

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121124\
 Data File : VL041733.D
 Acq On : 11 Dec 2024 22:05
 Operator : SY/MD
 Sample : P4368-13 0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Dec 12 06:02:12 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	2.787	49	259412	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.958	114	1278517	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	1132617	10.000	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	738597	9.920	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.499	85	6919	0.152	ppbv	93
3) Chlorodifluoromethane	1.476	51	3922m	0.111	ppbv	
4) Chloromethane	1.534	50	2141	0.177	ppbv	99
5) Vinyl Chloride	1.580	62	1973	0.133	ppbv	99
6) Bromomethane	1.667	94	1828	0.188	ppbv	86
7) Chloroethane	1.706	64	1063	0.165	ppbv	98
8) Dichlorotetrafluoroethane	1.554	85	6228	0.168	ppbv	93
9) Propene	1.482	41	2391	0.159	ppbv #	80
10) Heptane	4.978	43	4892m	0.118	ppbv	
11) Trichlorofluoromethane	1.877	101	7386	0.141	ppbv	90
12) 1,1,2-Trichlorotrifluo...	2.140	101	6822	0.145	ppbv	99
13) Ethanol	1.719	45	700	0.562	ppbv	89
14) Bromoethene	1.783	108	2654	0.153	ppbv #	88
15) Acetone	1.835	43	9105	0.304	ppbv #	81
16) 1,3-Butadiene	1.609	39	1776	0.177	ppbv	89
17) tert-Butyl alcohol	2.039	59	6077	0.140	ppbv #	69
18) 1,1-Dichloroethene	2.719	96	3840	0.109	ppbv	92
19) Isopropyl Alcohol	1.884	45	17566	0.617	ppbv #	30
20) Methylene Chloride	2.062	84	5229	0.288	ppbv #	95
21) Allyl Chloride	2.097	41	2172	0.129	ppbv	87
22) trans-1,2-Dichloroethene	2.036	96	2840	0.132	ppbv	87
23) Vinyl Acetate	2.460	43	1334m	0.074	ppbv	
24) 1,1-Dichloroethane	2.408	63	4720	0.140	ppbv	97
25) Ethyl Acetate	4.978	43	4892m	0.118	ppbv	
26) Hexane	2.829	57	4375	0.108	ppbv	91
27) Carbon Disulfide	2.152	76	4453	0.107	ppbv #	63
28) Methyl tert-Butyl Ether	2.441	73	3830	0.126	ppbv #	66
29) Chloroform	2.848	83	6977	0.113	ppbv	97
30) Cyclohexane	3.858	84	4724	0.104	ppbv #	88
31) cis-1,2-Dichloroethene	2.036	61	3905	0.133	ppbv	91
32) 1,1,1-Trichloroethane	3.369	97	6067	0.100	ppbv	96
34) 2-Butanone	2.560	43	5536	0.124	ppbv	98
35) Carbon Tetrachloride	3.761	117	5414m	0.091	ppbv	
36) Benzene	3.661	78	12151	0.121	ppbv	94
37) 1,2-Dichloroethane	3.217	62	3773	0.104	ppbv #	94
38) Trichloroethene	4.554	130	5362m	0.103	ppbv	
39) 1,2-Dichloropropane	4.318	63	3677m	0.115	ppbv	
40) 1,4-Dioxane	4.622	88	2202	0.114	ppbv #	23
41) Tetrahydrofuran	3.065	42	3476m	0.129	ppbv	
42) Bromodichloromethane	4.489	83	5391	0.092	ppbv	88
43) Methyl Methacrylate	4.881	69	3699m	0.102	ppbv	
44) 2,2,4-Trimethylpentane	4.641	57	15220	0.109	ppbv #	94
45) t-1,3-Dichloropropene	5.603	75	3729m	0.080	ppbv	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	6.422	75	3077m	0.087	ppbv	
47) 1,1,2-Trichloroethane	6.580	97	4415m	0.104	ppbv	
48) Dibromochloromethane	7.386	129	4268m	0.069	ppbv	
49) Bromoform	9.487	173	3889	0.066	ppbv	94
50) 4-Methyl-2-Pentanone	5.774	43	7366m	0.115	ppbv	
51) 2-Hexanone	7.454	43	5149	0.098	ppbv #	95
52) Tetrachloroethene	8.231	164	5657	0.106	ppbv	91
53) Toluene	6.939	91	13169	0.107	ppbv	97
54) 1,2-Dibromoethane	7.655	107	5515	0.095	ppbv	93
56) 1,1,1,2-Tetrachloroethane	8.930	131	4649	0.088	ppbv #	1
57) Chlorobenzene	8.924	112	11160	0.108	ppbv	98
58) Ethyl Benzene	9.360	91	15439	0.102	ppbv	94
59) m/p-Xylene	9.558	91	22869m	0.197	ppbv	
60) o-Xylene	9.969	91	11482	0.100	ppbv	100
61) Styrene	9.875	104	5727	0.090	ppbv	98
62) Isopropylbenzene	10.545	105	19992	0.105	ppbv	95
63) 1,1,2,2-Tetrachloroethane	9.966	83	7245	0.097	ppbv	99
64) n-propylbenzene	10.995	120	5613	0.100	ppbv	98
65) tert-Butylbenzene	11.539	119	18022	0.100	ppbv	97
66) Benzyl Chloride	10.908	91	12771	0.099	ppbv	98
67) sec-Butylbenzene	11.772	105	21934	0.094	ppbv	98
69) p-Isopropyltoluene	11.930	119	17890	0.089	ppbv	95
70) n-Butylbenzene	12.286	91	14314	0.086	ppbv	100
71) 2-Chlorotoluene	10.908	91	12771	0.099	ppbv	98
72) 4-Ethyltoluene	11.131	105	13766	0.093	ppbv	98
73) 1,3,5-Trimethylbenzene	11.209	105	11251	0.094	ppbv	94
74) 1,2,4-Trimethylbenzene	11.545	105	11838	0.091	ppbv #	93
75) 1,3-Dichlorobenzene	11.613	146	10820	0.104	ppbv	97
76) 1,4-Dichlorobenzene	11.678	146	10440	0.101	ppbv	98
77) 1,2-Dichlorobenzene	11.953	146	10536	0.106	ppbv	100
78) Hexachloro-1,3-Butadiene	13.889	225	8527	0.105	ppbv	99
79) Naphthalene	13.523	128	9412	0.084	ppbv	98
80) Naphthalene,2-methyl-	14.468	142	1801	0.044	ppbv	88
81) 1,2,4-Trichlorobenzene	13.448	180	7021	0.100	ppbv	98

