan# 541
Delta R.T. -0.003 min
Lab File: VL041731.D
Acq: 11 Dec 2024 21:02

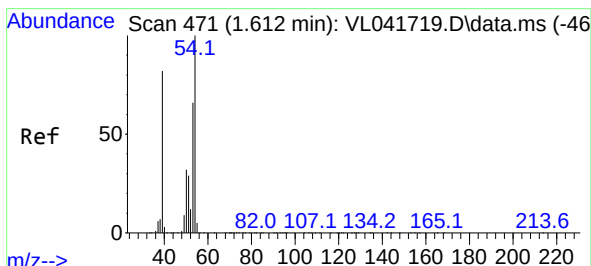
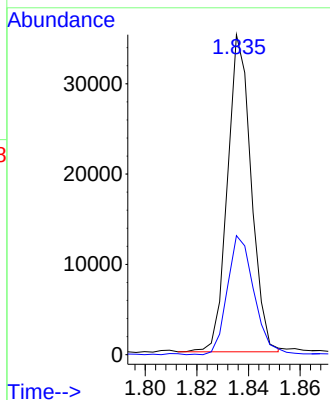
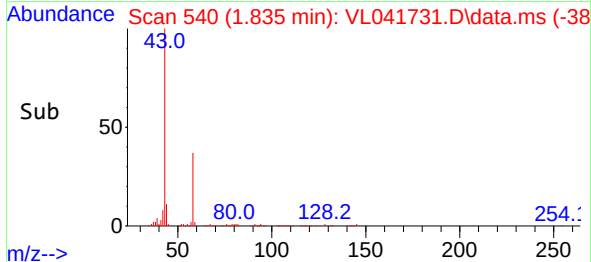
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



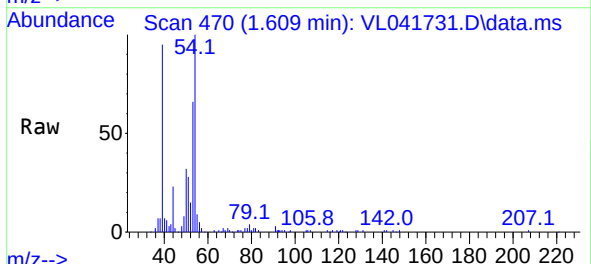
Tgt Ion: 43 Resp: 22404
Ion Ratio Lower Upper
43 100
58 43.0 28.9 43.3

Manual Integrations
APPROVED

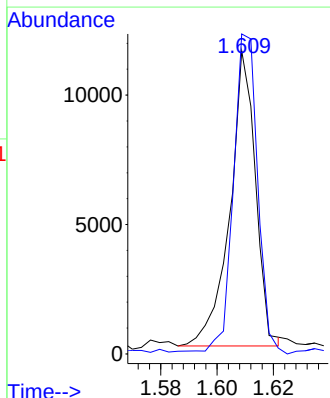
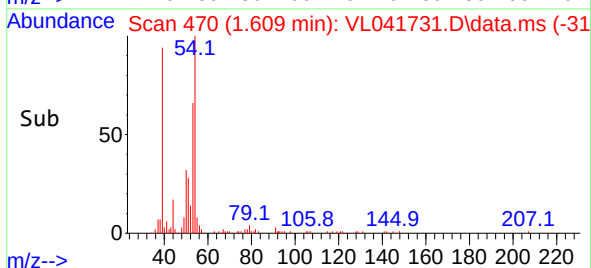
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

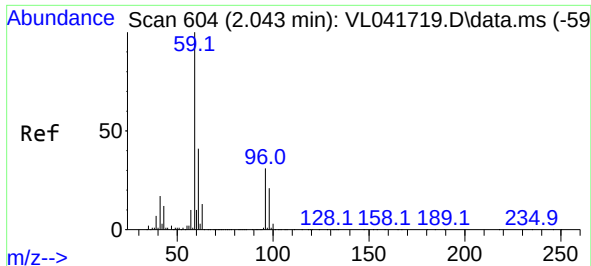


#16
1,3-Butadiene
Concen: 0.697 ppbv
RT: 1.609 min Scan# 470
Delta R.T. -0.003 min
Lab File: VL041731.D
Acq: 11 Dec 2024 21:02



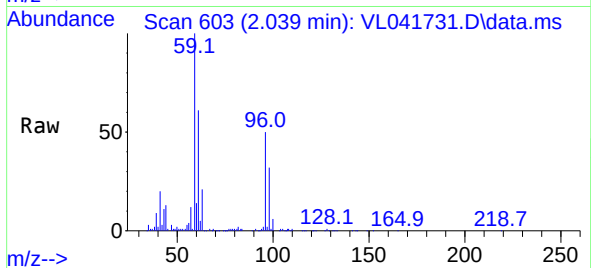
Tgt Ion: 39 Resp: 7199
Ion Ratio Lower Upper
39 100
54 103.3 85.0 127.6





#17
tert-Butyl alcohol
Concen: 0.568 ppbv
RT: 2.039 min Scan# 604
Delta R.T. -0.003 min
Lab File: VL041731.D
Acq: 11 Dec 2024 21:02

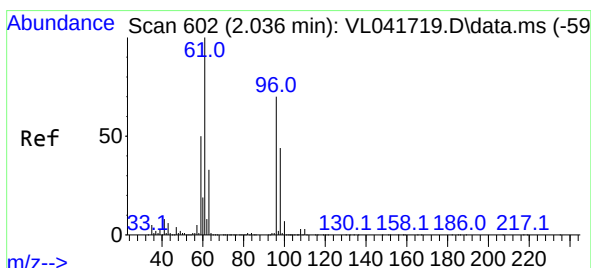
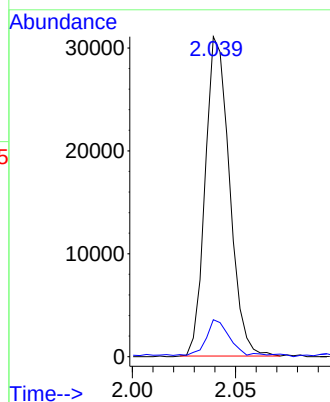
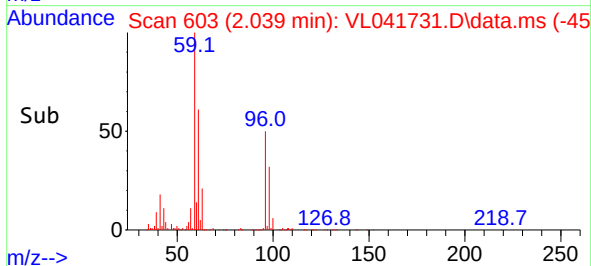
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



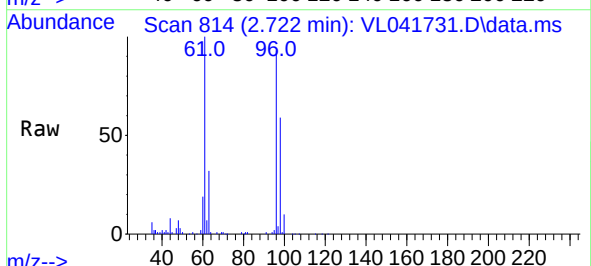
Tgt Ion: 59 Resp: 2537
Ion Ratio Lower Upper
59 100
57 11.5 8.2 12.4

Manual Integrations
APPROVED

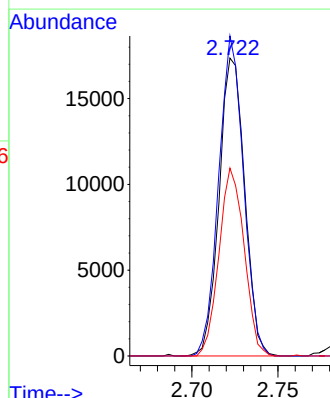
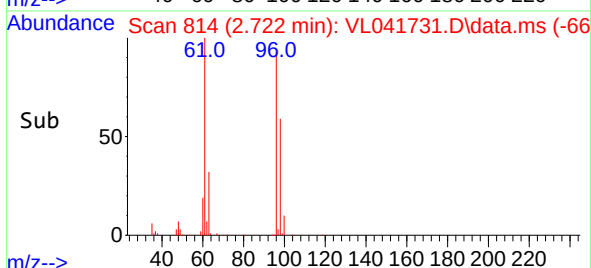
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

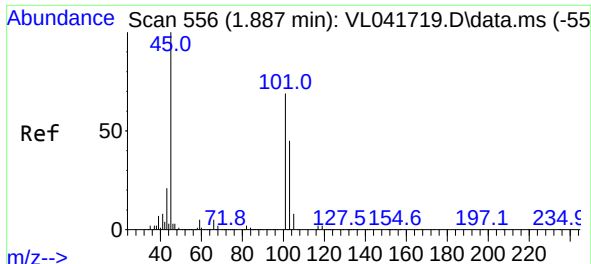


#18
1,1-Dichloroethene
Concen: 0.496 ppbv
RT: 2.722 min Scan# 814
Delta R.T. -0.003 min
Lab File: VL041731.D
Acq: 11 Dec 2024 21:02



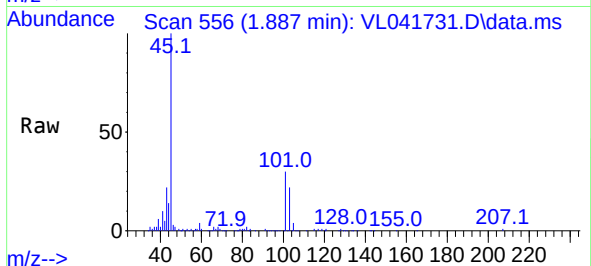
Tgt Ion: 96 Resp: 17943
Ion Ratio Lower Upper
96 100
61 107.4 84.8 127.2
98 63.0 51.2 76.8





#19
Isopropyl Alcohol
Concen: 0.891 ppbv
RT: 1.887 min Scan# 511
Delta R.T. -0.000 min
Lab File: VL041731.D
Acq: 11 Dec 2024 21:02

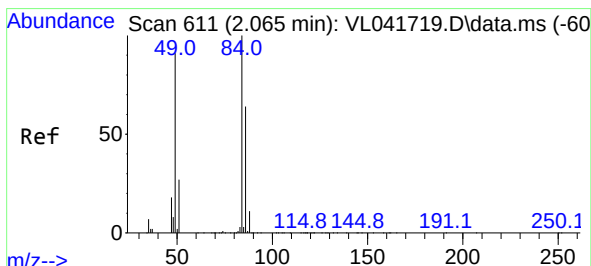
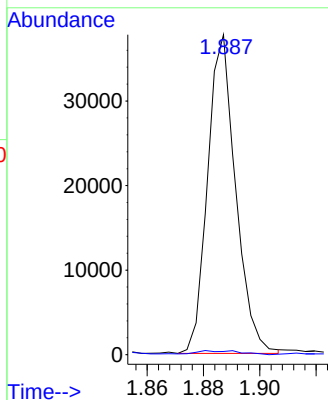
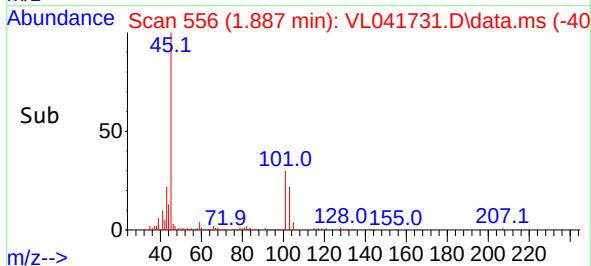
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion: 45 Resp: 26050
Ion Ratio Lower Upper
45 100
58 2.7 40.6 61.0

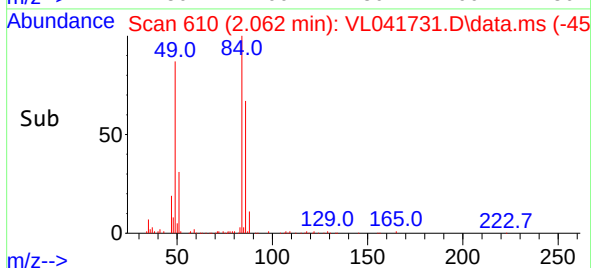
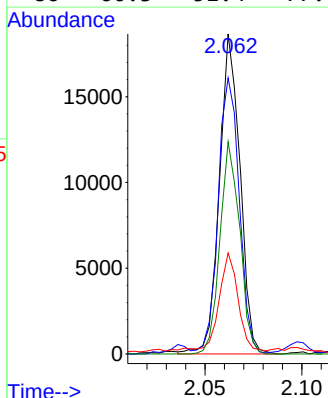
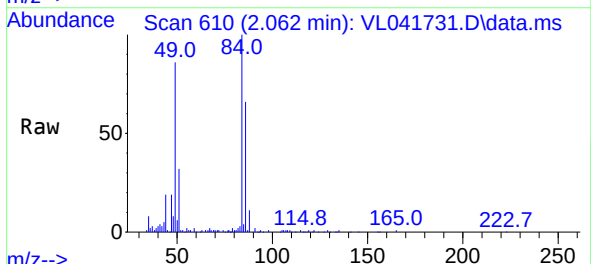
Manual Integrations
APPROVED

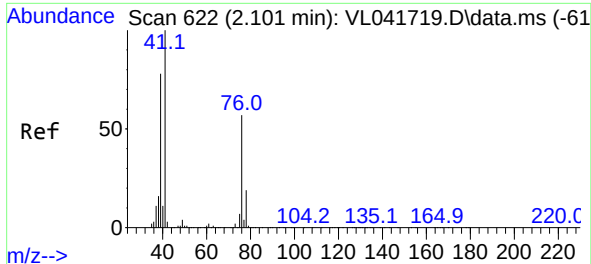
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#20
Methylene Chloride
Concen: 0.739 ppbv
RT: 2.062 min Scan# 610
Delta R.T. -0.003 min
Lab File: VL041731.D
Acq: 11 Dec 2024 21:02

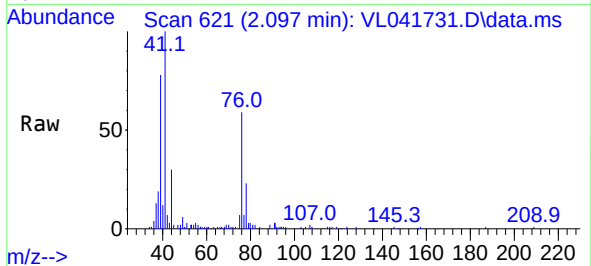
Tgt Ion: 84 Resp: 13787
Ion Ratio Lower Upper
84 100
49 85.5 73.6 110.4
51 30.3 22.7 34.1
86 66.3 51.4 77.0





#21
Allyl Chloride
Concen: 0.579 ppbv
RT: 2.097 min Scan# 61
Delta R.T. -0.003 min
Lab File: VL041731.D
Acq: 11 Dec 2024 21:02

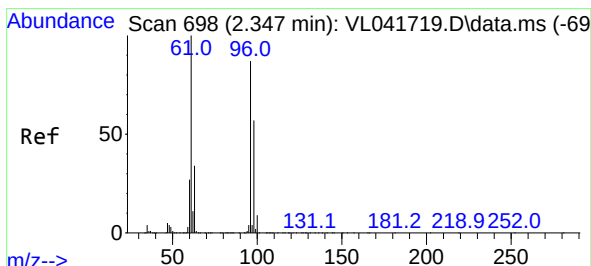
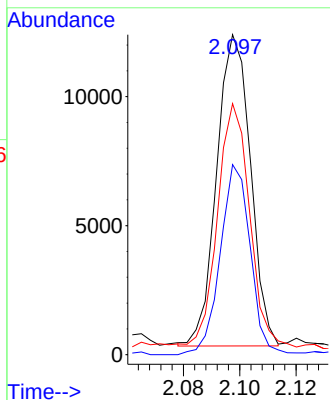
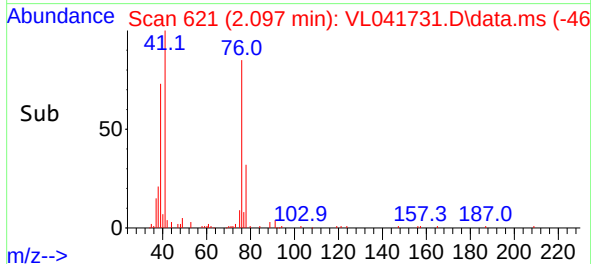
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion: 41 Resp: 1004
Ion Ratio Lower Upper
41 100
76 54.5 44.2 66.2
39 75.4 62.8 94.2

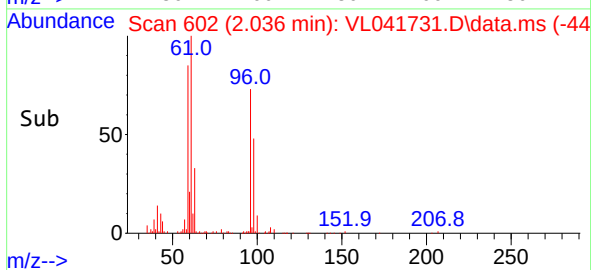
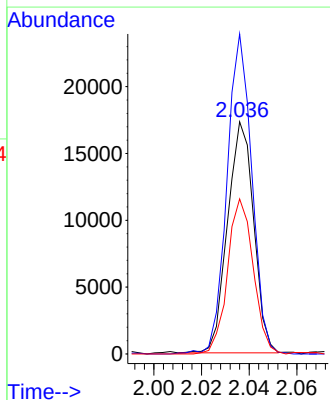
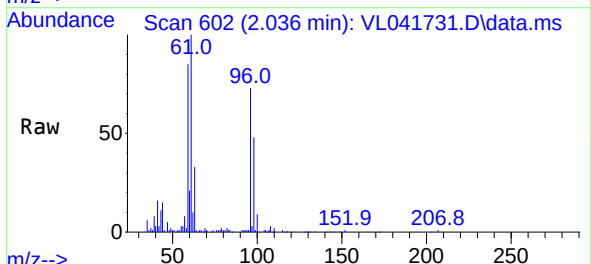
Manual Integrations
APPROVED

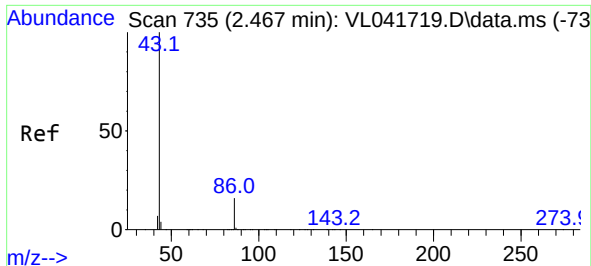
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#22
trans-1,2-Dichloroethene
Concen: 0.598 ppbv
RT: 2.036 min Scan# 602
Delta R.T. -0.000 min
Lab File: VL041731.D
Acq: 11 Dec 2024 21:02

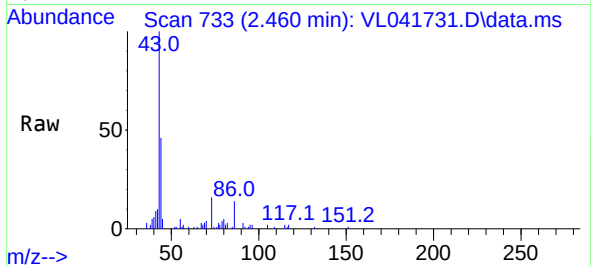
Tgt Ion: 96 Resp: 13193
Ion Ratio Lower Upper
96 100
61 138.1 114.4 171.6
98 67.1 50.6 75.8





#23
Vinyl Acetate
Concen: 0.400 ppbv m
RT: 2.460 min Scan# 718
Delta R.T. -0.007 min
Lab File: VL041731.D
Acq: 11 Dec 2024 21:02

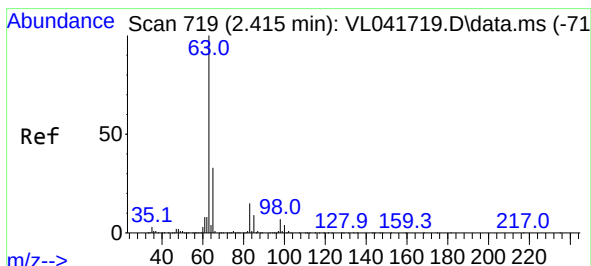
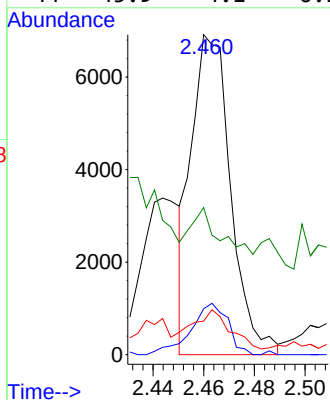
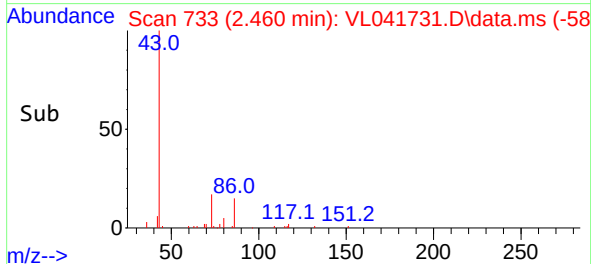
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion: 43	Resp: 746
Ion Ratio	Lower Upper
43	100
86	14.3 11.5 17.3
42	10.5 6.6 10.0
44	45.9 4.1 6.1

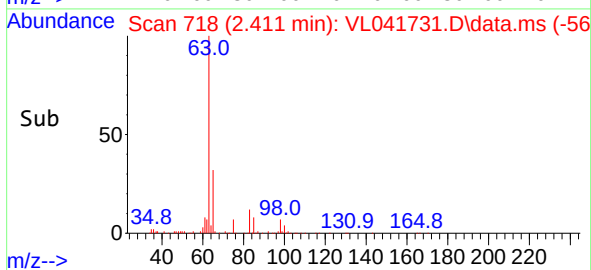
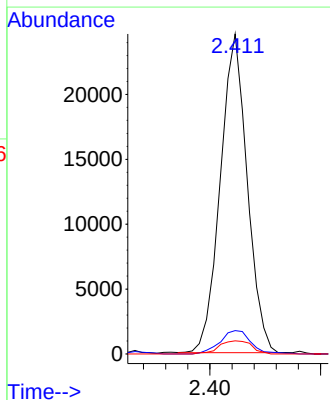
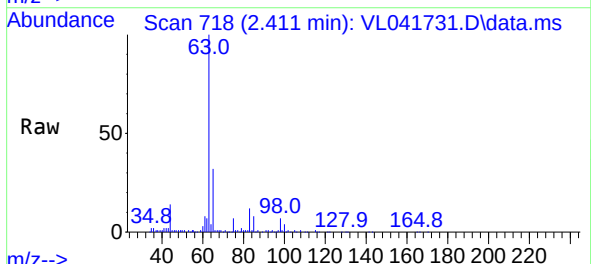
Manual Integrations
APPROVED

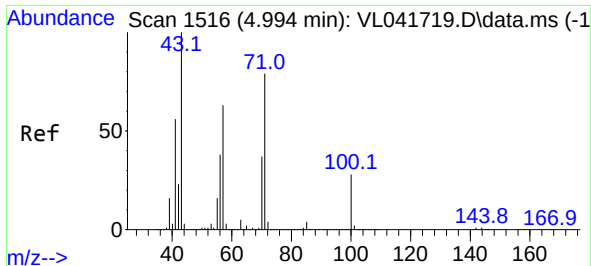
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#24
1,1-Dichloroethane
Concen: 0.599 ppbv
RT: 2.411 min Scan# 718
Delta R.T. -0.003 min
Lab File: VL041731.D
Acq: 11 Dec 2024 21:02

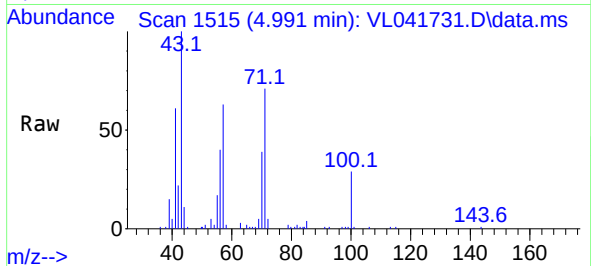
Tgt Ion: 63	Resp: 20772
Ion Ratio	Lower Upper
63	100
98	7.3 3.6 10.8
100	4.1 2.3 6.8





#25
Ethyl Acetate
Concen: 0.484 ppbv m
RT: 4.991 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL041731.D
Acq: 11 Dec 2024 21:02

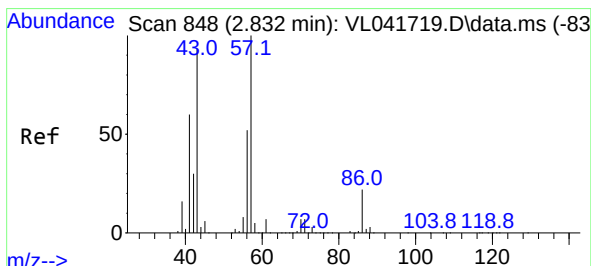
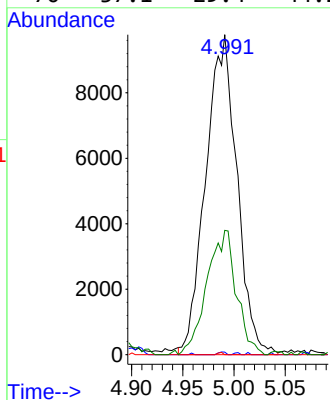
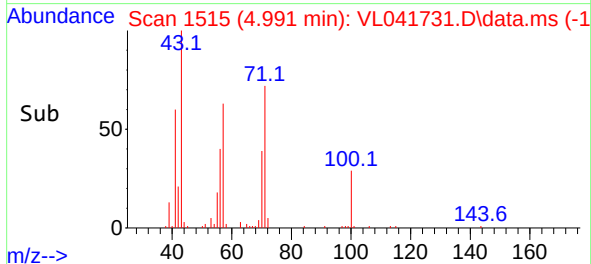
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion: 43 Resp: 20729
Ion Ratio Lower Upper
43 100
45 0.4 0.0 0.0
61 0.1 0.4 0.6
70 37.1 29.4 44.2

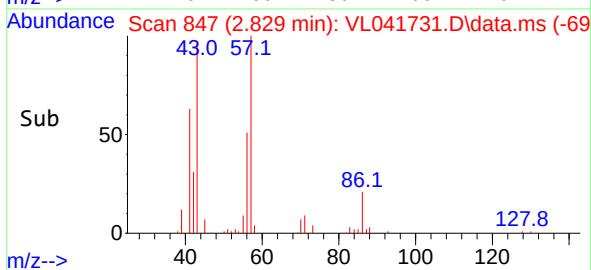
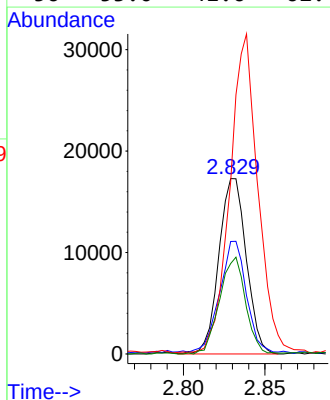
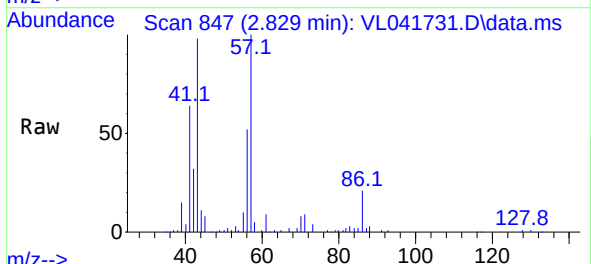
Manual Integrations
APPROVED

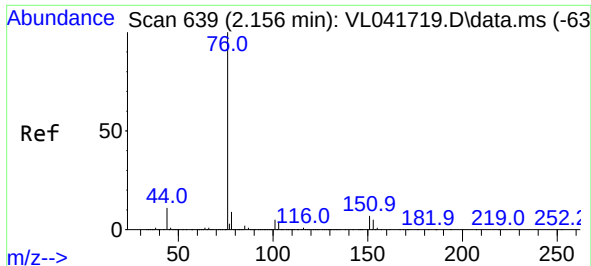
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#26
Hexane
Concen: 0.486 ppbv
RT: 2.829 min Scan# 847
Delta R.T. -0.003 min
Lab File: VL041731.D
Acq: 11 Dec 2024 21:02

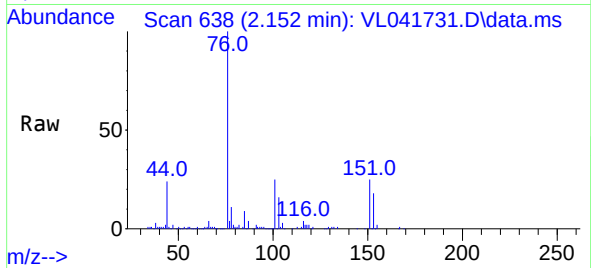
Tgt Ion: 57 Resp: 20180
Ion Ratio Lower Upper
57 100
41 63.8 49.5 74.3
43 188.5 150.6 225.8
56 53.0 41.6 62.4





#27
Carbon Disulfide
Concen: 0.494 ppbv
RT: 2.152 min Scan# 61
Delta R.T. -0.003 min
Lab File: VL041731.D
Acq: 11 Dec 2024 21:02

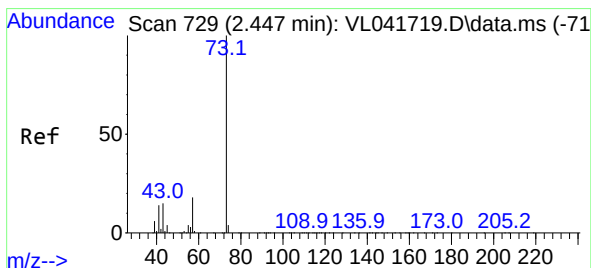
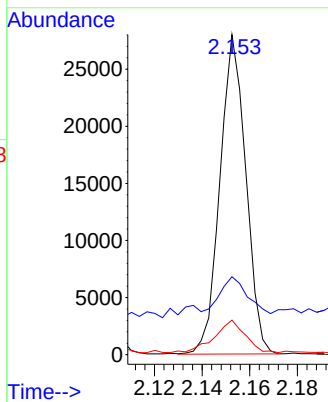
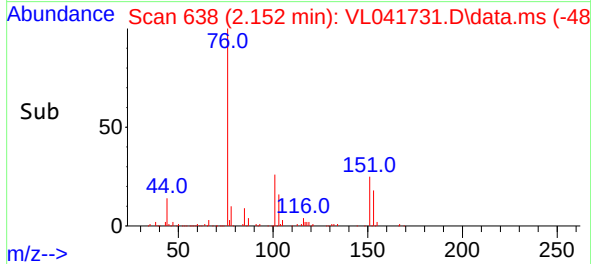
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion: 76 Resp: 21099
Ion Ratio Lower Upper
76 100
44 40.2 9.4 14.0
78 14.2 9.4 14.0

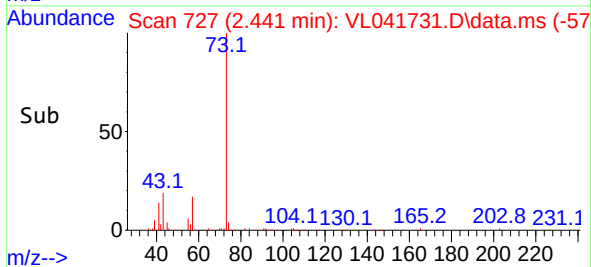
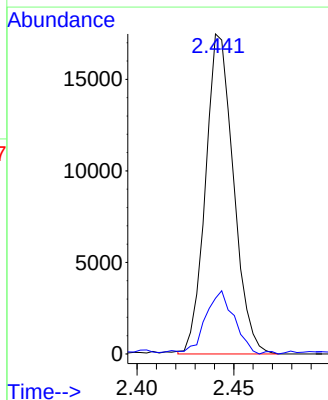
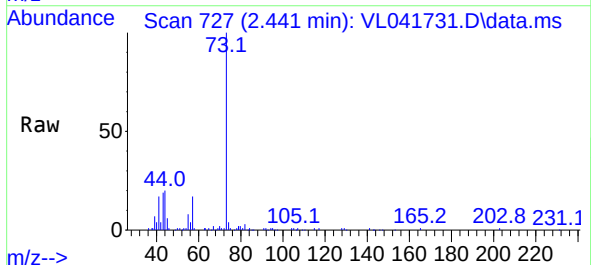
Manual Integrations
APPROVED

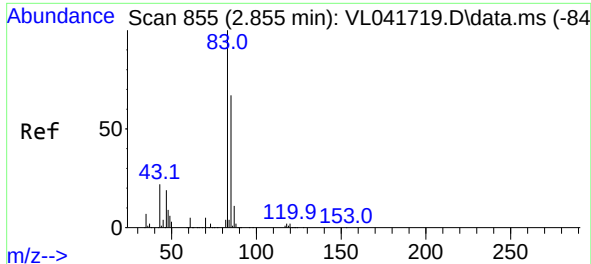
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#28
Methyl tert-Butyl Ether
Concen: 0.564 ppbv
RT: 2.441 min Scan# 727
Delta R.T. -0.007 min
Lab File: VL041731.D
Acq: 11 Dec 2024 21:02

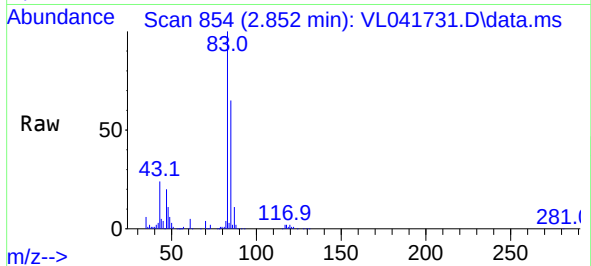
Tgt Ion: 73 Resp: 17568
Ion Ratio Lower Upper
73 100
57 19.8 15.3 22.9





#29
Chloroform
Concen: 0.477 ppbv
RT: 2.852 min Scan# 855
Delta R.T. -0.003 min
Lab File: VL041731.D
Acq: 11 Dec 2024 21:02

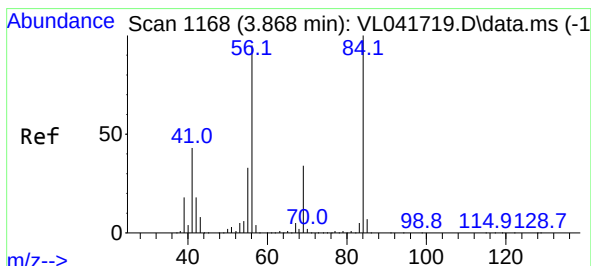
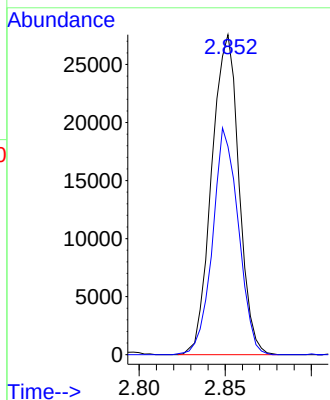
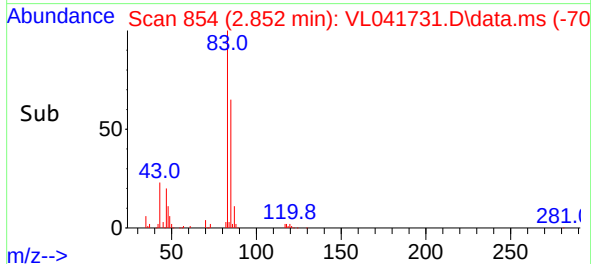
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion: 83 Resp: 30300
Ion Ratio Lower Upper
83 100
85 65.1 53.6 80.4

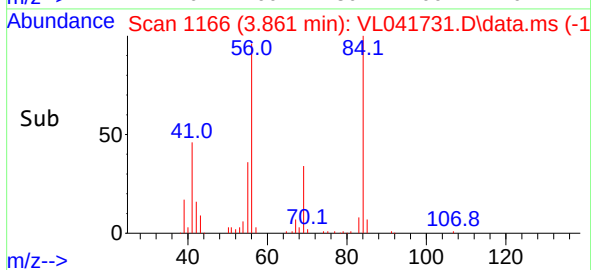
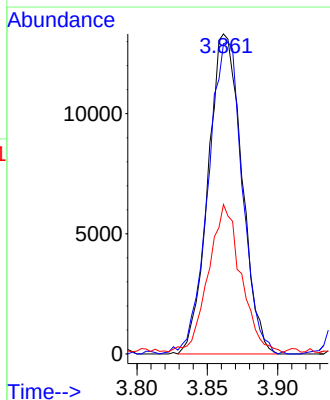
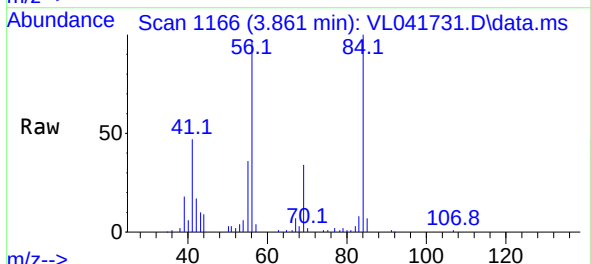
Manual Integrations
APPROVED

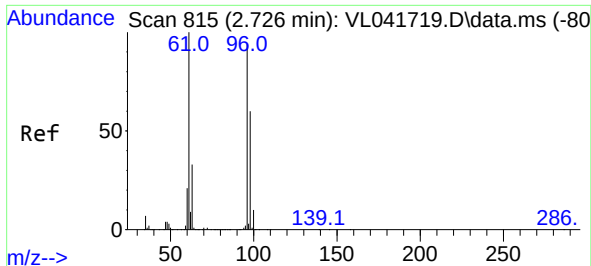
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#30
Cyclohexane
Concen: 0.475 ppbv
RT: 3.861 min Scan# 1166
Delta R.T. -0.007 min
Lab File: VL041731.D
Acq: 11 Dec 2024 21:02

Tgt Ion: 84 Resp: 22176
Ion Ratio Lower Upper
84 100
56 99.6 76.0 114.0
41 45.0 34.2 51.4





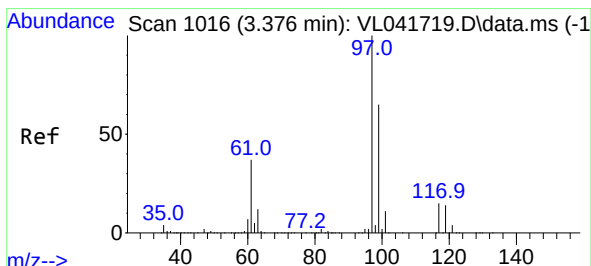
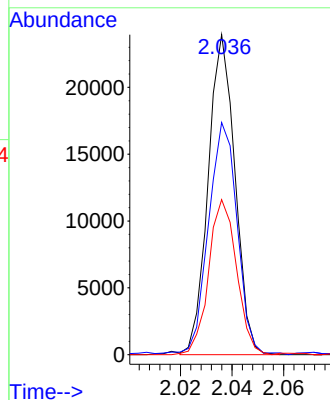
#31
cis-1,2-Dichloroethene
Concen: 0.573 ppbv
RT: 2.036 min Scan# 602
Delta R.T. -0.000 min
Lab File: VL041731.D
Acq: 11 Dec 2024 21:02