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

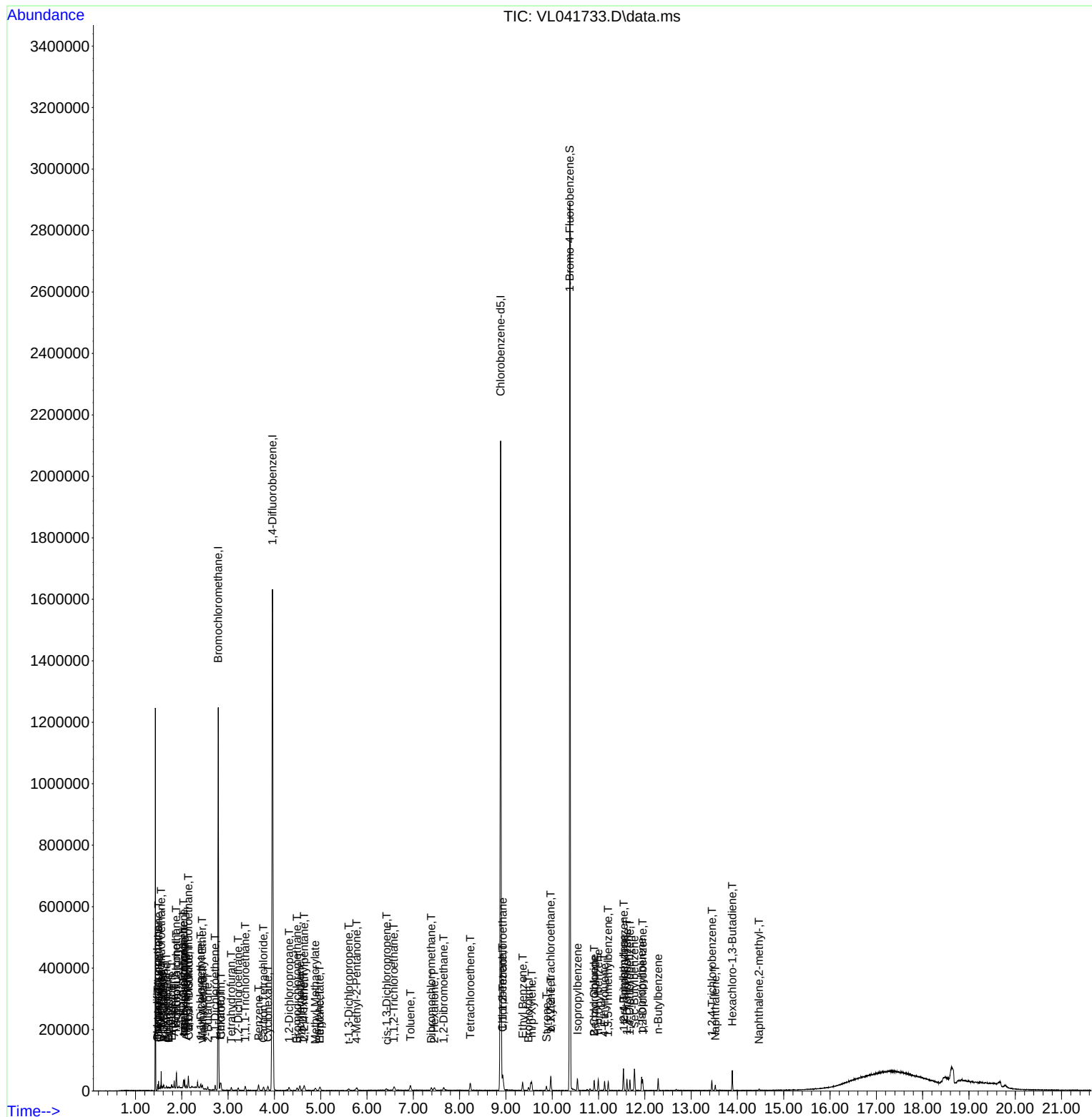
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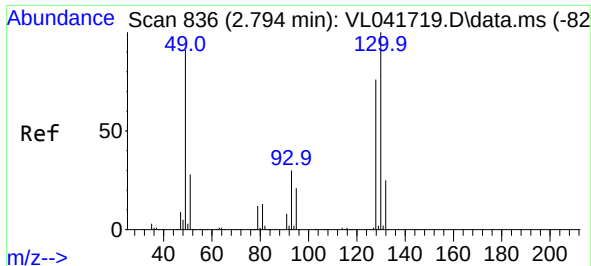
Instrument :
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ClientSampleId :
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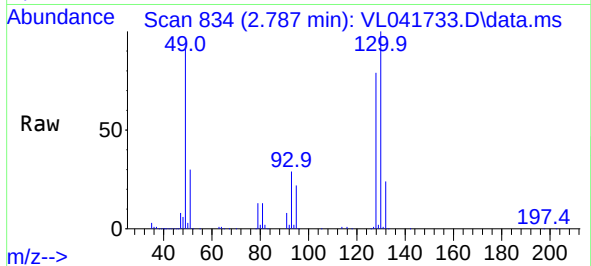
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QLast Update : Thu Dec 12 05:50:25 2024
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#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 836
Delta R.T. -0.007 min
Lab File: VL041733.D
Acq: 11 Dec 2024 22:05

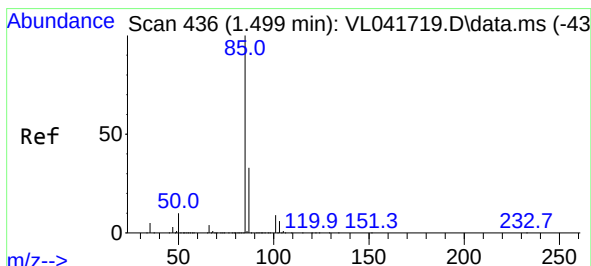
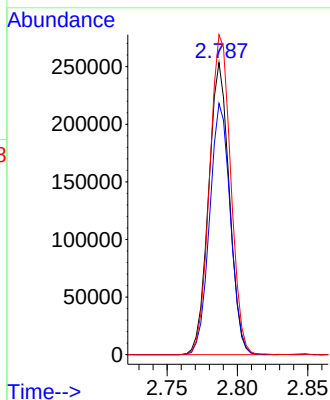
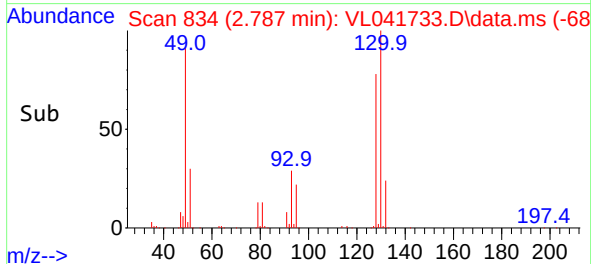
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion: 49 Resp: 259412
Ion Ratio Lower Upper
49 100
128 86.1 42.8 128.3
130 112.0 55.8 167.4

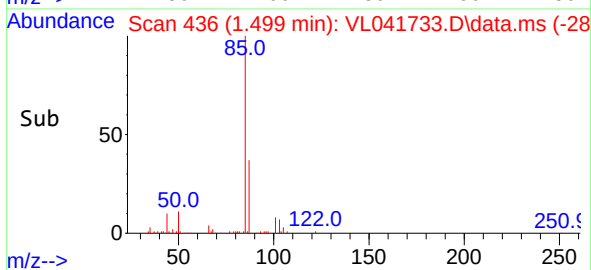
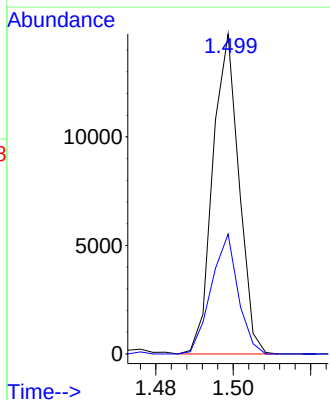
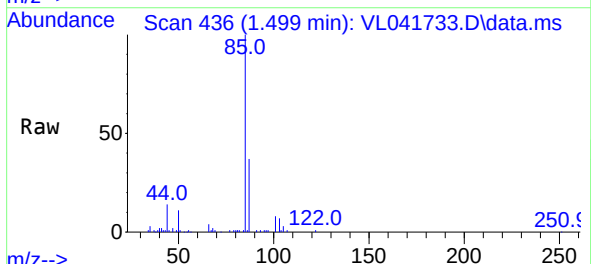
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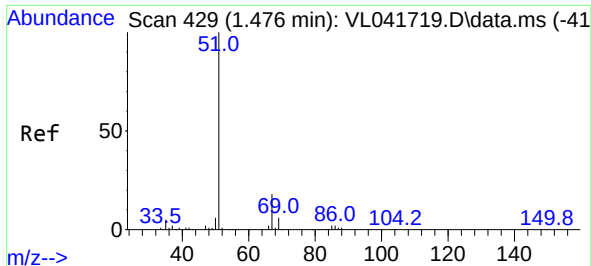
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#2
Dichlorodifluoromethane
Concen: 0.152 ppbv
RT: 1.499 min Scan# 436
Delta R.T. -0.000 min
Lab File: VL041733.D
Acq: 11 Dec 2024 22:05