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024

Tgt Ion: 61 Resp: 17288
Ion Ratio Lower Upper
61 100
96 72.0 55.9 83.9
98 48.0 35.4 53.0

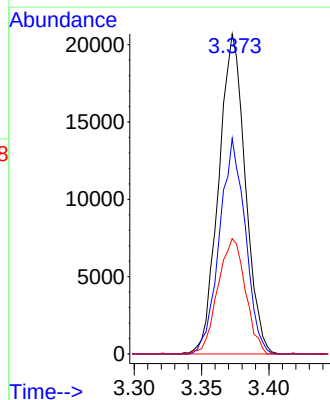
Manual Integrations
APPROVED

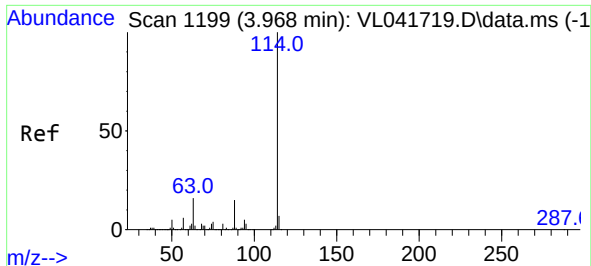
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#32
1,1,1-Trichloroethane
Concen: 0.454 ppbv
RT: 3.373 min Scan# 1015
Delta R.T. -0.003 min
Lab File: VL041731.D
Acq: 11 Dec 2024 21:02

Tgt Ion: 97 Resp: 28389
Ion Ratio Lower Upper
97 100
99 65.3 52.2 78.2
61 37.3 29.8 44.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.962 min Scan# 1199

Delta R.T. -0.007 min

Lab File: VL041731.D

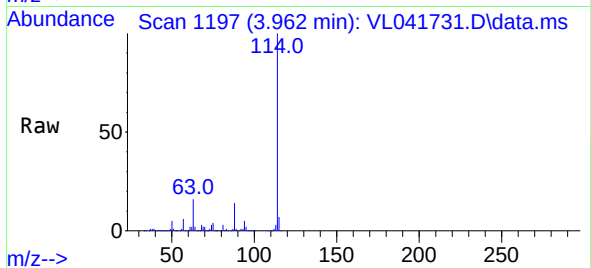
Acq: 11 Dec 2024 21:02

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT4-2024



Tgt Ion:114 Resp: 132774

Ion Ratio Lower Upper

114 100

63 16.0 12.9 19.3

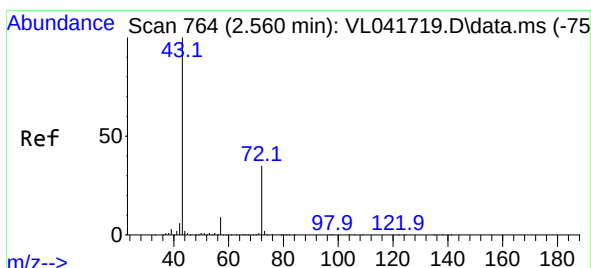
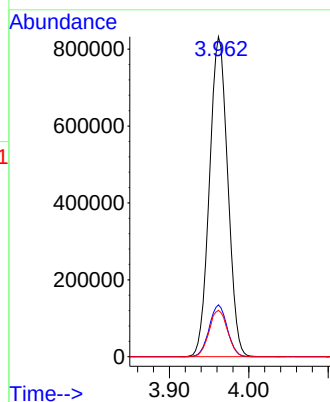
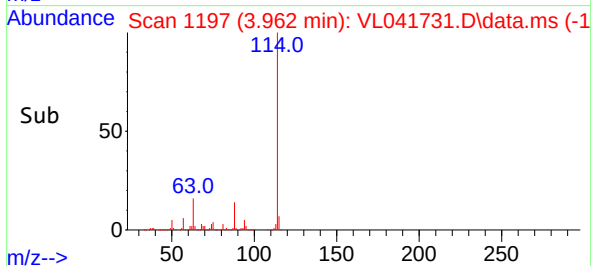
88 14.7 11.8 17.6

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/13/2024

Supervised By :Semsettin Yesilyurt 12/13/2024



#34

2-Butanone

Concen: 0.488 ppbv

RT: 2.560 min Scan# 764

Delta R.T. -0.000 min

Lab File: VL041731.D

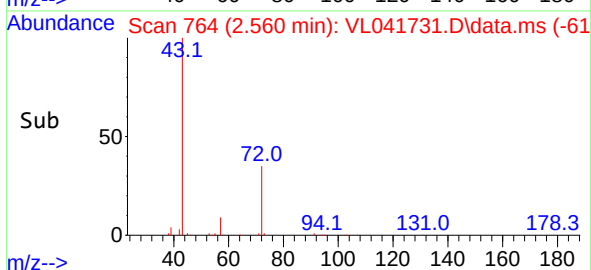
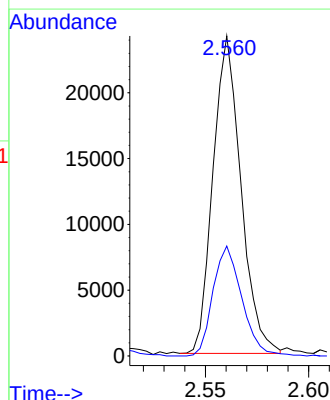
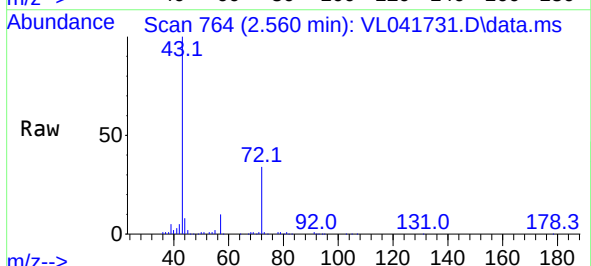
Acq: 11 Dec 2024 21:02

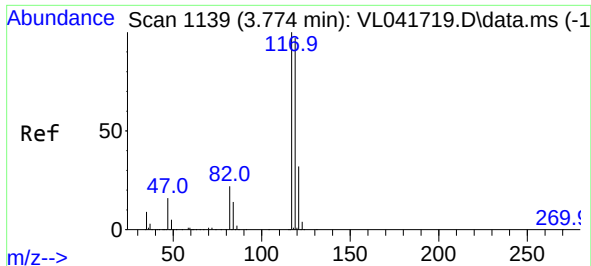
Tgt Ion: 43 Resp: 22665

Ion Ratio Lower Upper

43 100

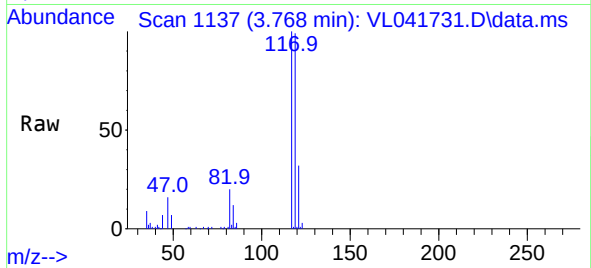
72 35.8 28.3 42.5





#35
Carbon Tetrachloride
Concen: 0.433 ppbv
RT: 3.768 min Scan# 1137
Delta R.T. -0.007 min
Lab File: VL041731.D
Acq: 11 Dec 2024 21:02

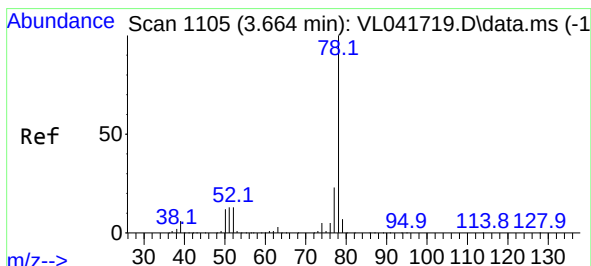
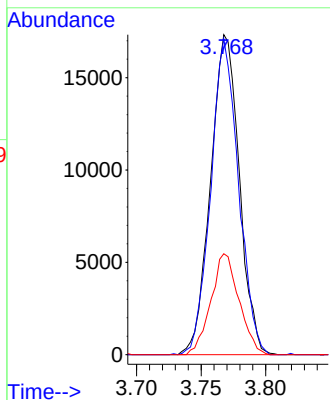
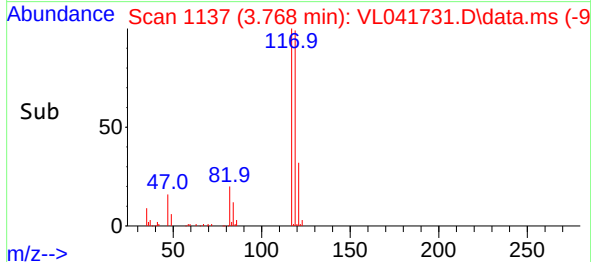
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion:117 Resp: 2680
Ion Ratio Lower Upper
117 100
119 98.7 77.7 116.5
121 31.5 25.5 38.3

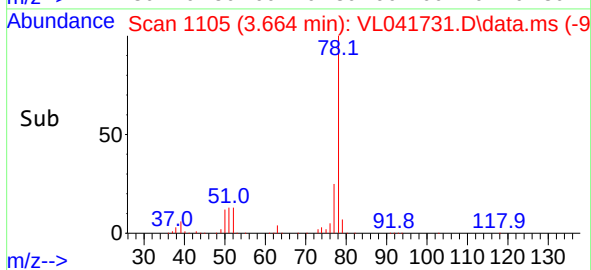
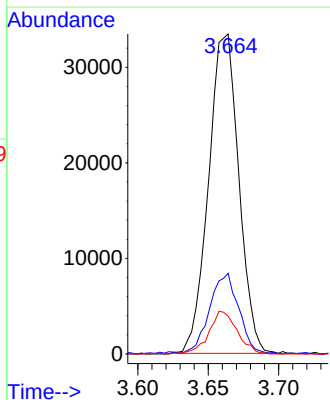
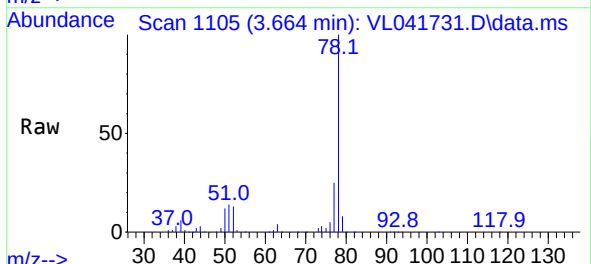
Manual Integrations
APPROVED

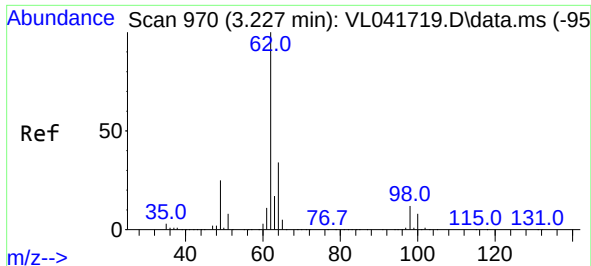
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#36
Benzene
Concen: 0.479 ppbv
RT: 3.664 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VL041731.D
Acq: 11 Dec 2024 21:02

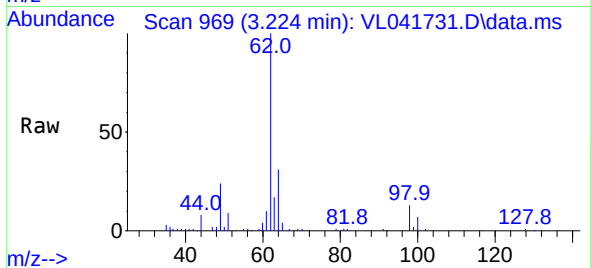
Tgt Ion: 78 Resp: 50038
Ion Ratio Lower Upper
78 100
77 25.1 18.6 27.8
50 11.9 9.5 14.3





#37
1,2-Dichloroethane
Concen: 0.485 ppbv
RT: 3.224 min Scan# 91
Delta R.T. -0.003 min
Lab File: VL041731.D
Acq: 11 Dec 2024 21:02

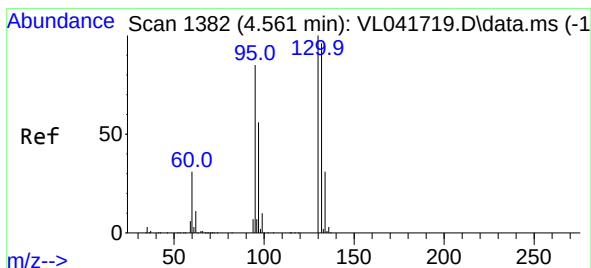
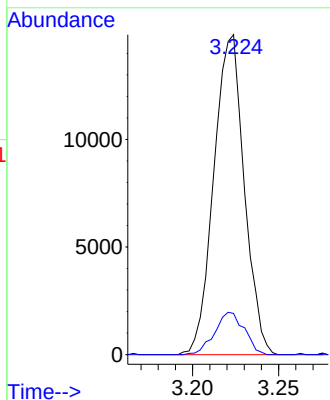
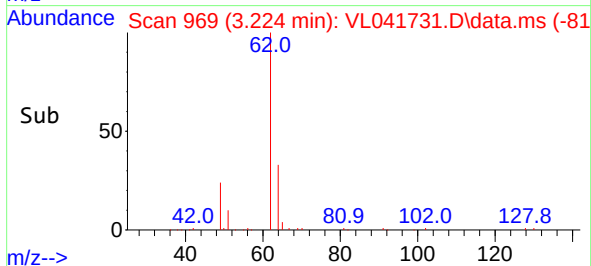
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion: 62 Resp: 18300
Ion Ratio Lower Upper
62 100
98 12.9 9.4 14.2

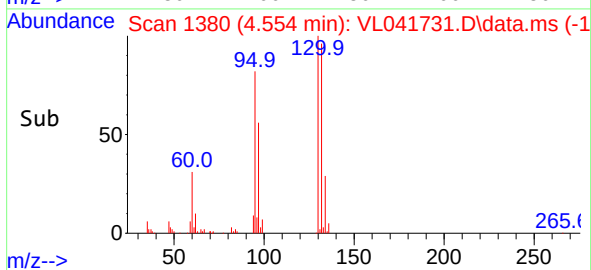
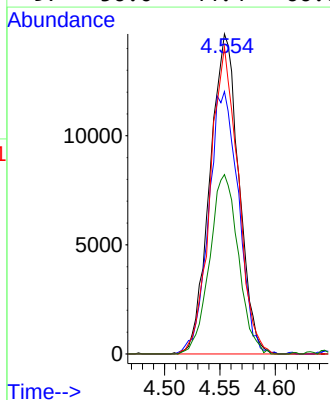
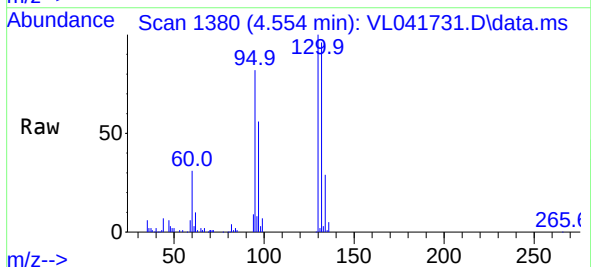
Manual Integrations
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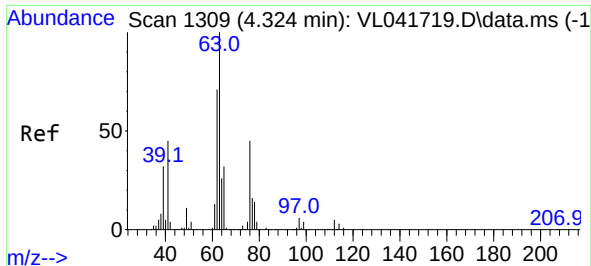
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#38
Trichloroethene
Concen: 0.492 ppbv
RT: 4.554 min Scan# 1380
Delta R.T. -0.007 min
Lab File: VL041731.D
Acq: 11 Dec 2024 21:02

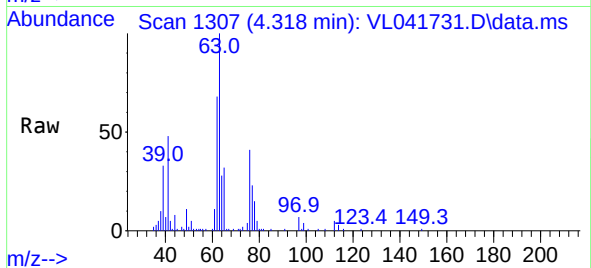
Tgt Ion:130 Resp: 26641
Ion Ratio Lower Upper
130 100
95 82.0 68.0 102.0
132 96.0 76.5 114.7
97 56.0 44.4 66.6





#39
1,2-Dichloropropane
Concen: 0.491 ppbv
RT: 4.318 min Scan# 11
Delta R.T. -0.007 min
Lab File: VL041731.D
Acq: 11 Dec 2024 21:02

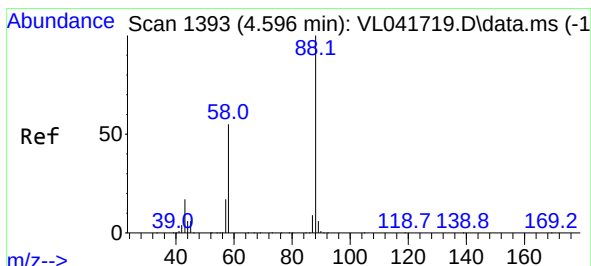
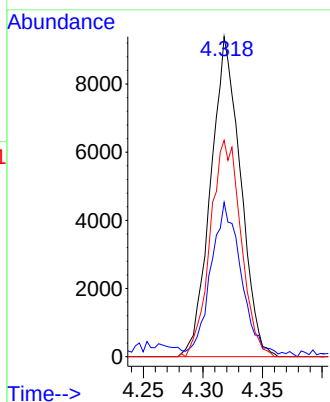
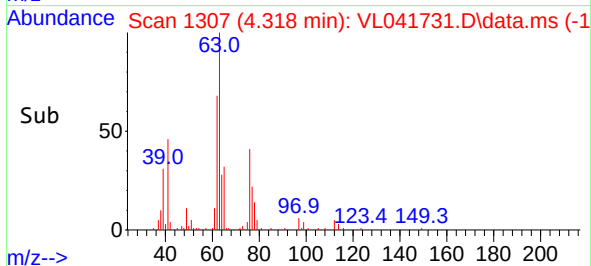
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion: 63 Resp: 1632
Ion Ratio Lower Upper
63 100
41 47.3 36.4 54.6
62 67.6 56.6 85.0

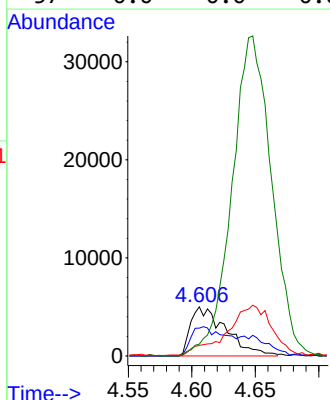
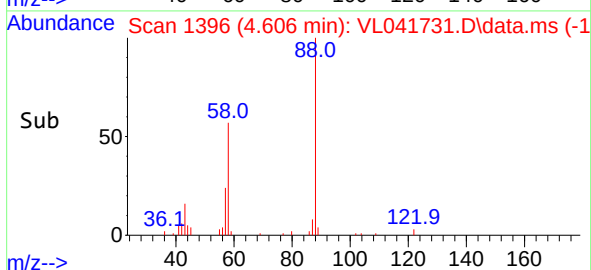
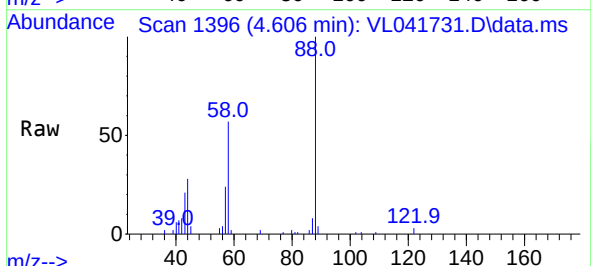
Manual Integrations
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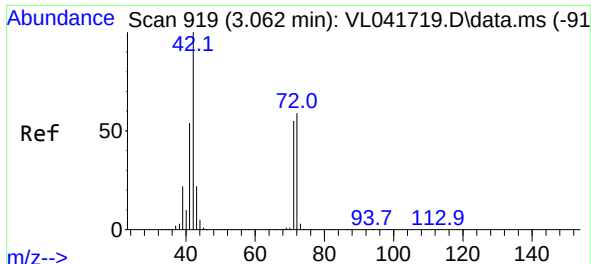
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#40
1,4-Dioxane
Concen: 0.486 ppbv m
RT: 4.606 min Scan# 1396
Delta R.T. 0.010 min
Lab File: VL041731.D
Acq: 11 Dec 2024 21:02