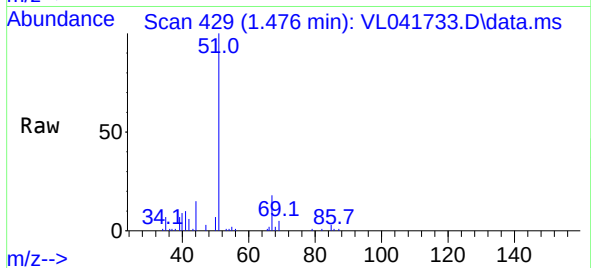
Tgt Ion: 85 Resp: 6919
Ion Ratio Lower Upper
85 100
87 37.4 26.6 39.8





#3
Chlorodifluoromethane
Concen: 0.111 ppbv m
RT: 1.476 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL041733.D
Acq: 11 Dec 2024 22:05

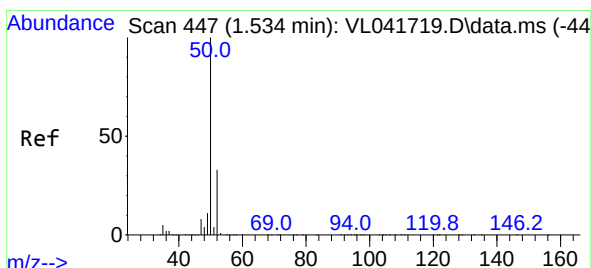
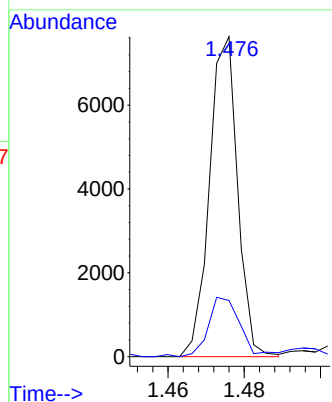
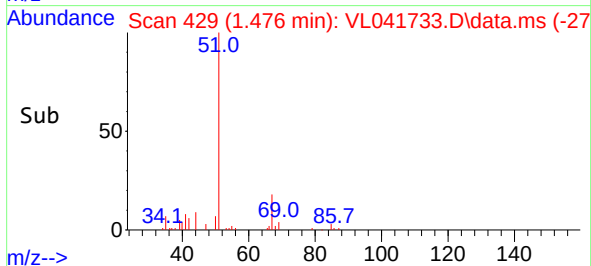
Instrument :
MSVOA_L
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LOD-MDL-AIR-01-QT4-2024



Tgt Ion: 51 Resp: 392
Ion Ratio Lower Upper
51 100
67 2.7 14.6 21.8

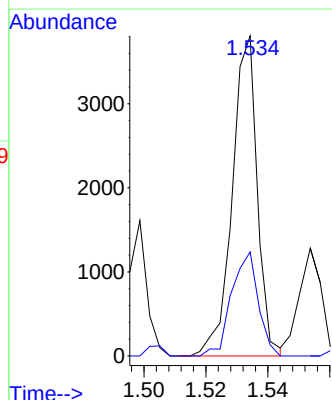
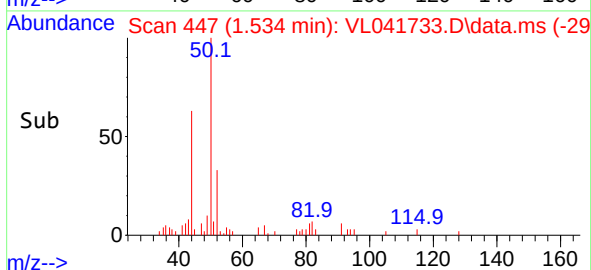
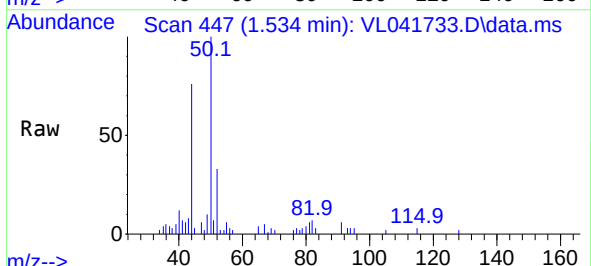
Manual Integrations
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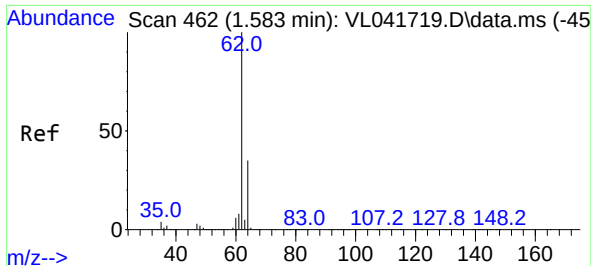
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#4
Chloromethane
Concen: 0.177 ppbv
RT: 1.534 min Scan# 447
Delta R.T. -0.000 min
Lab File: VL041733.D
Acq: 11 Dec 2024 22:05

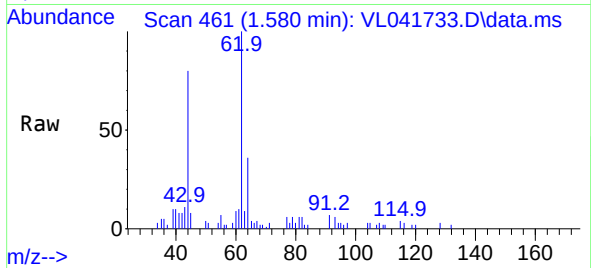
Tgt Ion: 50 Resp: 2141
Ion Ratio Lower Upper
50 100
52 32.5 26.6 40.0





#5
 Vinyl Chloride
 Concen: 0.133 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. -0.003 min
 Lab File: VL041733.D
 Acq: 11 Dec 2024 22:05

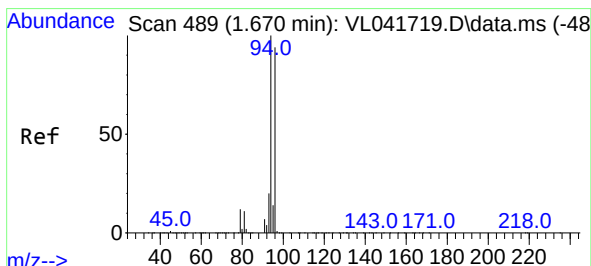
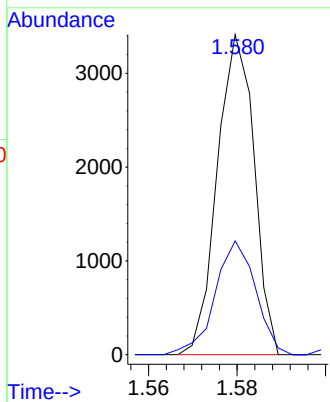
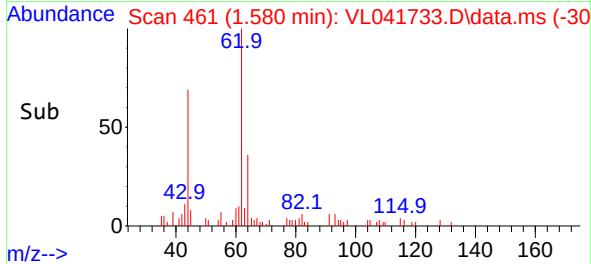
Instrument : MSVOA_L
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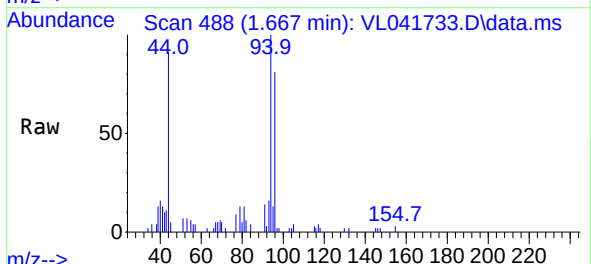
Tgt Ion: 62 Resp: 1973
 Ion Ratio Lower Upper
 62 100
 64 34.0 27.6 41.4