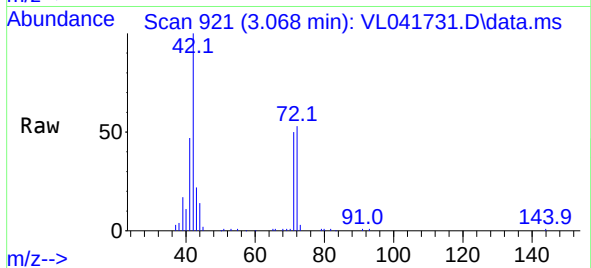
Tgt Ion: 88 Resp: 9748
Ion Ratio Lower Upper
88 100
58 0.0 45.7 68.5#
43 0.0 0.0 0.0
57 0.0 0.0 0.0





#41
Tetrahydrofuran
Concen: 0.506 ppbv
RT: 3.068 min Scan# 919
Delta R.T. 0.006 min
Lab File: VL041731.D
Acq: 11 Dec 2024 21:02

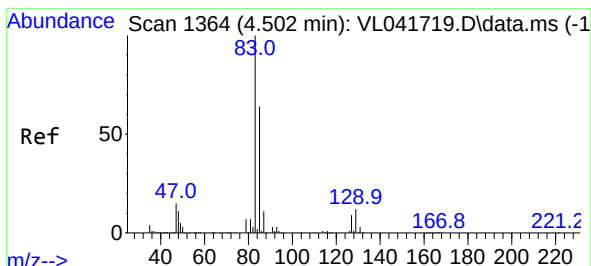
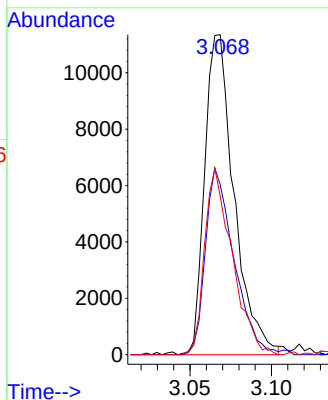
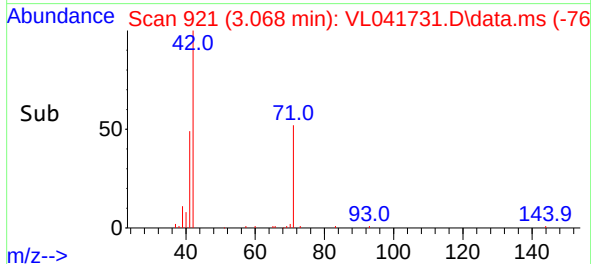
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



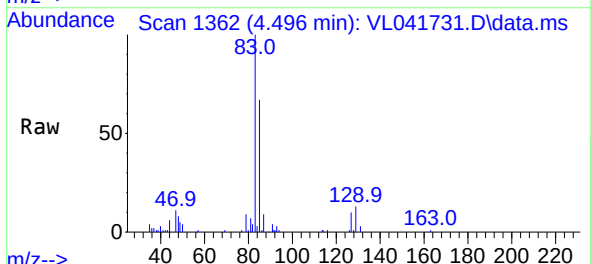
Tgt Ion: 42 Resp: 1418
Ion Ratio Lower Upper
42 100
72 57.0 47.4 71.0
71 55.3 44.4 66.6

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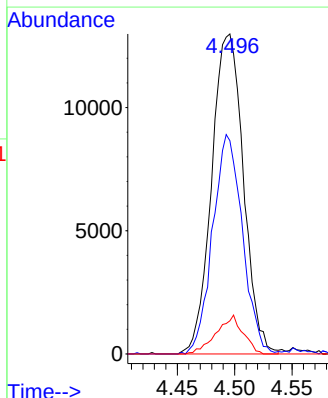
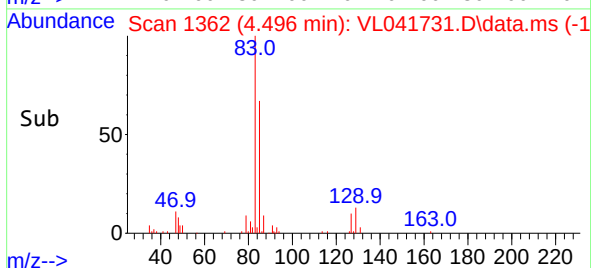
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

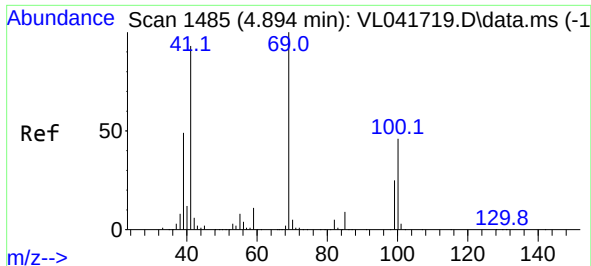


#42
Bromodichloromethane
Concen: 0.411 ppbv
RT: 4.496 min Scan# 1362
Delta R.T. -0.007 min
Lab File: VL041731.D
Acq: 11 Dec 2024 21:02



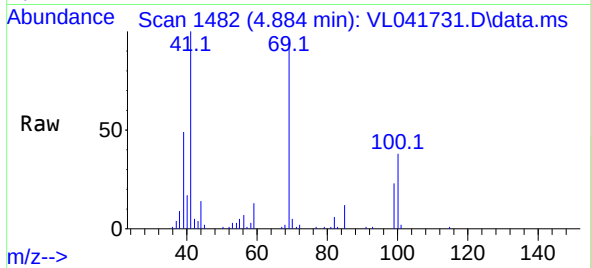
Tgt Ion: 83 Resp: 25029
Ion Ratio Lower Upper
83 100
85 66.6 51.0 76.6
127 10.3 7.6 11.4





#43
Methyl Methacrylate
Concen: 0.454 ppbv
RT: 4.884 min Scan# 1409
Delta R.T. -0.010 min
Lab File: VL041731.D
Acq: 11 Dec 2024 21:02

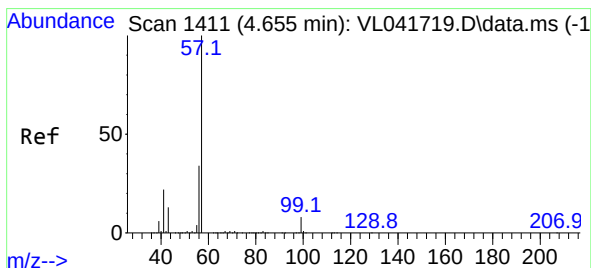
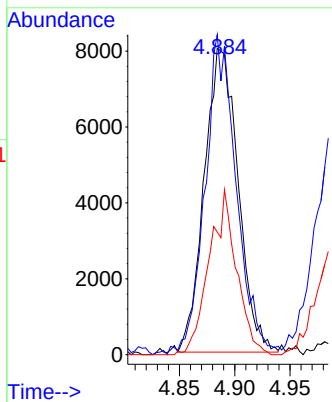
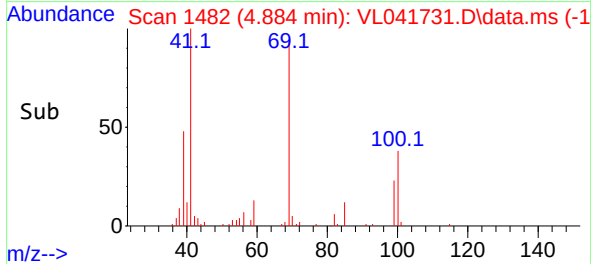
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion: 69 Resp: 17070
Ion Ratio Lower Upper
69 100
41 95.3 74.6 112.0
100 44.0 35.5 53.3

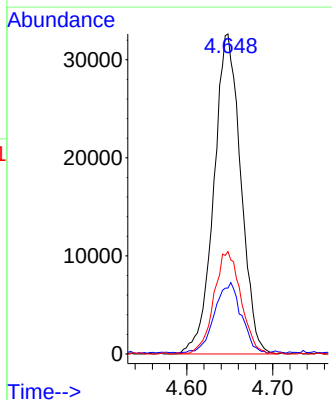
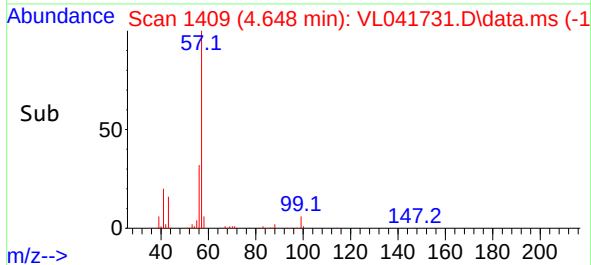
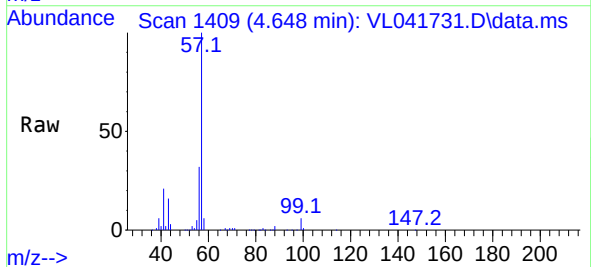
Manual Integrations
APPROVED

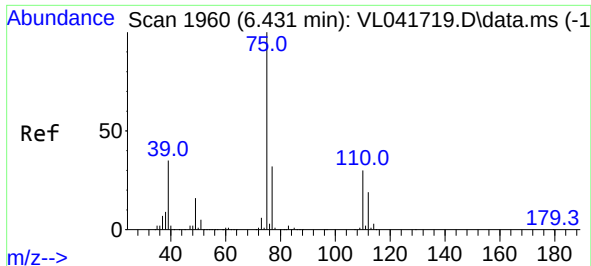
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#44
2,2,4-Trimethylpentane
Concen: 0.488 ppbv
RT: 4.648 min Scan# 1409
Delta R.T. -0.007 min
Lab File: VL041731.D
Acq: 11 Dec 2024 21:02

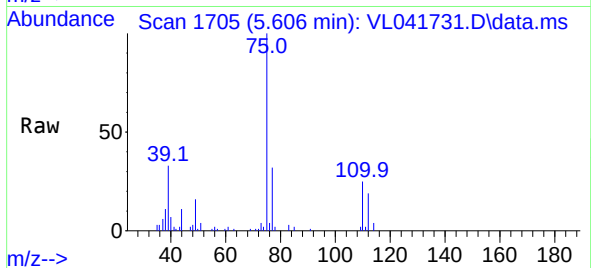
Tgt Ion: 57 Resp: 70898
Ion Ratio Lower Upper
57 100
41 22.8 17.2 25.8
56 32.2 26.6 40.0





#45
t-1,3-Dichloropropene
Concen: 0.408 ppbv
RT: 5.606 min Scan# 11
Delta R.T. -0.010 min
Lab File: VL041731.D
Acq: 11 Dec 2024 21:02

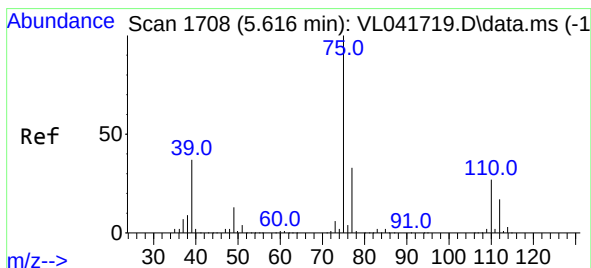
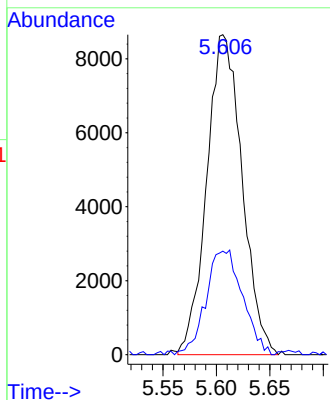
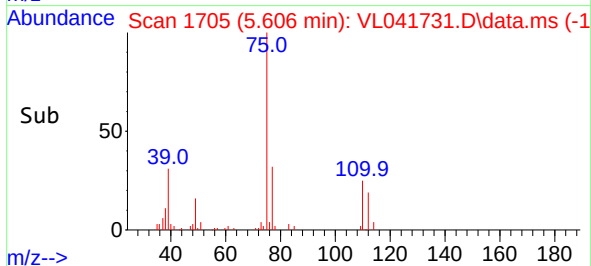
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion: 75 Resp: 1986
Ion Ratio Lower Upper
75 100
77 32.4 26.2 39.4

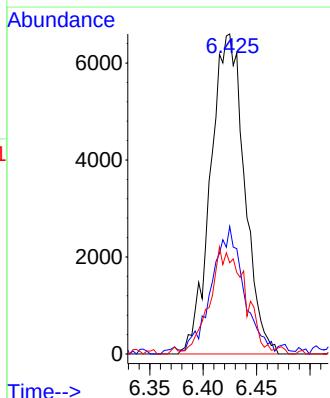
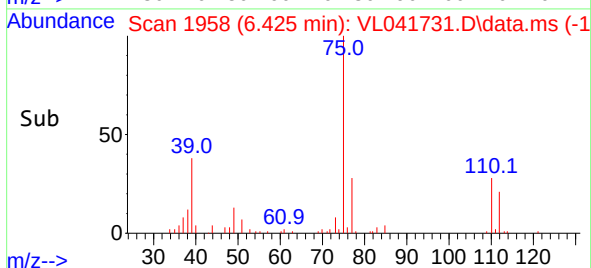
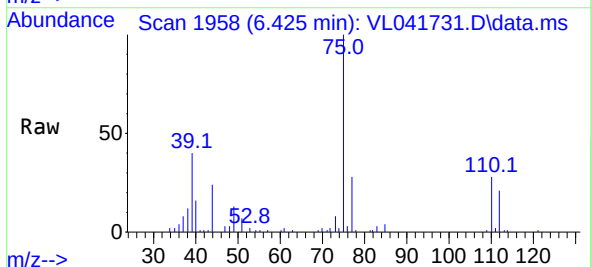
Manual Integrations
APPROVED

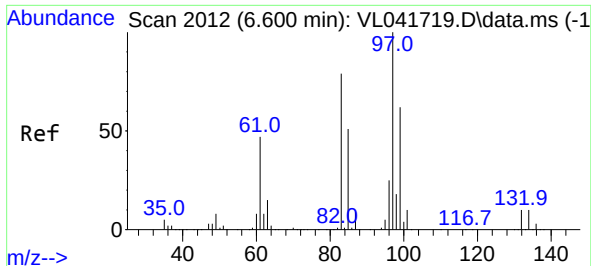
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#46
cis-1,3-Dichloropropene
Concen: 0.396 ppbv
RT: 6.425 min Scan# 1958
Delta R.T. -0.007 min
Lab File: VL041731.D
Acq: 11 Dec 2024 21:02

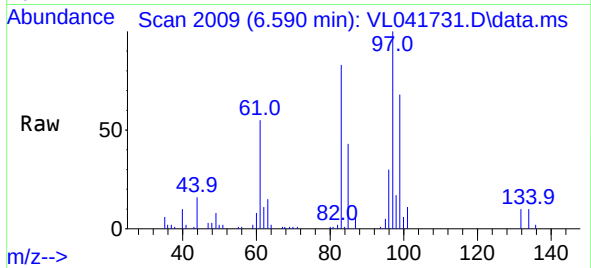
Tgt Ion: 75 Resp: 14543
Ion Ratio Lower Upper
75 100
39 38.5 28.1 42.1
77 27.5 25.8 38.6





#47
1,1,2-Trichloroethane
Concen: 0.456 ppbv
RT: 6.590 min Scan# 2018
Delta R.T. -0.010 min
Lab File: VL041731.D
Acq: 11 Dec 2024 21:02

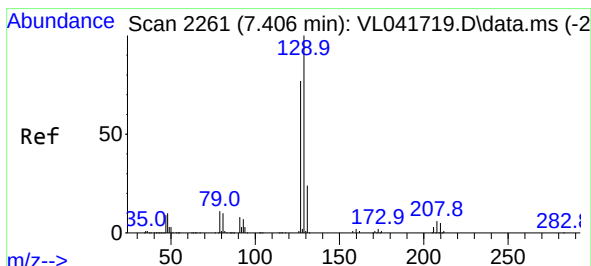
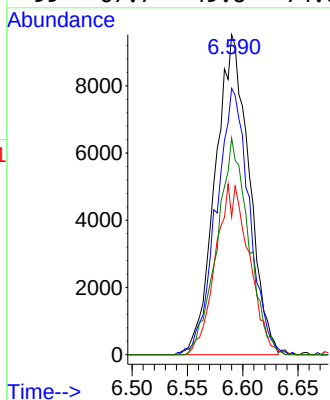
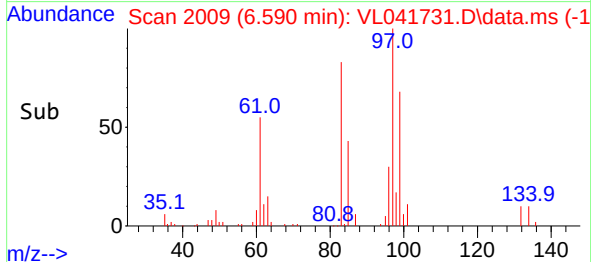
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.6	63.0	94.4
85	43.1	41.0	61.6
99	67.7	49.8	74.6

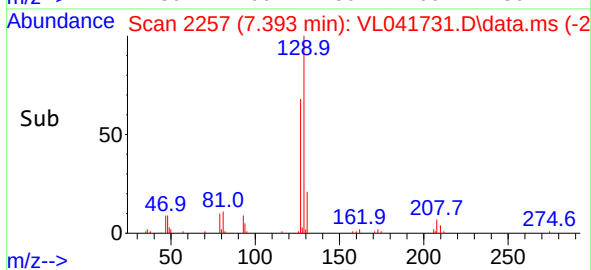
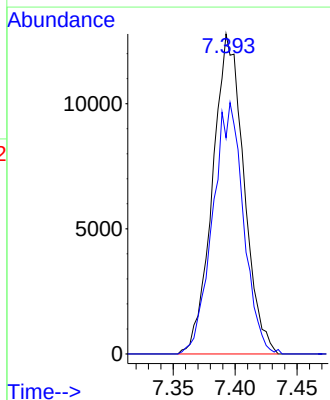
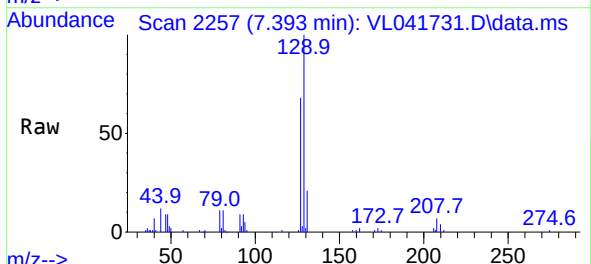
Manual Integrations
APPROVED

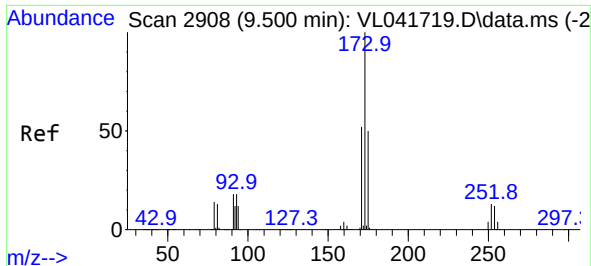
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#48
Dibromochloromethane
Concen: 0.352 ppbv
RT: 7.393 min Scan# 2257
Delta R.T. -0.013 min
Lab File: VL041731.D
Acq: 11 Dec 2024 21:02

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.6	38.6	115.7





#49

Bromoform

Concen: 0.326 ppbv

RT: 9.493 min Scan# 2908

Delta R.T. -0.007 min

Lab File: VL041731.D

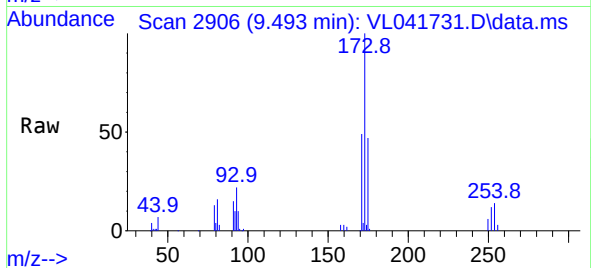
Acq: 11 Dec 2024 21:02

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT4-2024

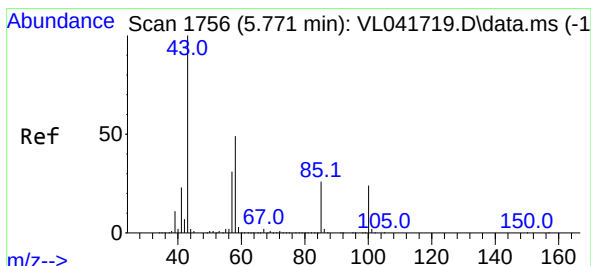
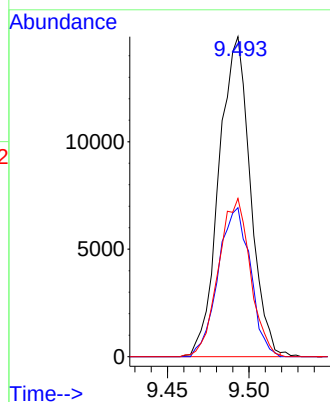


Tgt Ion:	173	Resp:	1989
Ion Ratio	Lower	Upper	
173	100		
175	47.9	39.5	59.3
171	50.1	41.4	62.0

Manual Integrations

APPROVED

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



#50

4-Methyl-2-Pentanone

Concen: 0.469 ppbv

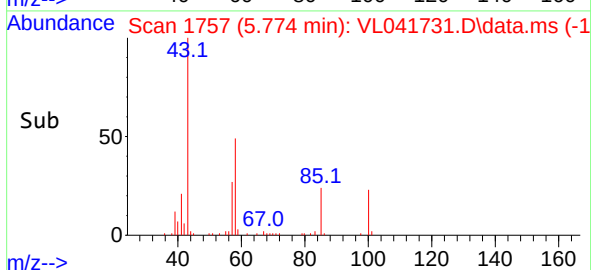
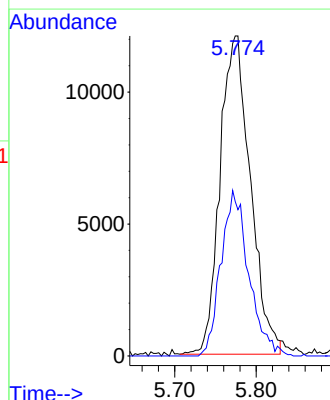
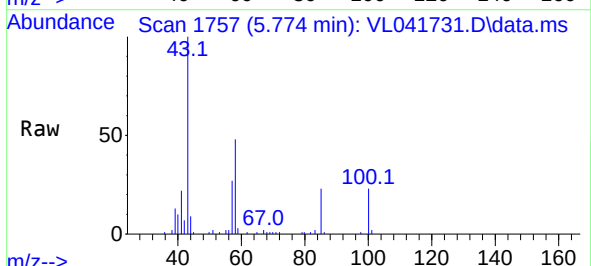
RT: 5.774 min Scan# 1757

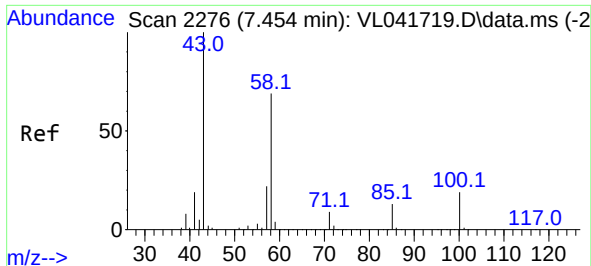
Delta R.T. 0.003 min

Lab File: VL041731.D

Acq: 11 Dec 2024 21:02

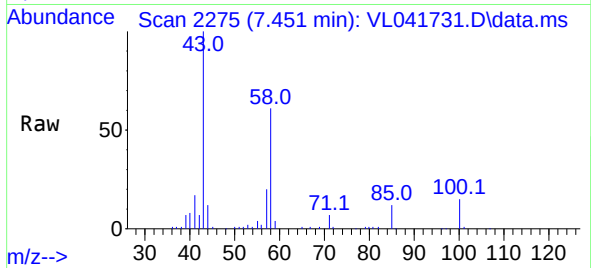
Tgt Ion:	43	Resp:	31305
Ion Ratio	Lower	Upper	
43	100		
58	47.5	38.9	58.3





#51
2-Hexanone
Concen: 0.457 ppbv
RT: 7.451 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041731.D
Acq: 11 Dec 2024 21:02

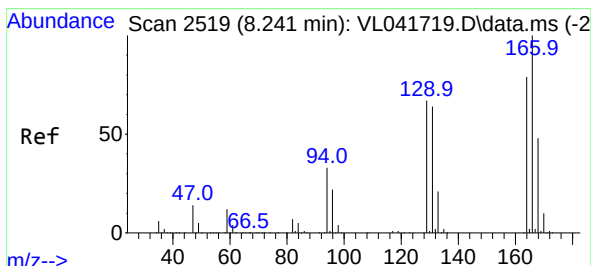
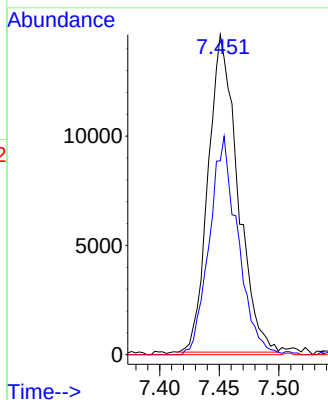
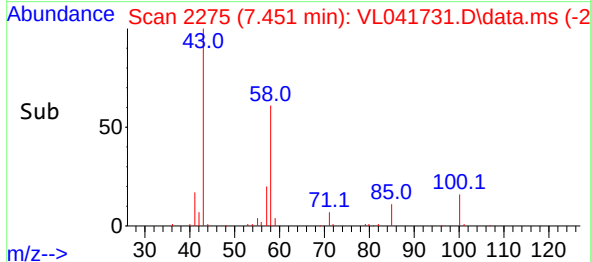
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion: 43 Resp: 25074
Ion Ratio Lower Upper
43 100
58 66.4 54.2 81.4
98 0.1 0.2 0.2

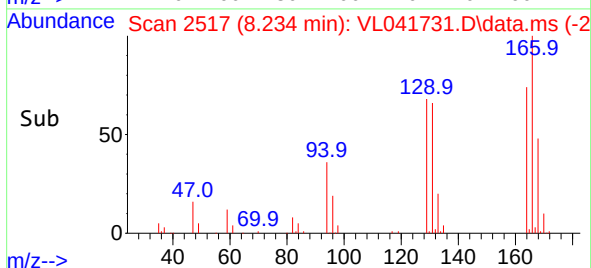
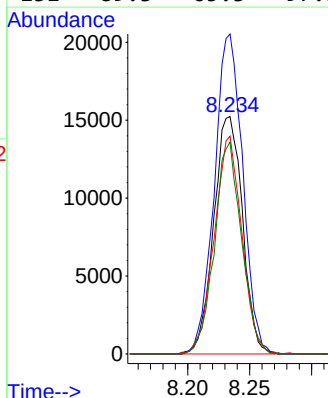
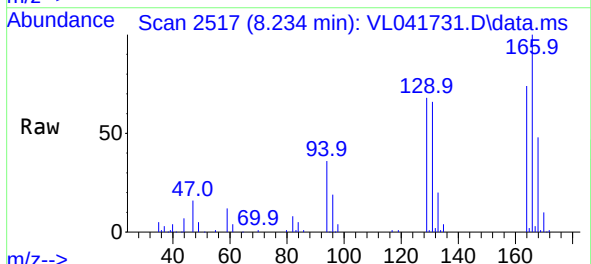
Manual Integrations
APPROVED

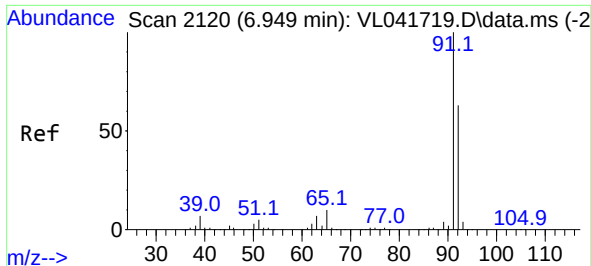
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#52
Tetrachloroethene
Concen: 0.445 ppbv
RT: 8.234 min Scan# 2517
Delta R.T. -0.007 min
Lab File: VL041731.D
Acq: 11 Dec 2024 21:02

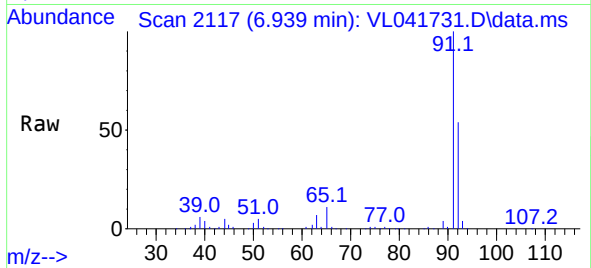
Tgt Ion:164 Resp: 24611
Ion Ratio Lower Upper
164 100
166 134.8 101.4 152.0
129 91.8 67.6 101.4
131 89.3 65.3 97.9





#53
Toluene
Concen: 0.474 ppbv
RT: 6.939 min Scan# 2117
Delta R.T. -0.010 min
Lab File: VL041731.D
Acq: 11 Dec 2024 21:02

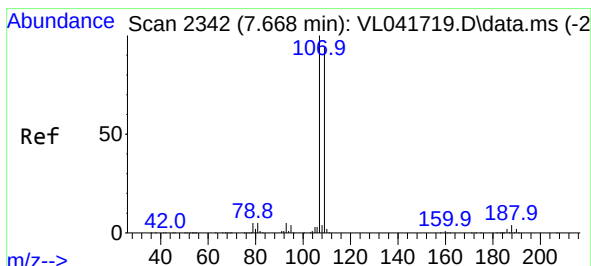
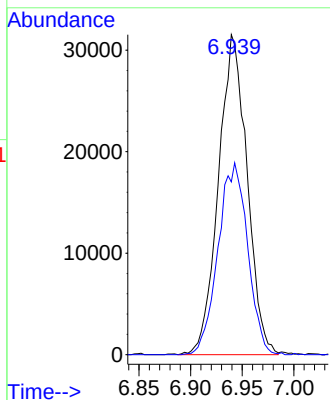
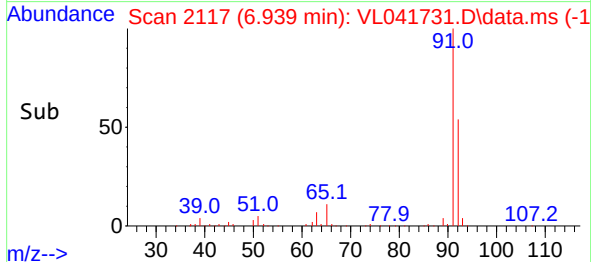
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



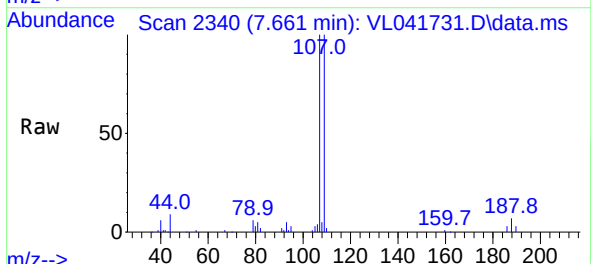
Tgt Ion: 91 Resp: 6076
Ion Ratio Lower Upper
91 100
92 62.0 49.7 74.5

Manual Integrations
APPROVED

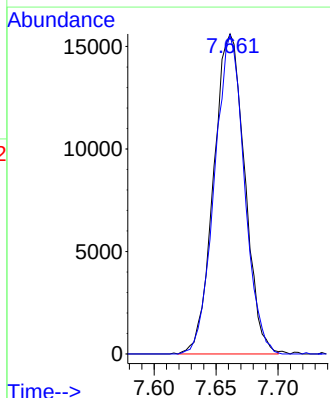
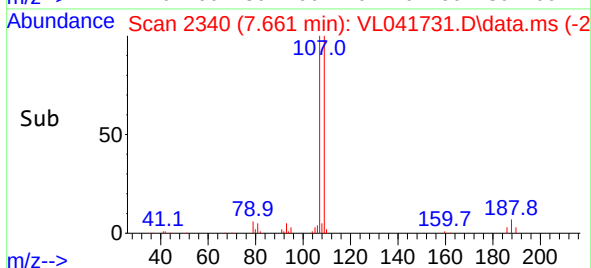
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

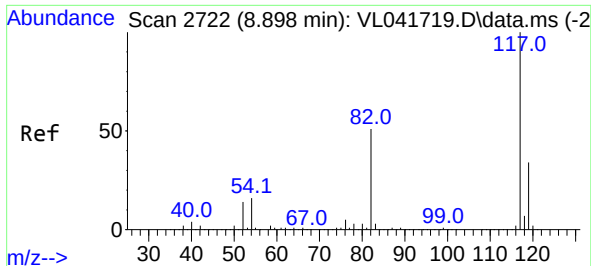


#54
1,2-Dibromoethane
Concen: 0.451 ppbv
RT: 7.661 min Scan# 2340
Delta R.T. -0.007 min
Lab File: VL041731.D
Acq: 11 Dec 2024 21:02



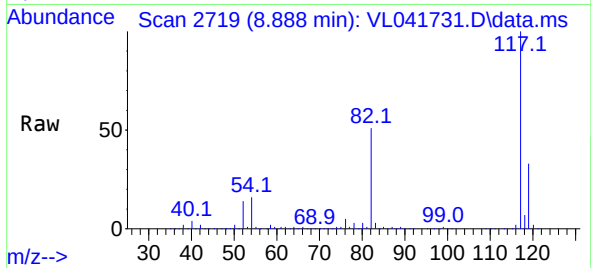
Tgt Ion:107 Resp: 27292
Ion Ratio Lower Upper
107 100
109 99.6 75.5 113.3





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.888 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL041731.D
Acq: 11 Dec 2024 21:02

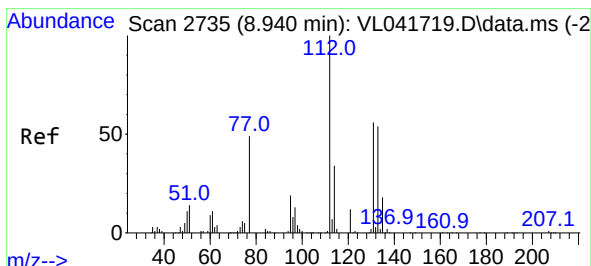
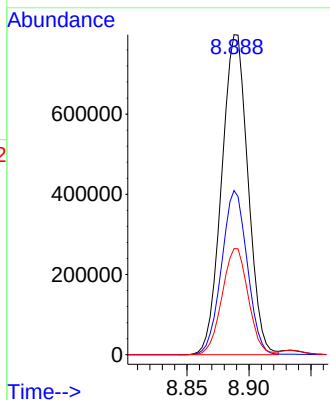
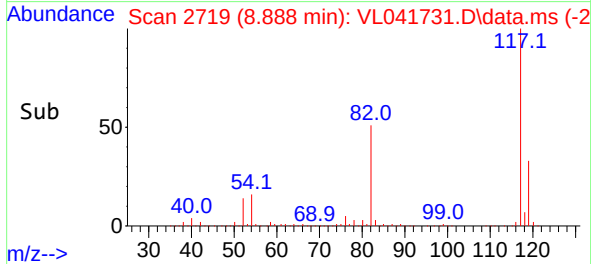
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



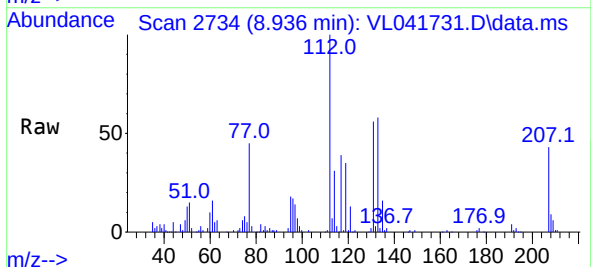
Tgt Ion:117 Resp: 118147
Ion Ratio Lower Upper
117 100
82 50.2 41.3 61.9
119 34.2 25.8 38.8

Manual Integrations
APPROVED

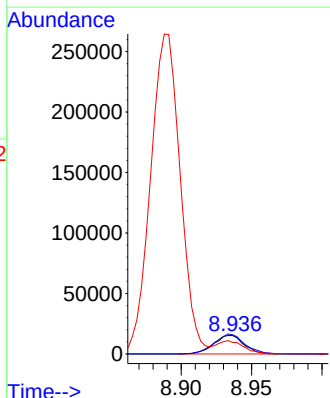
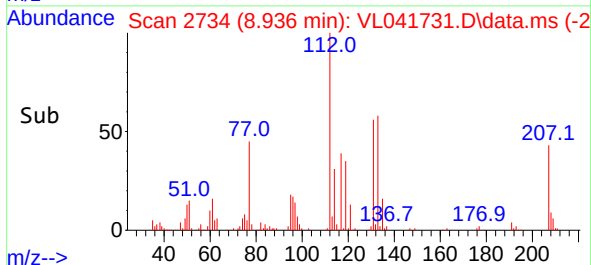
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

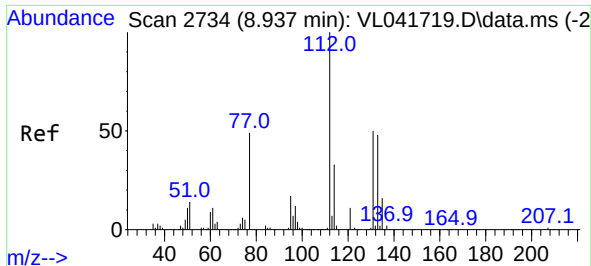


#56
1,1,1,2-Tetrachloroethane
Concen: 0.419 ppbv
RT: 8.936 min Scan# 2734
Delta R.T. -0.003 min
Lab File: VL041731.D
Acq: 11 Dec 2024 21:02