Manual Integrations
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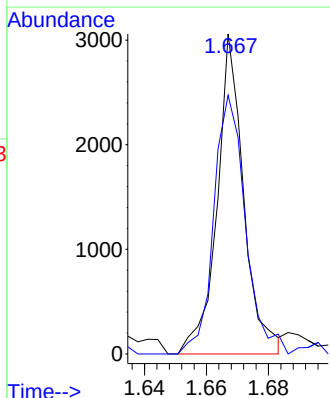
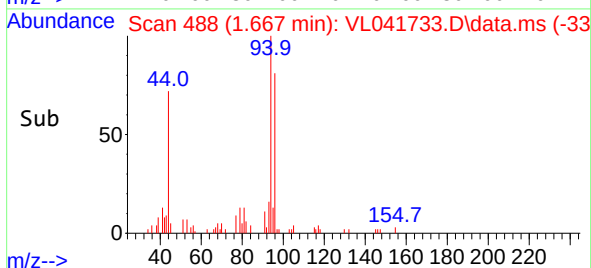
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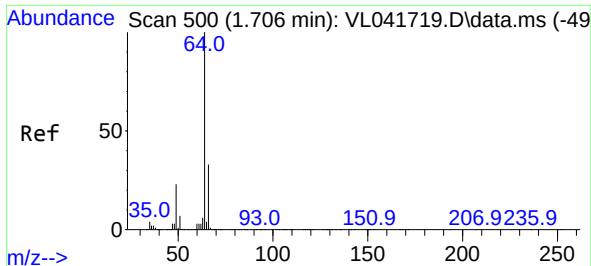


#6
 Bromomethane
 Concen: 0.188 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. -0.003 min
 Lab File: VL041733.D
 Acq: 11 Dec 2024 22:05



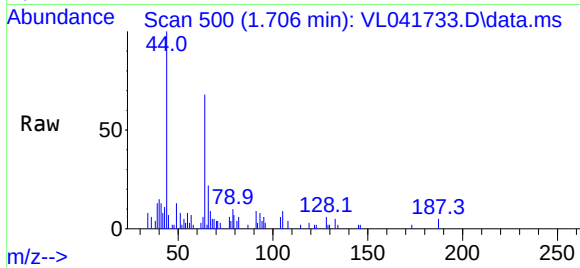
Tgt Ion: 94 Resp: 1828
 Ion Ratio Lower Upper
 94 100
 96 80.8 75.4 113.0





#7
Chloroethane
Concen: 0.165 ppbv
RT: 1.706 min Scan# 500
Delta R.T. -0.000 min
Lab File: VL041733.D
Acq: 11 Dec 2024 22:05

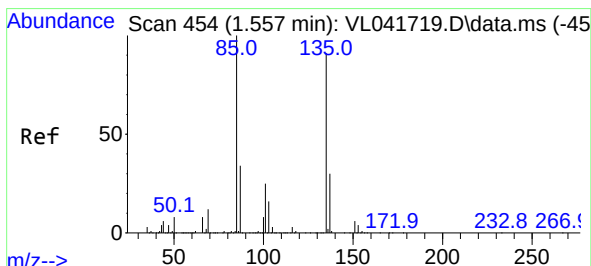
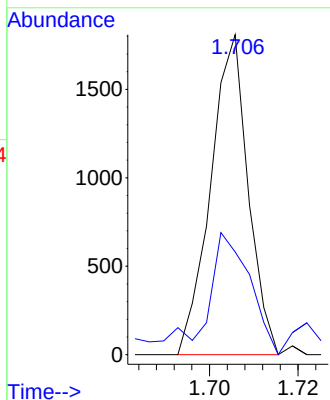
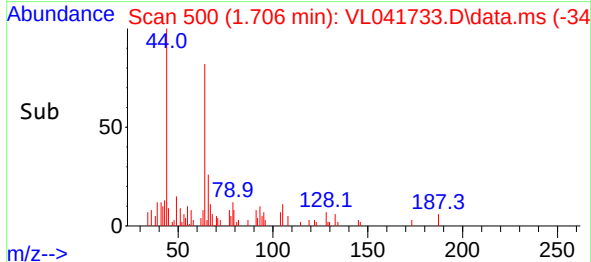
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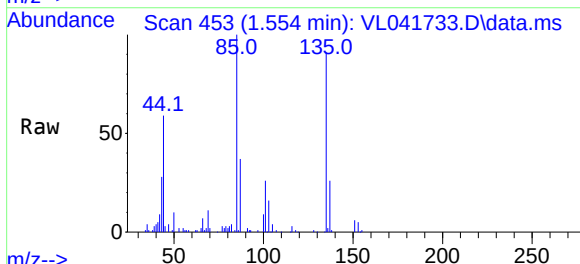
Tgt Ion: 64 Resp: 1063
Ion Ratio Lower Upper
64 100
66 32.1 26.5 39.7

Manual Integrations
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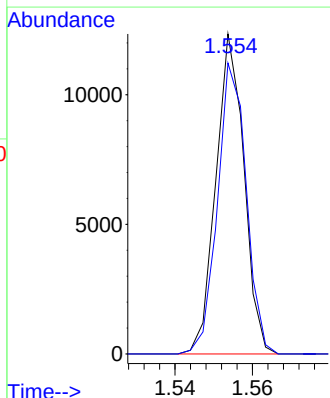
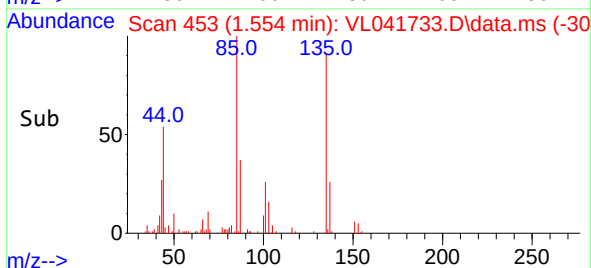
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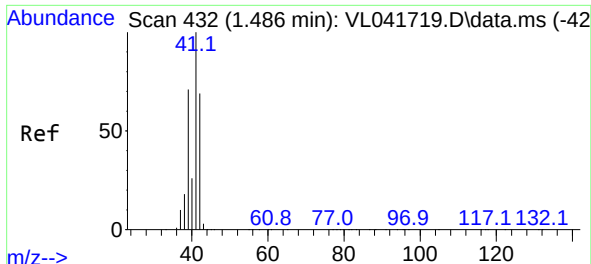


#8
Dichlorotetrafluoroethane
Concen: 0.168 ppbv
RT: 1.554 min Scan# 453
Delta R.T. -0.003 min
Lab File: VL041733.D
Acq: 11 Dec 2024 22:05



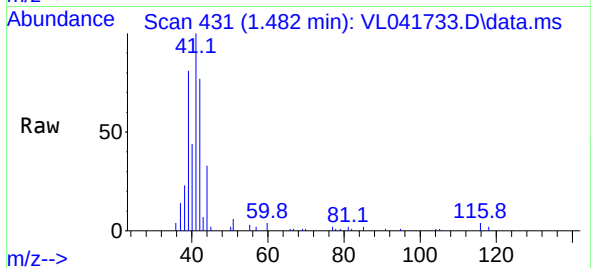
Tgt Ion: 85 Resp: 6228
Ion Ratio Lower Upper
85 100
135 92.9 69.0 103.6





#9
Propene
Concen: 0.159 ppbv
RT: 1.482 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL041733.D
Acq: 11 Dec 2024 22:05