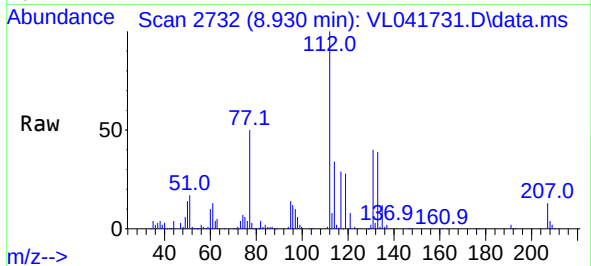
Tgt Ion:131 Resp: 23039
Ion Ratio Lower Upper
131 100
133 105.2 76.9 115.3
119 1752.7 52.6 78.8#





#57
Chlorobenzene
Concen: 0.485 ppbv
RT: 8.930 min Scan# 21
Delta R.T. -0.007 min
Lab File: VL041731.D
Acq: 11 Dec 2024 21:02

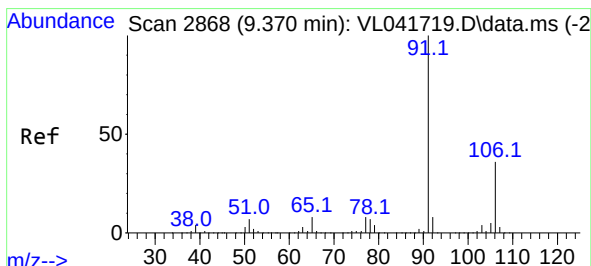
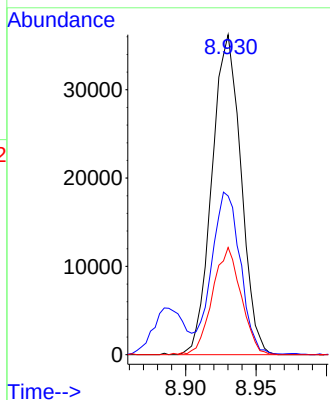
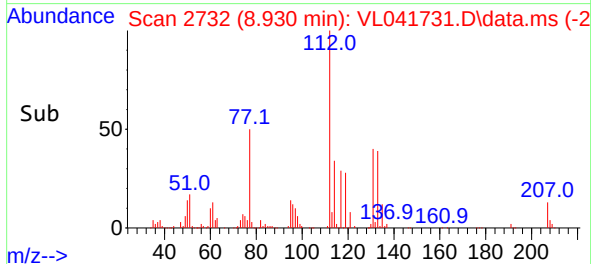
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion:112 Resp: 5212
Ion Ratio Lower Upper
112 100
77 49.3 40.1 60.1
114 33.5 30.2 36.9

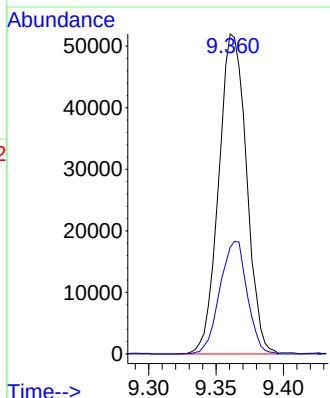
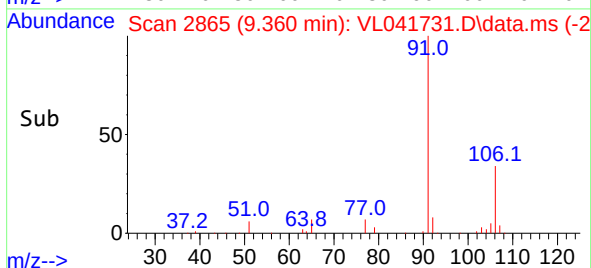
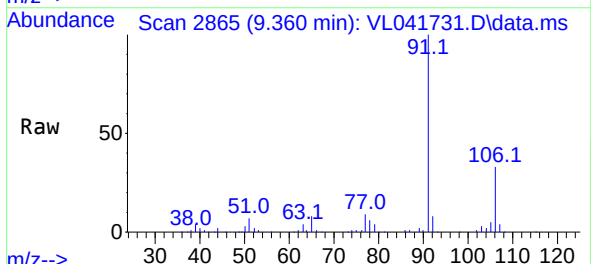
Manual Integrations
APPROVED

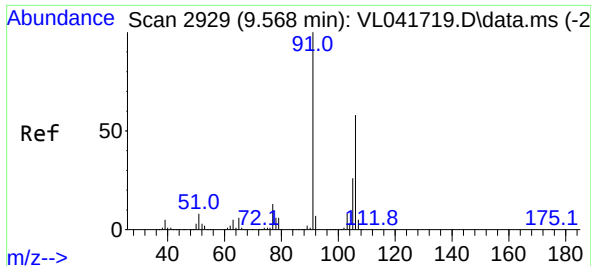
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#58
Ethyl Benzene
Concen: 0.471 ppbv
RT: 9.360 min Scan# 2865
Delta R.T. -0.010 min
Lab File: VL041731.D
Acq: 11 Dec 2024 21:02

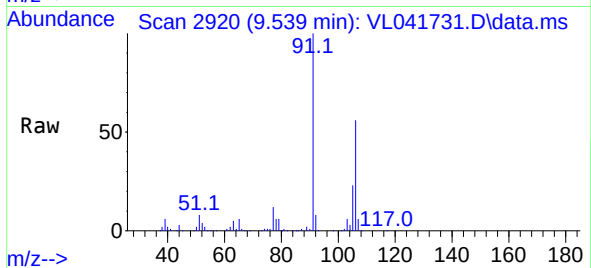
Tgt Ion: 91 Resp: 74524
Ion Ratio Lower Upper
91 100
106 33.3 28.6 43.0





#59
m/p-Xylene
Concen: 0.937 ppbv m
RT: 9.539 min Scan# 2929
Delta R.T. -0.029 min
Lab File: VL041731.D
Acq: 11 Dec 2024 21:02

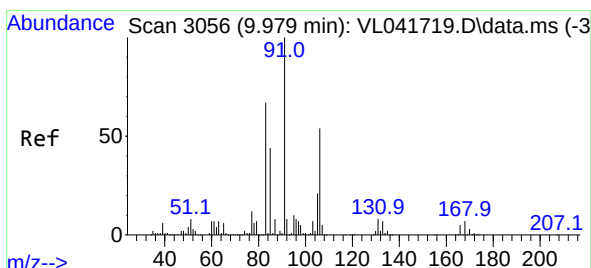
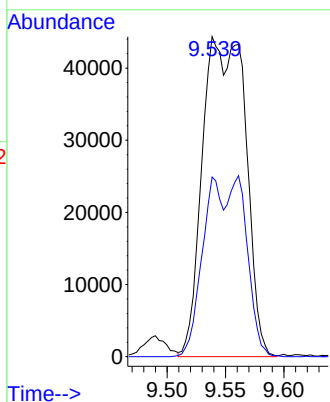
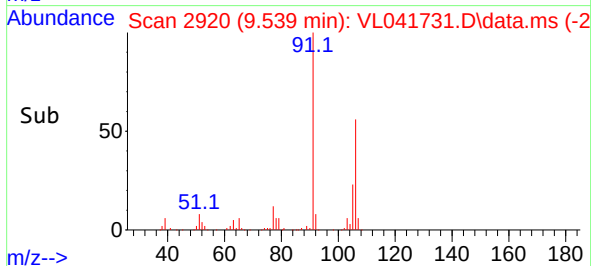
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion: 91 Resp: 11348
Ion Ratio Lower Upper
91 100
106 54.5 45.1 67.7

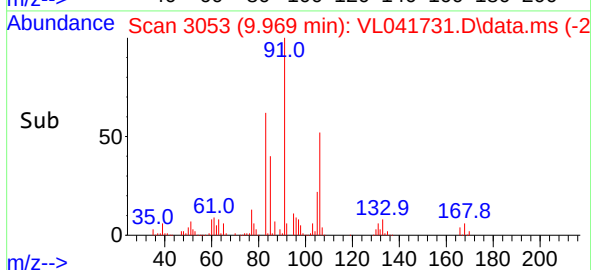
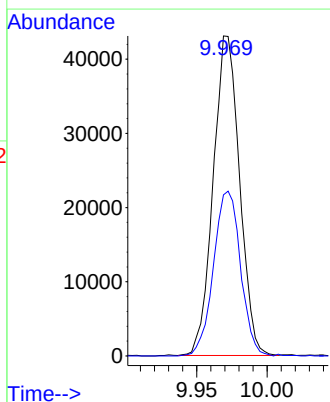
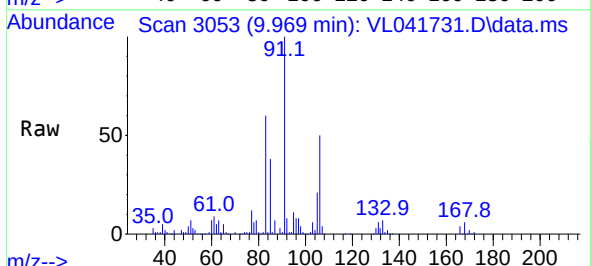
Manual Integrations
APPROVED

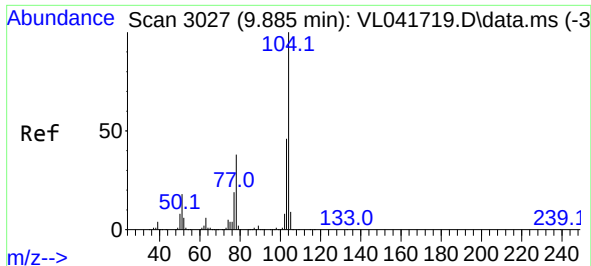
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#60
o-Xylene
Concen: 0.467 ppbv
RT: 9.969 min Scan# 3053
Delta R.T. -0.010 min
Lab File: VL041731.D
Acq: 11 Dec 2024 21:02

Tgt Ion: 91 Resp: 56136
Ion Ratio Lower Upper
91 100
106 53.1 26.8 80.4





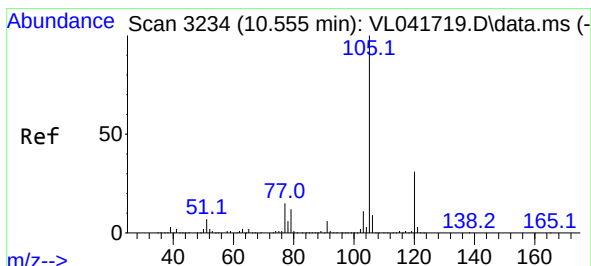
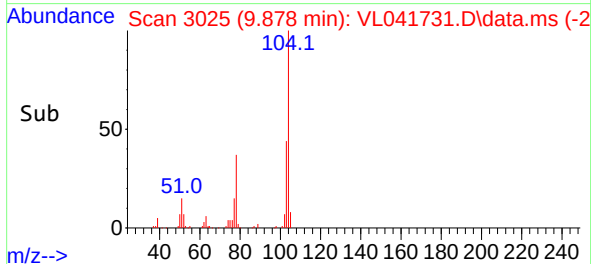
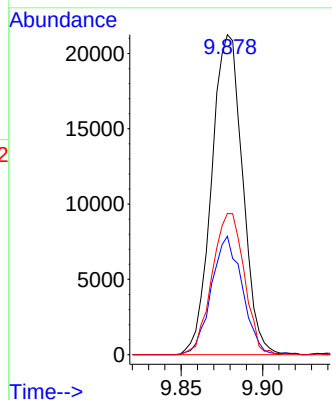
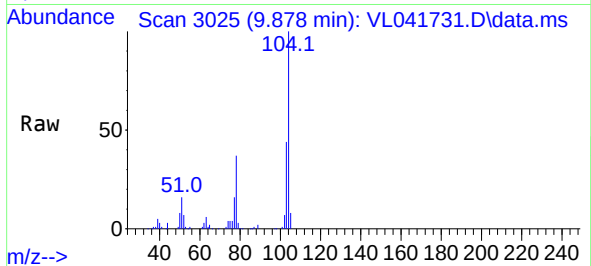
#61
Styrene
Concen: 0.423 ppbv
RT: 9.878 min Scan# 3027
Delta R.T. -0.007 min
Lab File: VL041731.D
Acq: 11 Dec 2024 21:02

Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024

Tgt Ion:104 Resp: 2807
Ion Ratio Lower Upper
104 100
78 37.1 30.2 45.4
103 45.7 36.7 55.1

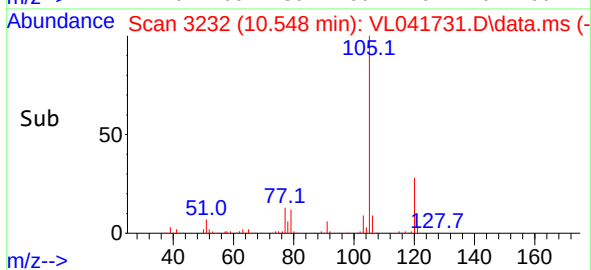
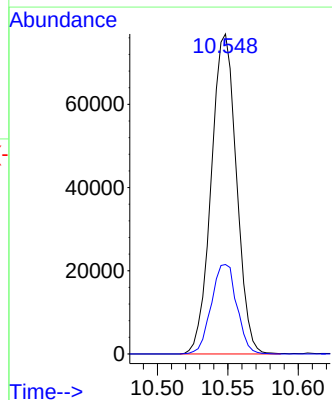
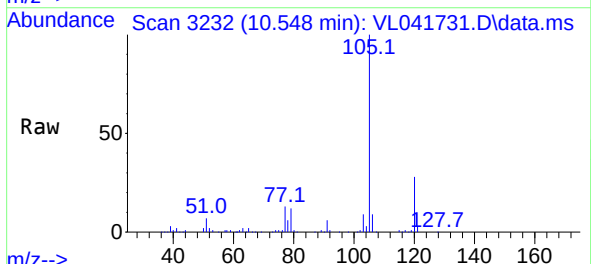
Manual Integrations
APPROVED

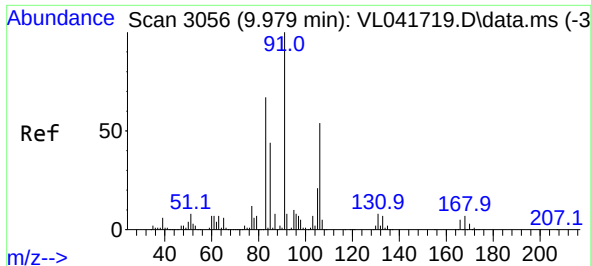
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#62
Isopropylbenzene
Concen: 0.483 ppbv
RT: 10.548 min Scan# 3232
Delta R.T. -0.007 min
Lab File: VL041731.D
Acq: 11 Dec 2024 21:02

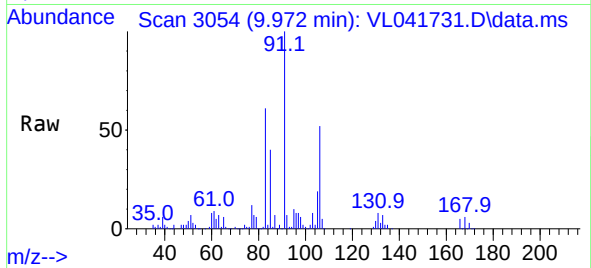
Tgt Ion:105 Resp: 95738
Ion Ratio Lower Upper
105 100
120 28.3 24.3 36.5





#63
1,1,2,2-Tetrachloroethane
Concen: 0.446 ppbv
RT: 9.972 min Scan# 3056
Delta R.T. -0.007 min
Lab File: VL041731.D
Acq: 11 Dec 2024 21:02

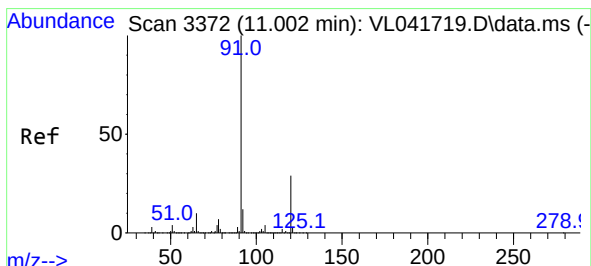
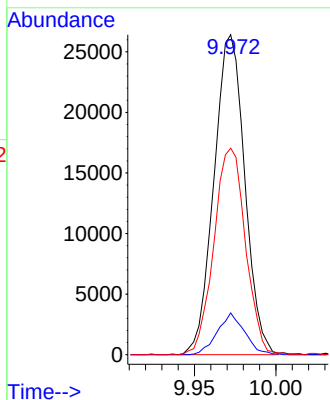
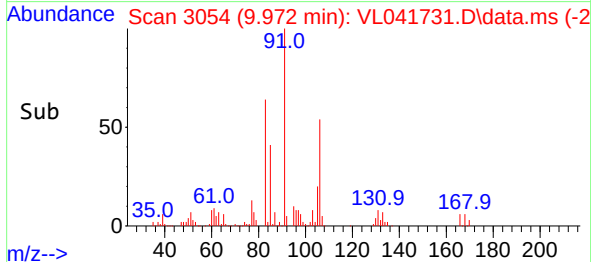
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



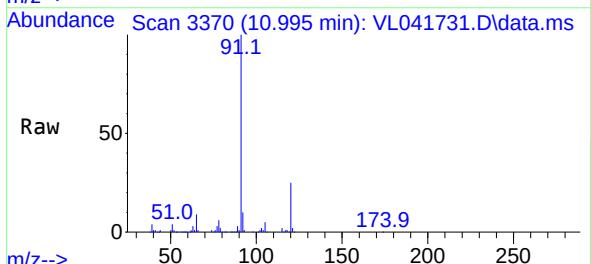
Tgt Ion: 83 Resp: 3468
Ion Ratio Lower Upper
83 100
131 11.5 5.9 17.6
85 66.1 32.8 98.4

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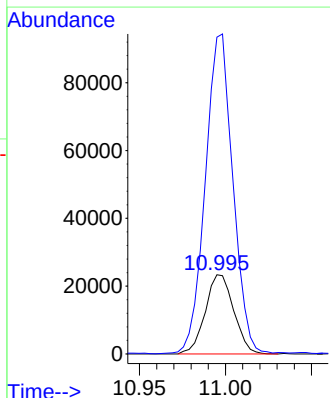
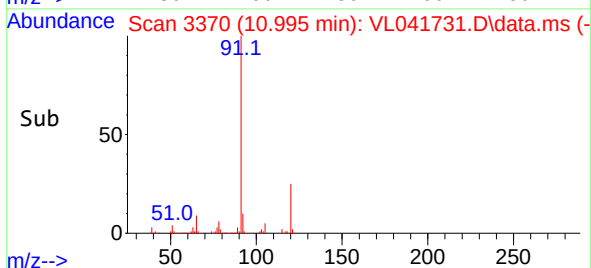
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

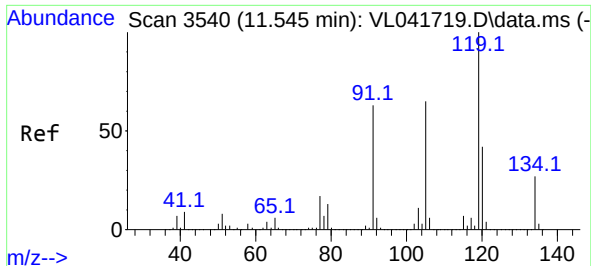


#64
n-propylbenzene
Concen: 0.460 ppbv
RT: 10.995 min Scan# 3370
Delta R.T. -0.007 min
Lab File: VL041731.D
Acq: 11 Dec 2024 21:02



Tgt Ion:120 Resp: 26832
Ion Ratio Lower Upper
120 100
91 393.1 290.8 436.2





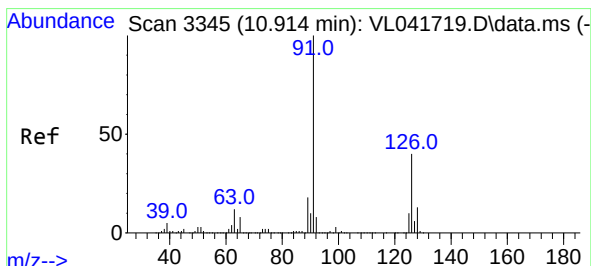
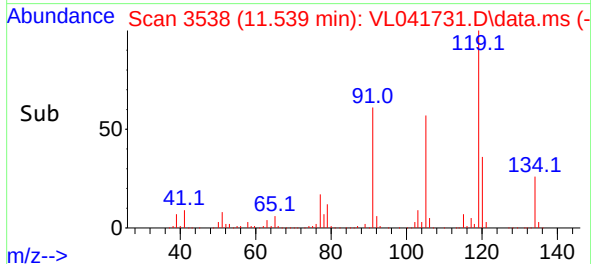
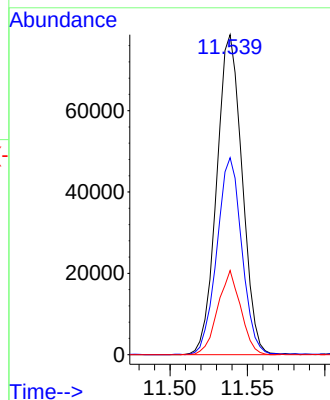
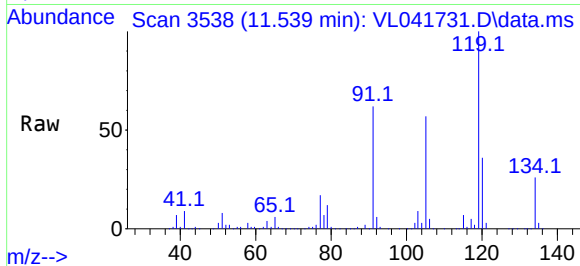
#65
tert-Butylbenzene
Concen: 0.478 ppbv
RT: 11.539 min Scan# 3538
Delta R.T. -0.007 min
Lab File: VL041731.D
Acq: 11 Dec 2024 21:02

Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024

Tgt Ion: 119 Resp: 89810
Ion Ratio Lower Upper
119 100
91 60.5 50.2 75.4
134 23.8 20.4 30.6

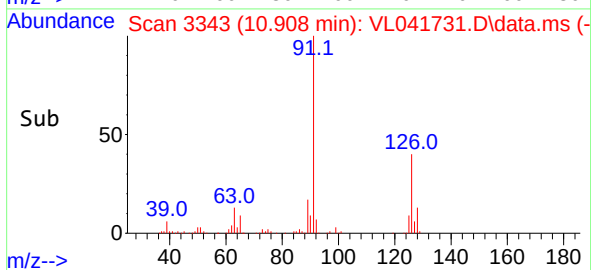
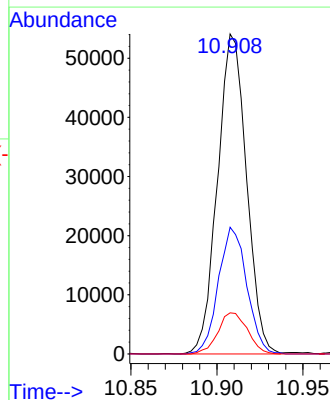
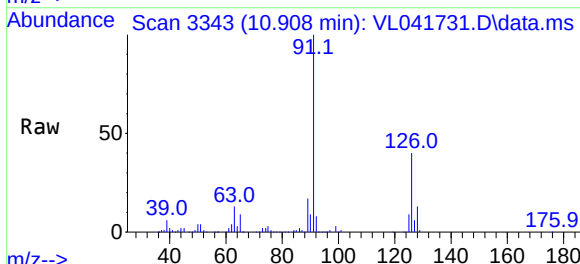
Manual Integrations
APPROVED

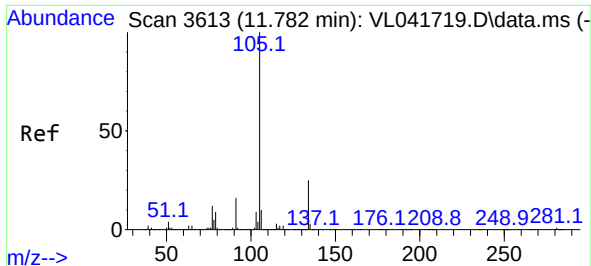
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#66
Benzyl Chloride
Concen: 0.470 ppbv
RT: 10.908 min Scan# 3343
Delta R.T. -0.007 min
Lab File: VL041731.D
Acq: 11 Dec 2024 21:02

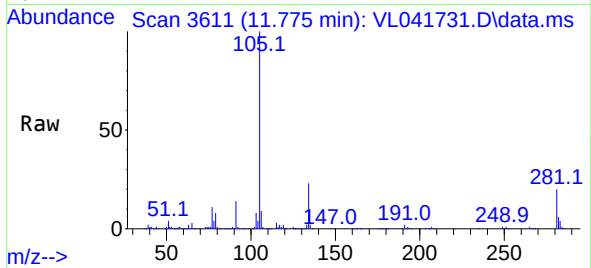
Tgt Ion: 91 Resp: 63316
Ion Ratio Lower Upper
91 100
126 38.8 31.8 47.8
128 13.1 10.3 15.5





#67
 sec-Butylbenzene
 Concen: 0.479 ppbv
 RT: 11.775 min Scan# 3611
 Delta R.T. -0.007 min
 Lab File: VL041731.D
 Acq: 11 Dec 2024 21:02

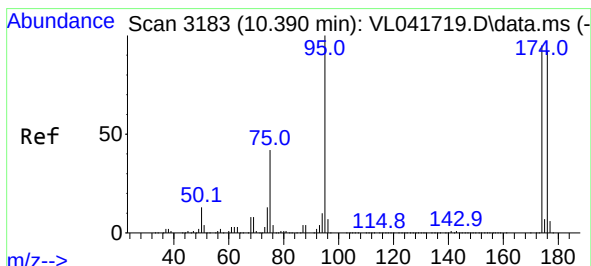
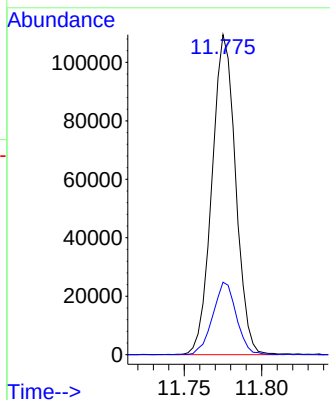
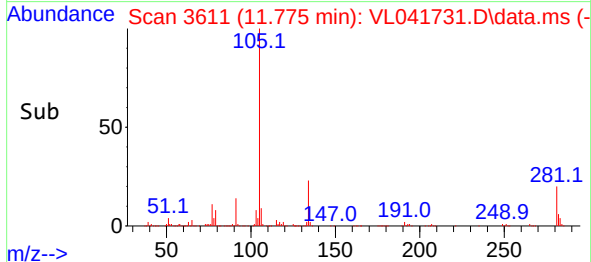
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT4-2024



Tgt Ion:105 Resp: 11647
 Ion Ratio Lower Upper
 105 100
 134 22.7 19.3 28.9

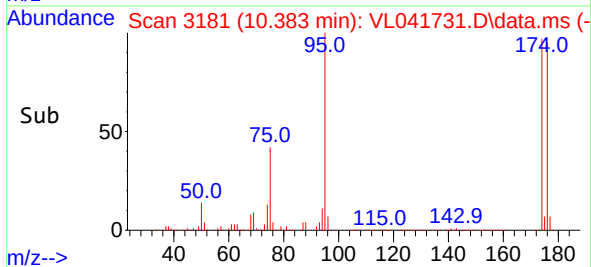
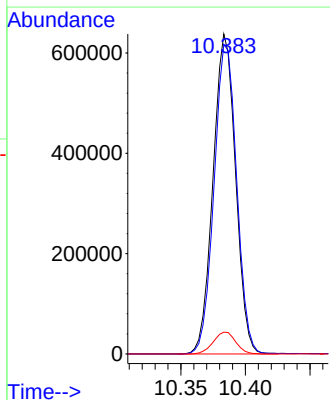
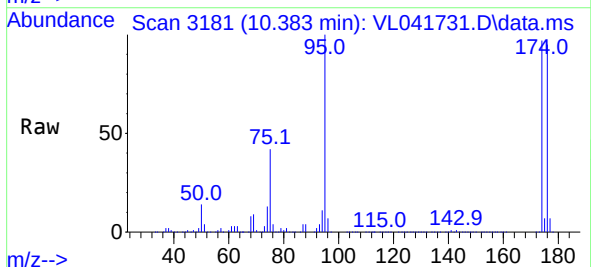
Manual Integrations
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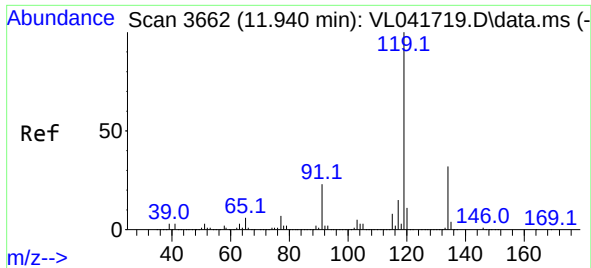
Reviewed By :Mahesh Dadoda 12/13/2024
 Supervised By :Semsettin Yesilyurt 12/13/2024



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.944 ppbv
 RT: 10.383 min Scan# 3181
 Delta R.T. -0.007 min
 Lab File: VL041731.D
 Acq: 11 Dec 2024 21:02

Tgt Ion: 95 Resp: 772319
 Ion Ratio Lower Upper
 95 100
 174 97.6 76.7 115.1
 175 6.9 5.4 8.2





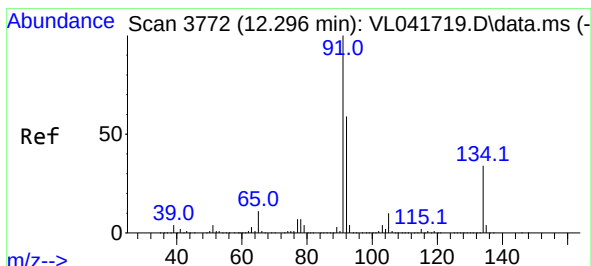
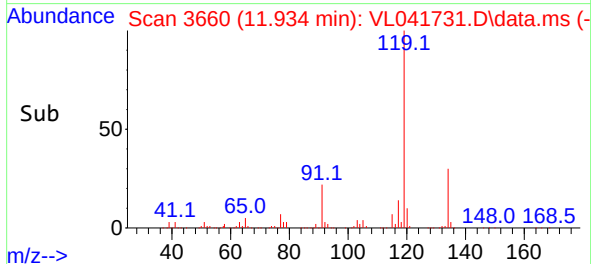
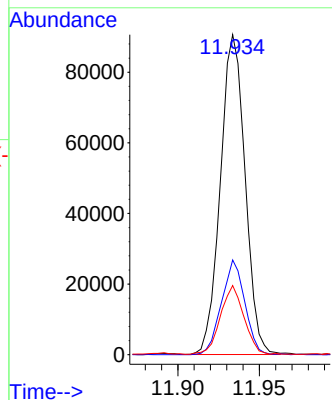
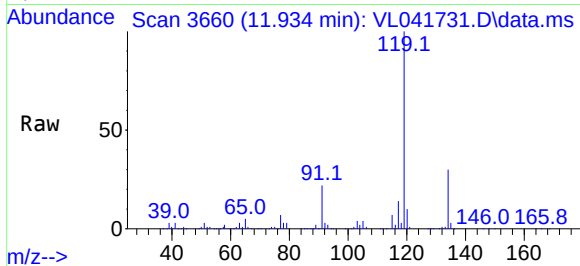
#69
p-Isopropyltoluene
Concen: 0.455 ppbv
RT: 11.934 min Scan# 30
Delta R.T. -0.007 min
Lab File: VL041731.D
Acq: 11 Dec 2024 21:02

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024

Tgt Ion:119 Resp: 95359
Ion Ratio Lower Upper
119 100
134 28.0 24.6 36.8
91 21.6 17.8 26.8

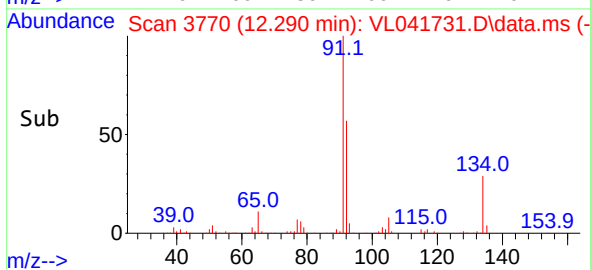
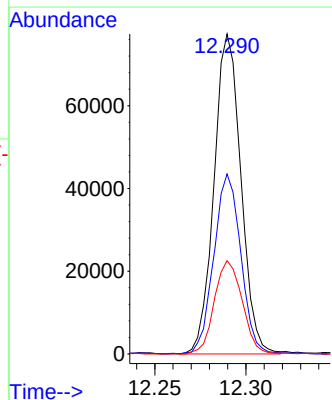
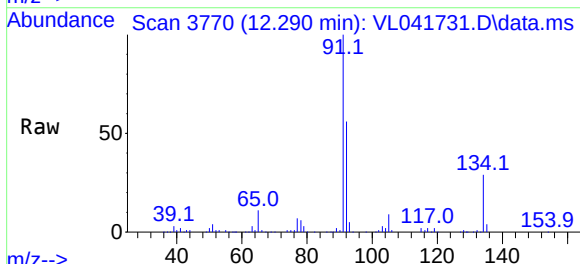
Manual Integrations
APPROVED

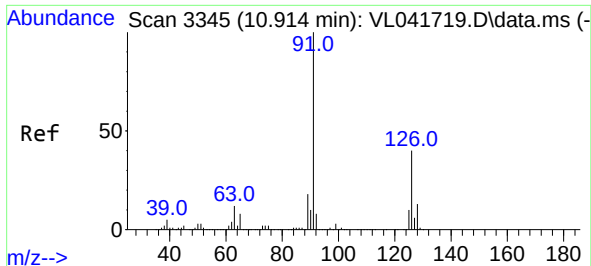
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#70
n-Butylbenzene
Concen: 0.456 ppbv
RT: 12.290 min Scan# 3770
Delta R.T. -0.007 min
Lab File: VL041731.D
Acq: 11 Dec 2024 21:02

Tgt Ion: 91 Resp: 79323
Ion Ratio Lower Upper
91 100
92 56.9 46.7 70.1
134 30.2 26.2 39.4





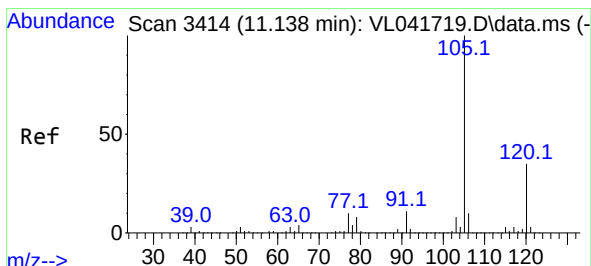
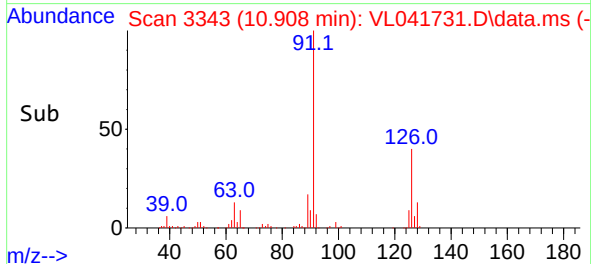
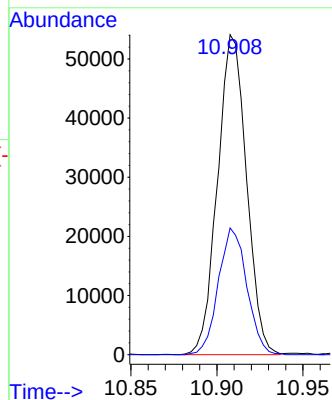
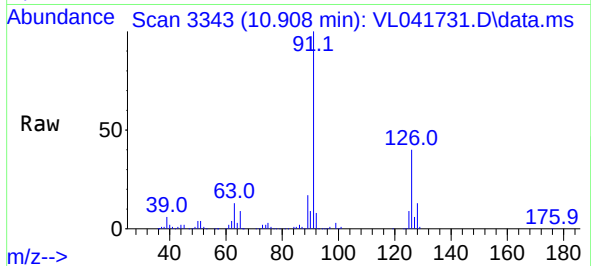
#71
2-Chlorotoluene
Concen: 0.470 ppbv
RT: 10.908 min Scan# 31
Delta R.T. -0.007 min
Lab File: VL041731.D
Acq: 11 Dec 2024 21:02

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024

Tgt Ion: 91 Resp: 63310
Ion Ratio Lower Upper
91 100
126 38.8 15.9 63.7

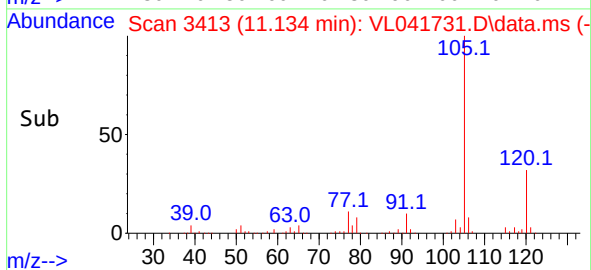
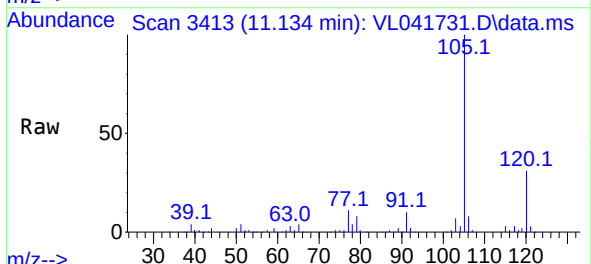
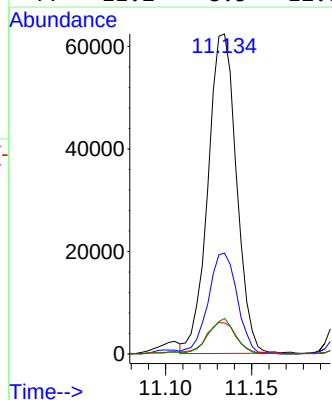
Manual Integrations
APPROVED

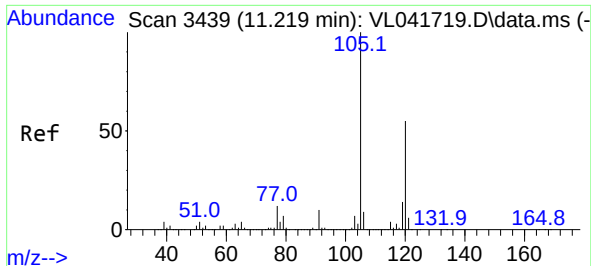
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#72
4-Ethyltoluene
Concen: 0.464 ppbv
RT: 11.134 min Scan# 3413
Delta R.T. -0.003 min
Lab File: VL041731.D
Acq: 11 Dec 2024 21:02

Tgt Ion:105 Resp: 71944
Ion Ratio Lower Upper
105 100
120 33.4 28.0 42.0
91 10.6 8.8 13.2
77 11.2 8.5 12.7