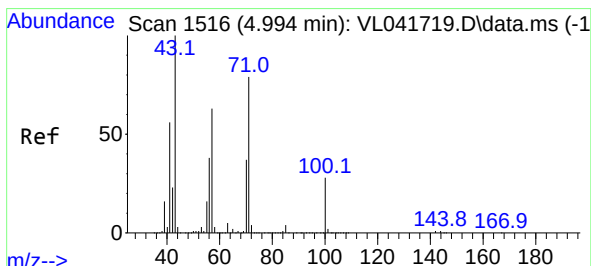
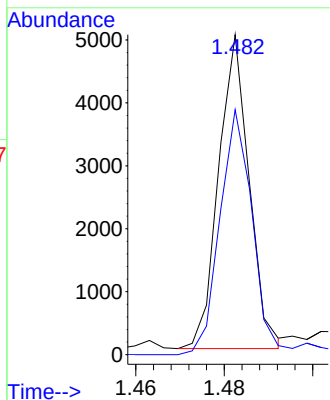
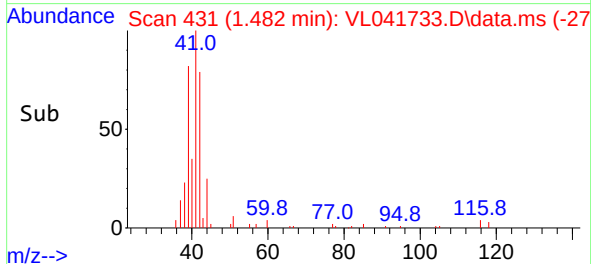
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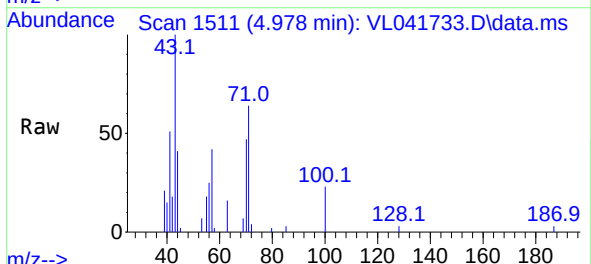
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Ion Ratio Lower Upper
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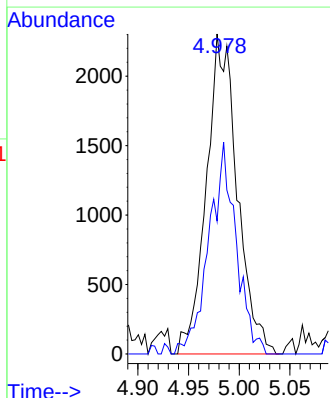
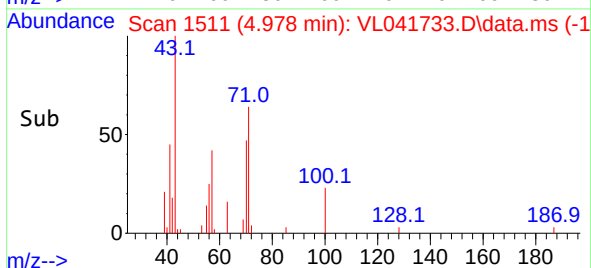
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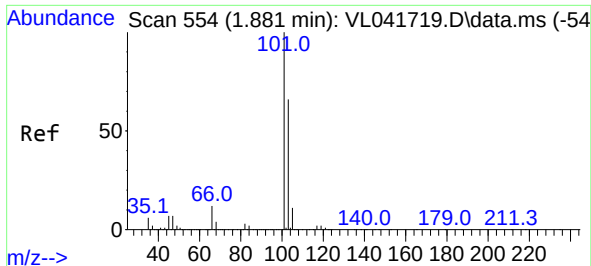


#10
Heptane
Concen: 0.118 ppbv m
RT: 4.978 min Scan# 1511
Delta R.T. -0.016 min
Lab File: VL041733.D
Acq: 11 Dec 2024 22:05



Tgt Ion: 43 Resp: 4892
Ion Ratio Lower Upper
43 100
57 0.0 50.5 75.7





#11

Trichlorofluoromethane

Concen: 0.141 ppbv

RT: 1.877 min Scan# 51

Delta R.T. -0.003 min

Lab File: VL041733.D

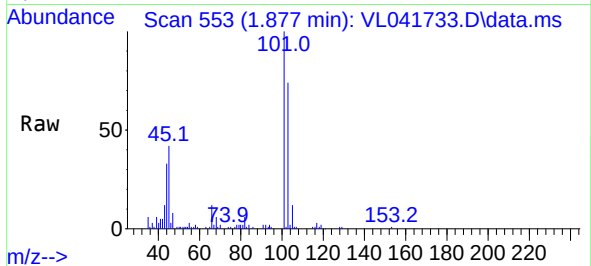
Acq: 11 Dec 2024 22:05

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT4-2024



Tgt Ion:101 Resp: 7380

Ion Ratio Lower Upper

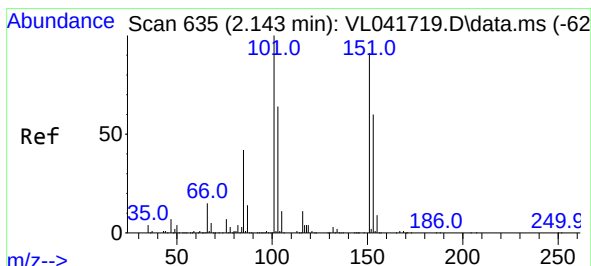
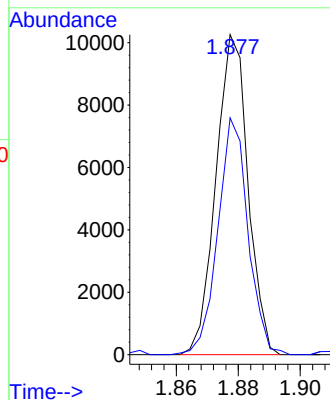
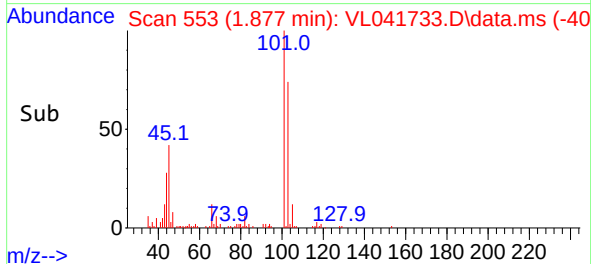
101 100

103 73.5 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: 0.145 ppbv

RT: 2.140 min Scan# 634

Delta R.T. -0.003 min

Lab File: VL041733.D

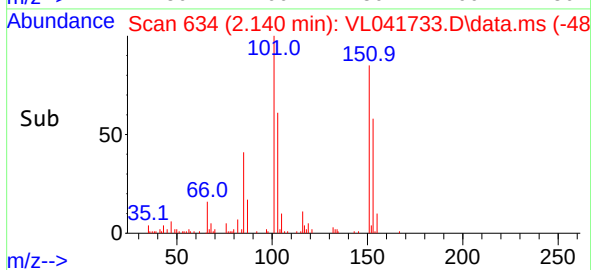
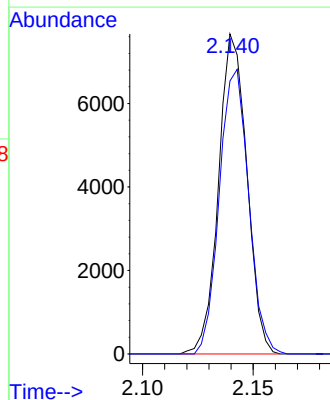
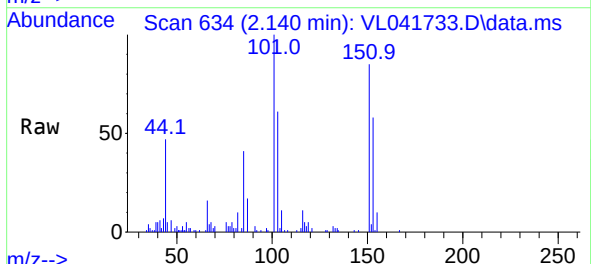
Acq: 11 Dec 2024 22:05