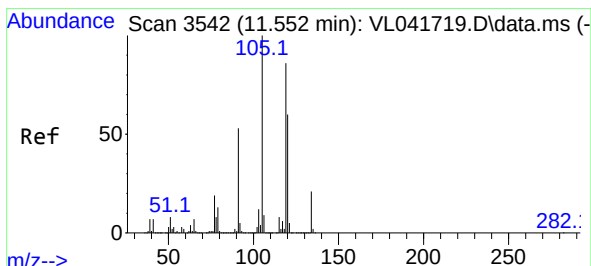
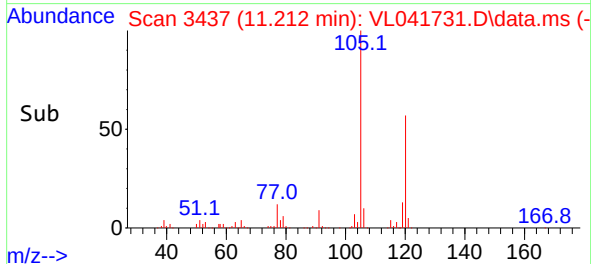
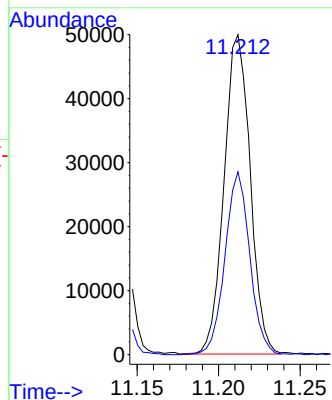
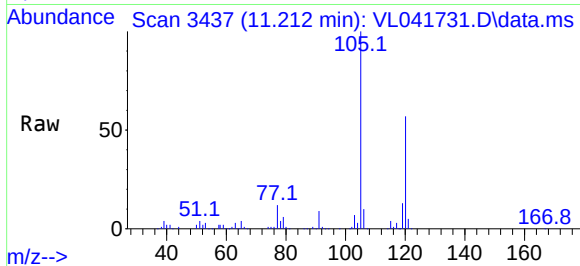
#73
1,3,5-Trimethylbenzene
Concen: 0.442 ppbv
RT: 11.212 min Scan# 3439
Delta R.T. -0.007 min
Lab File: VL041731.D
Acq: 11 Dec 2024 21:02

Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024

Tgt Ion:105 Resp: 5547
Ion Ratio Lower Upper
105 100
120 57.3 43.6 65.4

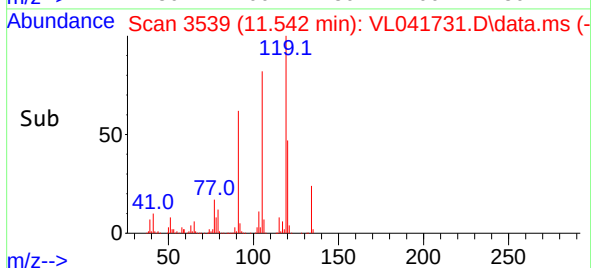
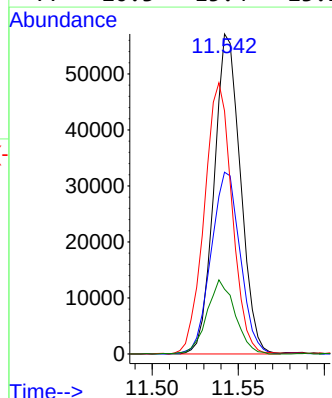
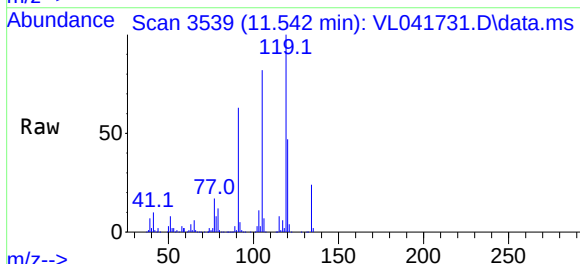
Manual Integrations
APPROVED

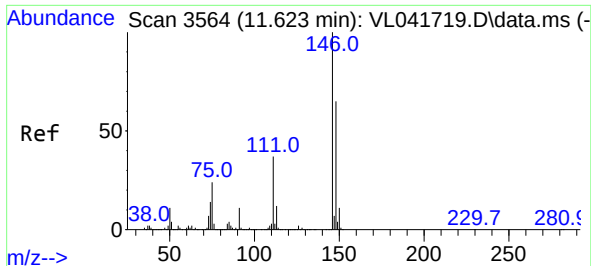
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#74
1,2,4-Trimethylbenzene
Concen: 0.446 ppbv
RT: 11.542 min Scan# 3539
Delta R.T. -0.010 min
Lab File: VL041731.D
Acq: 11 Dec 2024 21:02

Tgt Ion:105 Resp: 60893
Ion Ratio Lower Upper
105 100
120 56.7 47.8 71.6
91 75.7 42.5 63.7#
77 20.3 15.4 23.2





#75

1,3-Dichlorobenzene

Concen: 0.480 ppbv

RT: 11.613 min Scan# 3561

Delta R.T. -0.010 min

Lab File: VL041731.D

Acq: 11 Dec 2024 21:02

Instrument :

MSVOA_L

ClientSampleId :

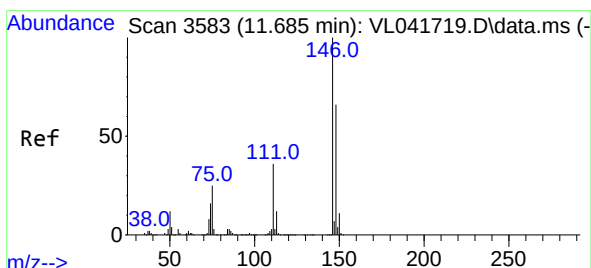
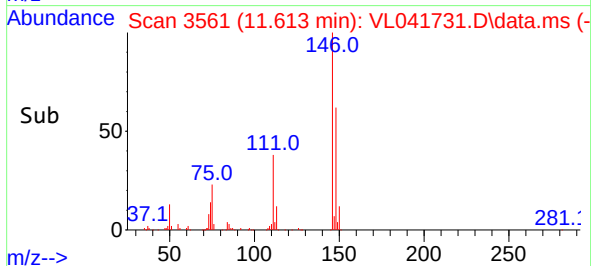
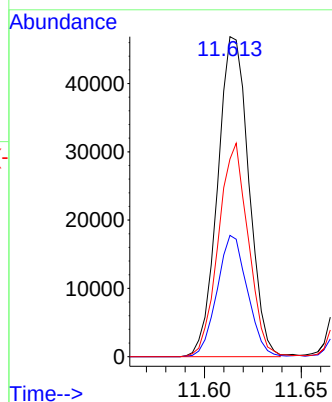
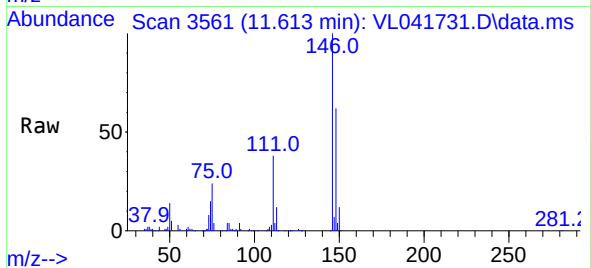
LOD-MDL-AIR-01-QT4-2024

Tgt Ion:146	Resp:	5235
Ion Ratio	Lower	Upper
146	100	
111	37.0	18.4 55.2
148	64.1	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: 0.486 ppbv

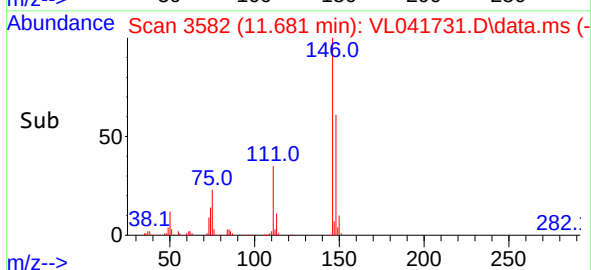
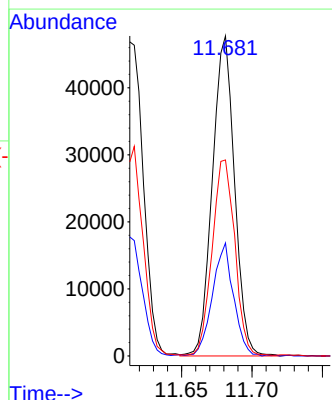
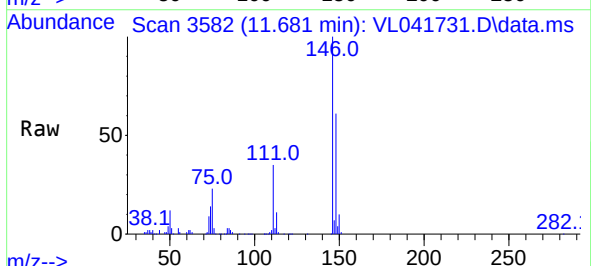
RT: 11.681 min Scan# 3582

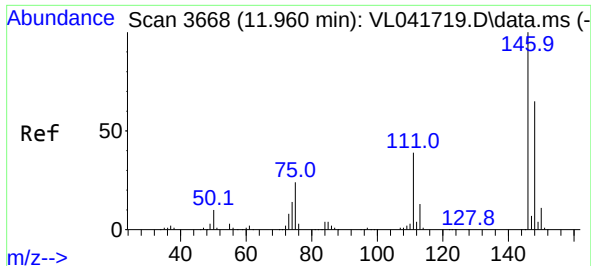
Delta R.T. -0.003 min

Lab File: VL041731.D

Acq: 11 Dec 2024 21:02

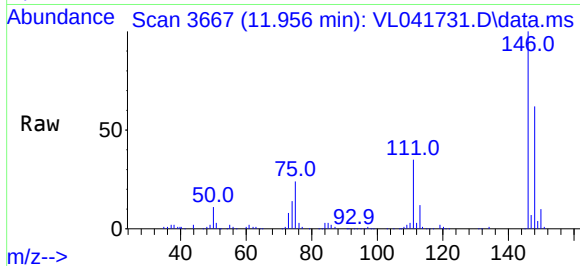
Tgt Ion:146	Resp:	52323
Ion Ratio	Lower	Upper
146	100	
111	33.9	17.8 53.4
148	63.2	32.4 97.2





#77
1,2-Dichlorobenzene
Concen: 0.480 ppbv
RT: 11.956 min Scan# 3667
Delta R.T. -0.003 min
Lab File: VL041731.D
Acq: 11 Dec 2024 21:02

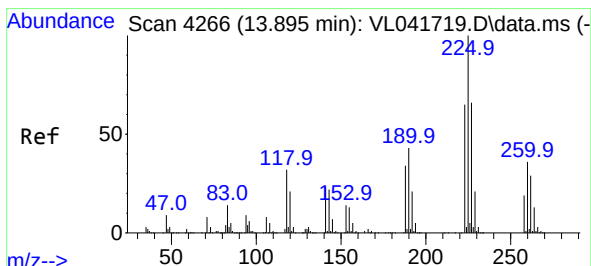
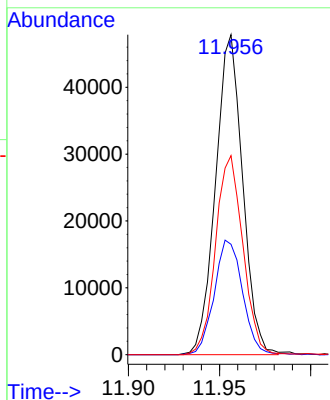
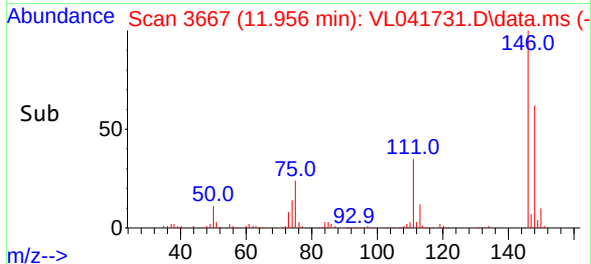
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



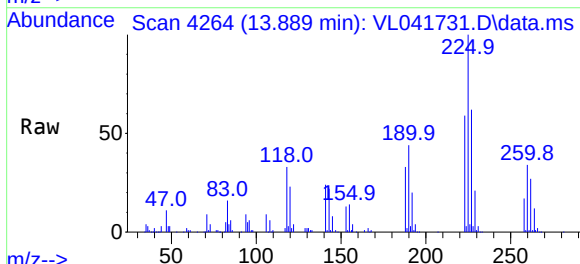
Tgt Ion:146 Resp: 49512
Ion Ratio Lower Upper
146 100
111 37.5 19.2 57.6
148 63.1 32.4 97.2

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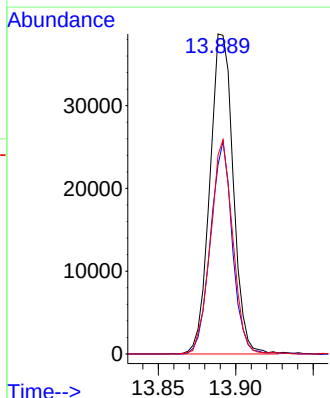
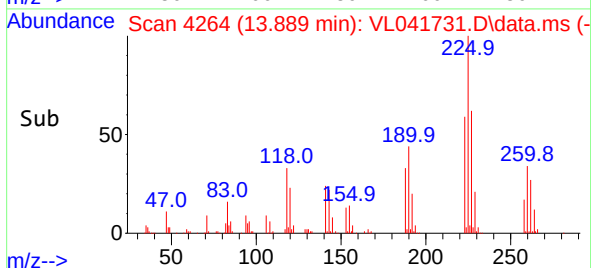
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

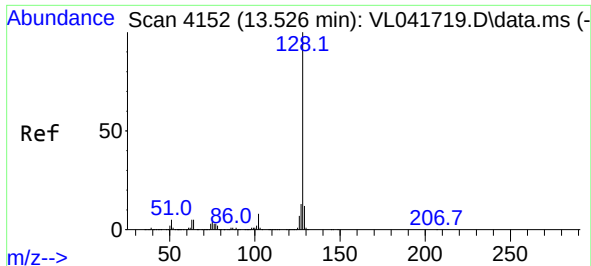


#78
Hexachloro-1,3-Butadiene
Concen: 0.477 ppbv
RT: 13.889 min Scan# 4264
Delta R.T. -0.007 min
Lab File: VL041731.D
Acq: 11 Dec 2024 21:02



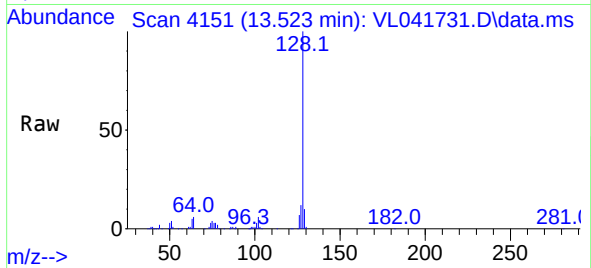
Tgt Ion:225 Resp: 40432
Ion Ratio Lower Upper
225 100
223 62.2 51.1 76.7
227 63.9 51.8 77.6





#79
Naphthalene
Concen: 0.423 ppbv
RT: 13.523 min Scan# 4152
Delta R.T. -0.003 min
Lab File: VL041731.D
Acq: 11 Dec 2024 21:02

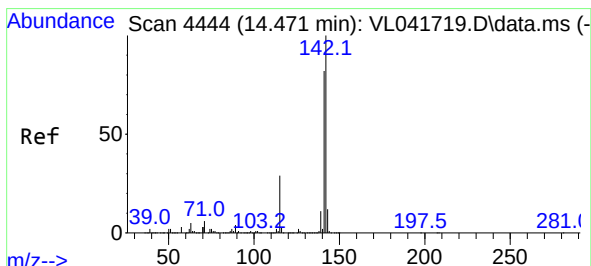
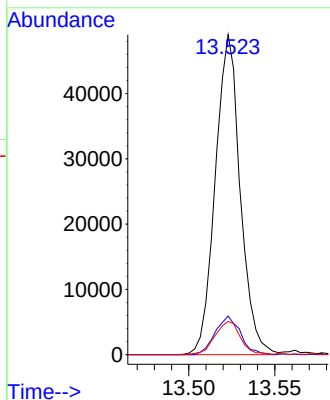
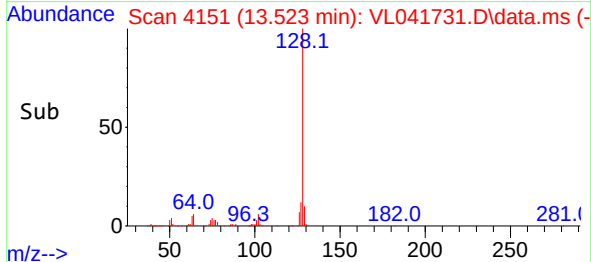
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



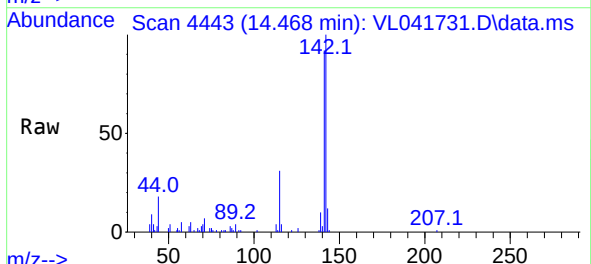
Tgt Ion:128 Resp: 4943
Ion Ratio Lower Upper
128 100
127 12.1 10.2 15.2
129 10.4 9.4 14.0

Manual Integrations
APPROVED

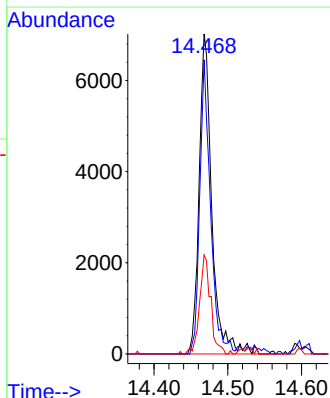
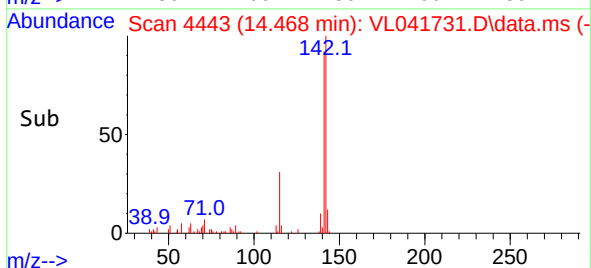
Reviewed By :Mahesh Dadoda 12/13/2024
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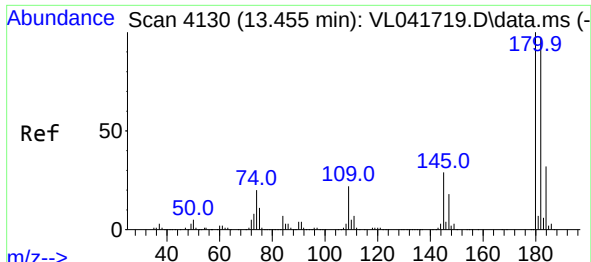


#80
Naphthalene,2-methyl-
Concen: 0.200 ppbv
RT: 14.468 min Scan# 4443
Delta R.T. -0.003 min
Lab File: VL041731.D
Acq: 11 Dec 2024 21:02



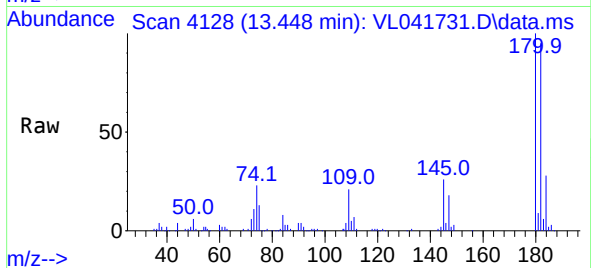
Tgt Ion:142 Resp: 8446
Ion Ratio Lower Upper
142 100
141 78.9 66.0 99.0
115 26.8 22.8 34.2





#81
1,2,4-Trichlorobenzene
Concen: 0.429 ppbv
RT: 13.448 min Scan# 41
Delta R.T. -0.007 min
Lab File: VL041731.D
Acq: 11 Dec 2024 21:02

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion:180 Resp: 31539
Ion Ratio Lower Upper
180 100
182 96.8 77.2 115.8
184 30.7 25.2 37.8

Manual Integrations
APPROVED

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