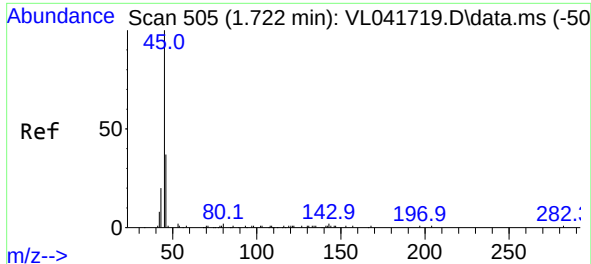
Tgt Ion:101 Resp: 6822

Ion Ratio Lower Upper

101 100

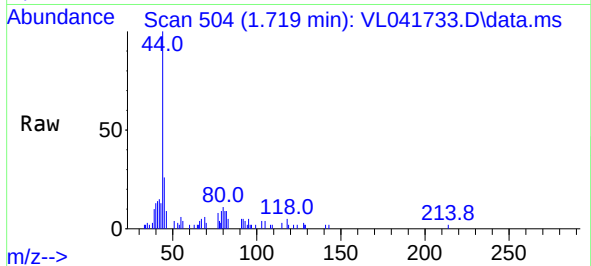
151 92.0 74.4 111.6





#13
Ethanol
Concen: 0.562 ppbv
RT: 1.719 min Scan# 505
Delta R.T. -0.003 min
Lab File: VL041733.D
Acq: 11 Dec 2024 22:05

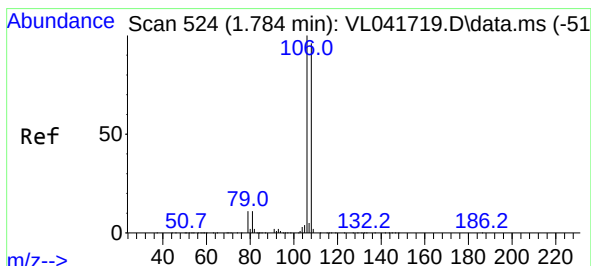
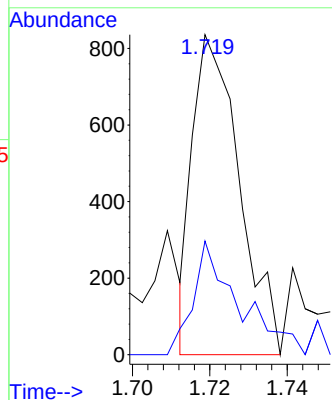
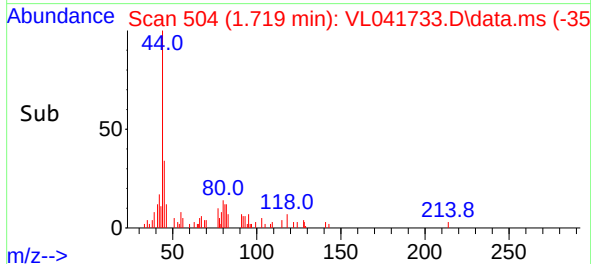
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



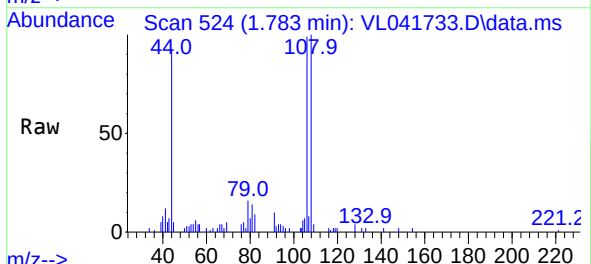
Tgt Ion: 45 Resp: 700
Ion Ratio Lower Upper
45 100
46 34.9 16.6 66.6

Manual Integrations
APPROVED

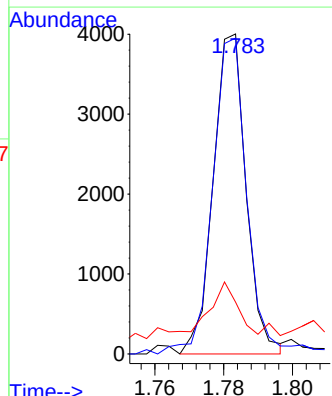
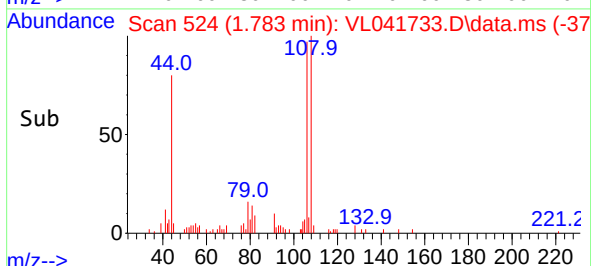
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

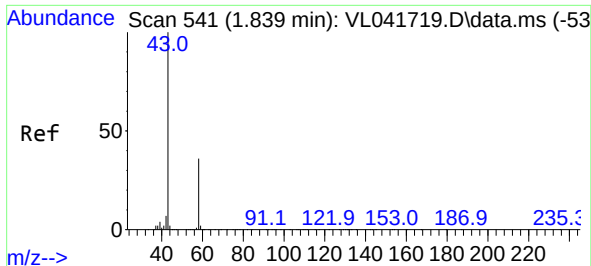


#14
Bromoethene
Concen: 0.153 ppbv
RT: 1.783 min Scan# 524
Delta R.T. -0.000 min
Lab File: VL041733.D
Acq: 11 Dec 2024 22:05



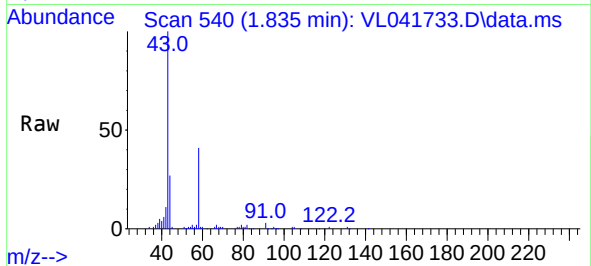
Tgt Ion:108 Resp: 2654
Ion Ratio Lower Upper
108 100
106 112.3 83.5 125.3
79 30.1 9.3 13.9





#15
Acetone
Concen: 0.304 ppbv
RT: 1.835 min Scan# 541
Delta R.T. -0.003 min
Lab File: VL041733.D
Acq: 11 Dec 2024 22:05

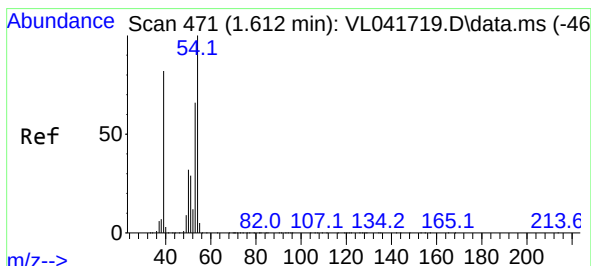
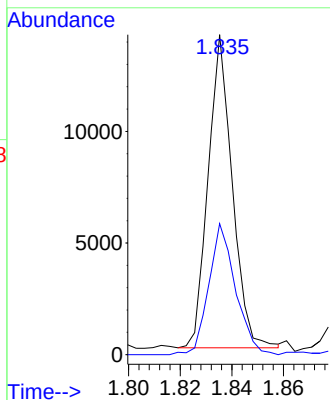
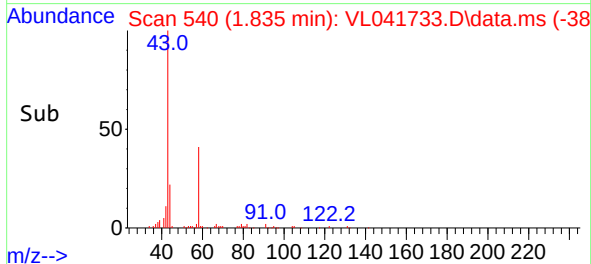
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



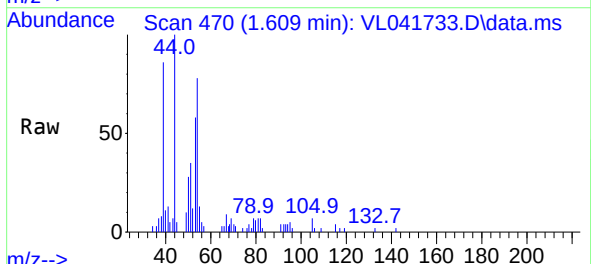
Tgt Ion: 43 Resp: 910
Ion Ratio Lower Upper
43 100
58 47.1 28.9 43.3

Manual Integrations
APPROVED

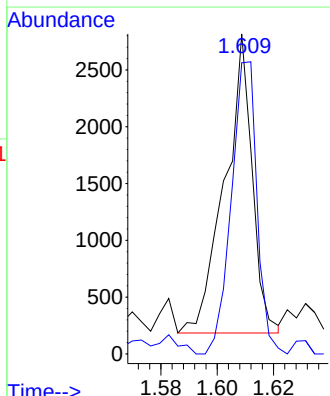
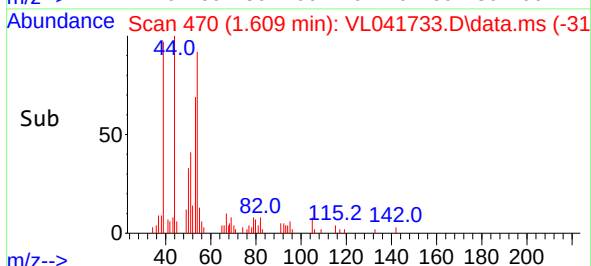
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

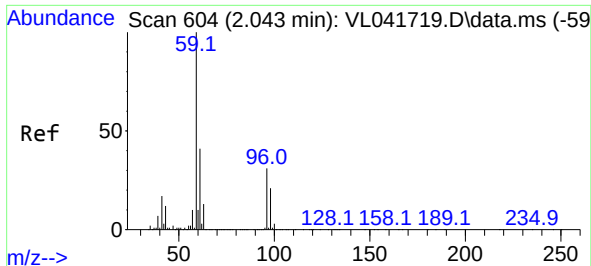


#16
1,3-Butadiene
Concen: 0.177 ppbv
RT: 1.609 min Scan# 470
Delta R.T. -0.003 min
Lab File: VL041733.D
Acq: 11 Dec 2024 22:05



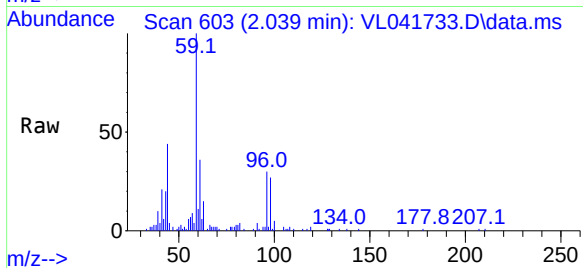
Tgt Ion: 39 Resp: 1776
Ion Ratio Lower Upper
39 100
54 94.9 85.0 127.6





#17
tert-Butyl alcohol
Concen: 0.140 ppbv
RT: 2.039 min Scan# 607
Delta R.T. -0.003 min
Lab File: VL041733.D
Acq: 11 Dec 2024 22:05

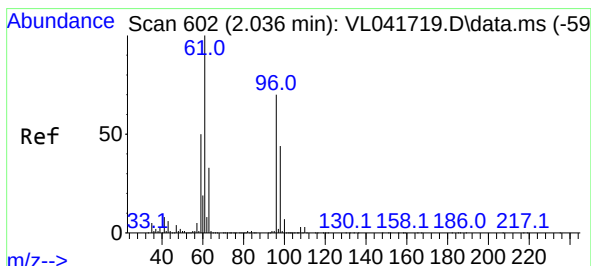
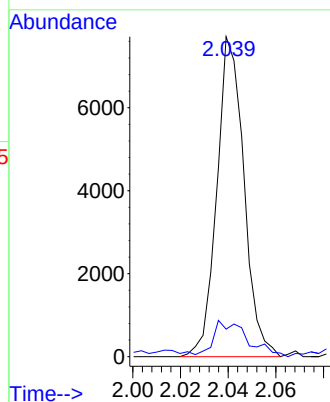
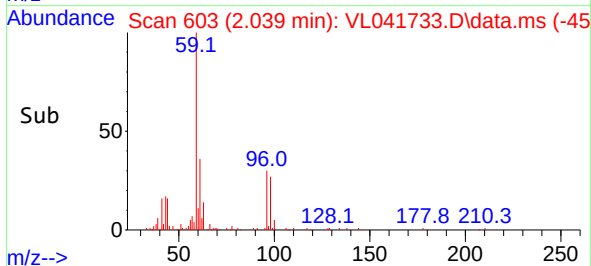
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion: 59 Resp: 607
Ion Ratio Lower Upper
59 100
57 21.7 8.2 12.4

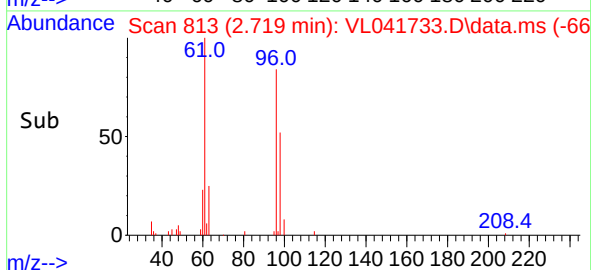
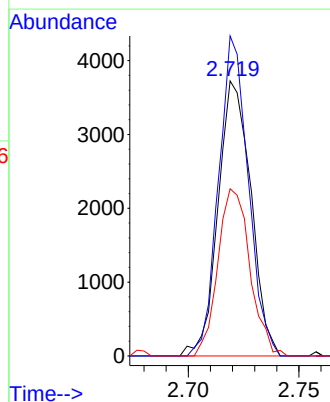
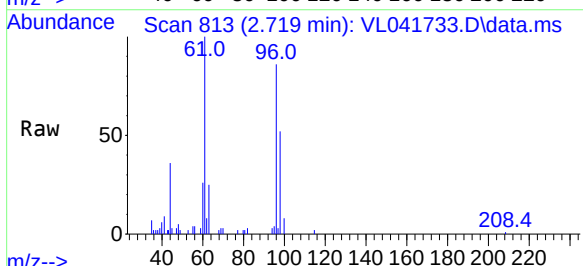
Manual Integrations
APPROVED

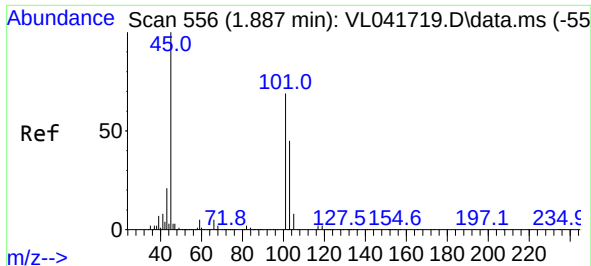
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#18
1,1-Dichloroethene
Concen: 0.109 ppbv
RT: 2.719 min Scan# 813
Delta R.T. -0.007 min
Lab File: VL041733.D
Acq: 11 Dec 2024 22:05

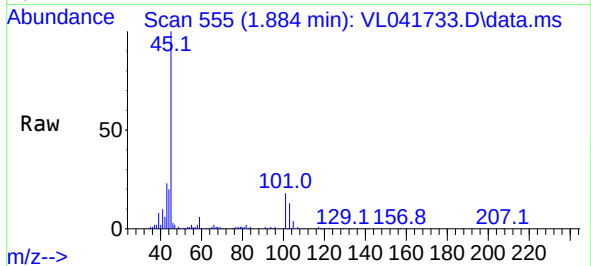
Tgt Ion: 96 Resp: 3840
Ion Ratio Lower Upper
96 100
61 116.3 84.8 127.2
98 60.8 51.2 76.8





#19
Isopropyl Alcohol
Concen: 0.617 ppbv
RT: 1.884 min Scan# 51
Delta R.T. -0.003 min
Lab File: VL041733.D
Acq: 11 Dec 2024 22:05

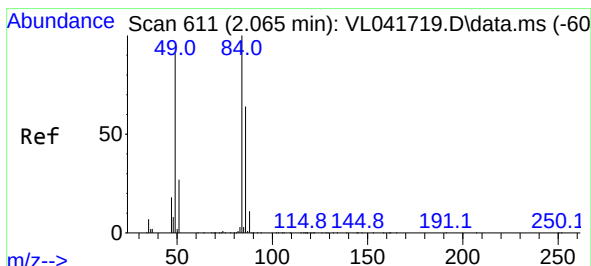
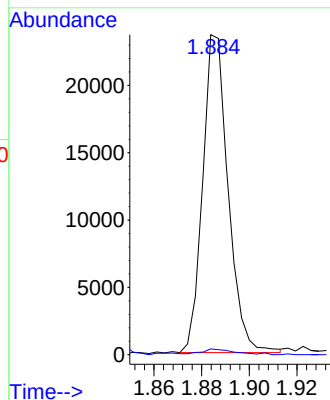
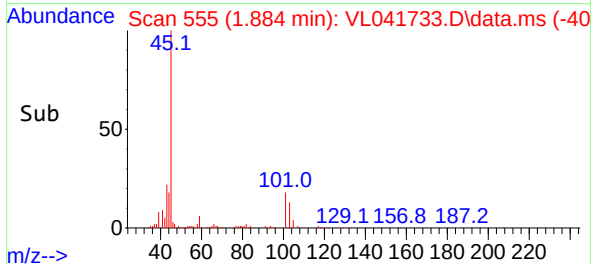
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



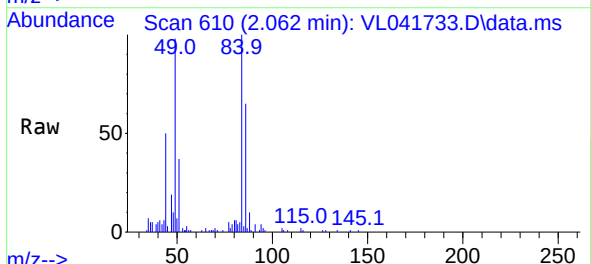
Tgt Ion: 45 Resp: 17560
Ion Ratio Lower Upper
45 100
58 2.5 40.6 61.0

Manual Integrations
APPROVED

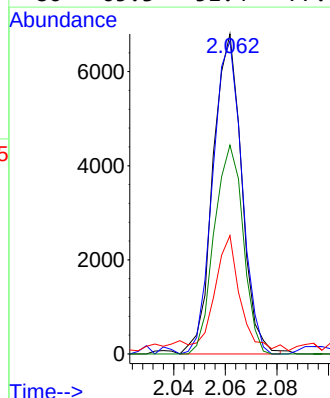
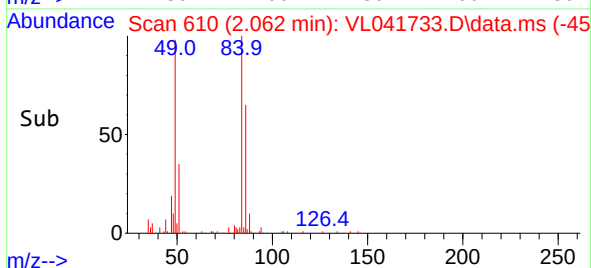
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

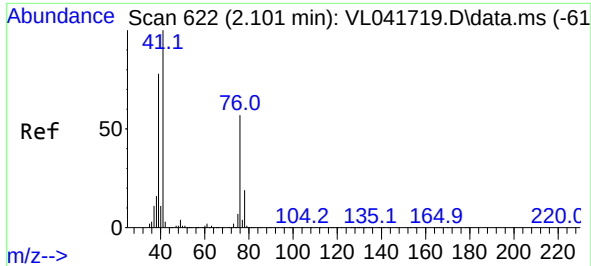


#20
Methylene Chloride
Concen: 0.288 ppbv
RT: 2.062 min Scan# 610
Delta R.T. -0.003 min
Lab File: VL041733.D
Acq: 11 Dec 2024 22:05



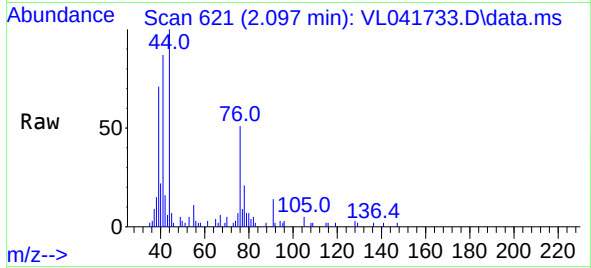
Tgt Ion: 84 Resp: 5229
Ion Ratio Lower Upper
84 100
49 97.9 73.6 110.4
51 34.1 22.7 34.1#
86 65.3 51.4 77.0





#21
Allyl Chloride
Concen: 0.129 ppbv
RT: 2.097 min Scan# 61
Delta R.T. -0.003 min
Lab File: VL041733.D
Acq: 11 Dec 2024 22:05

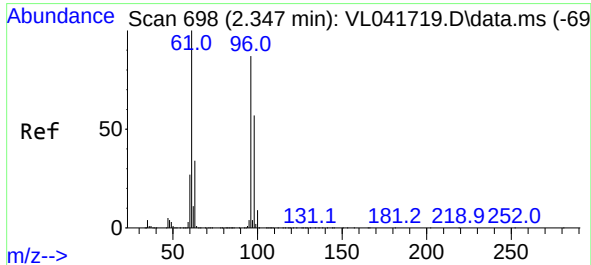
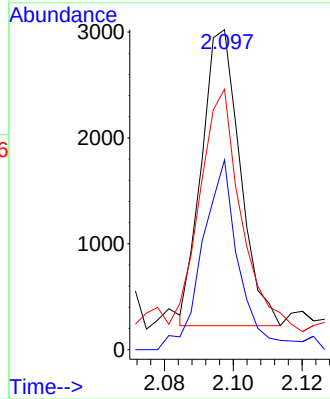
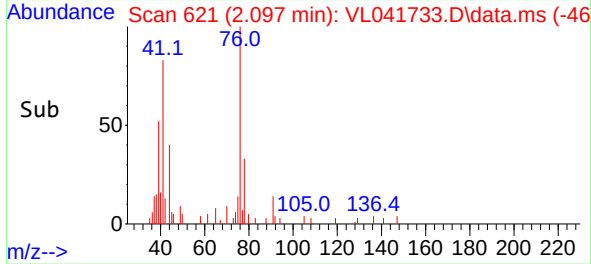
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion: 41 Resp: 2172
Ion Ratio Lower Upper
41 100
76 60.8 44.2 66.2
39 92.8 62.8 94.2

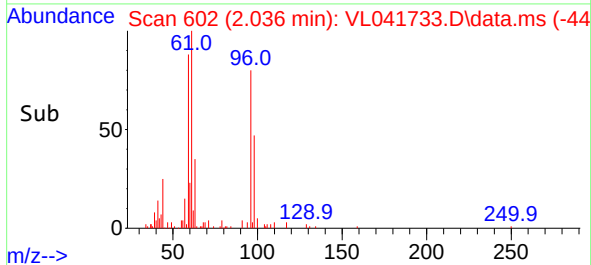
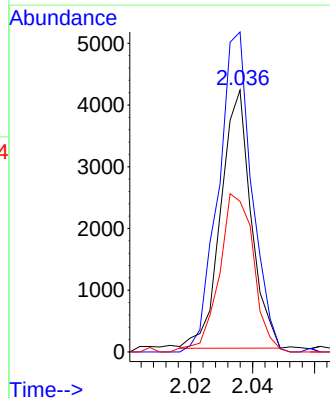
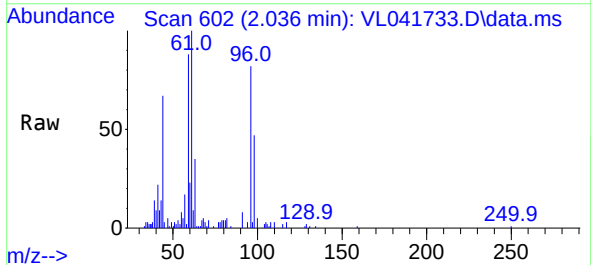
Manual Integrations
APPROVED

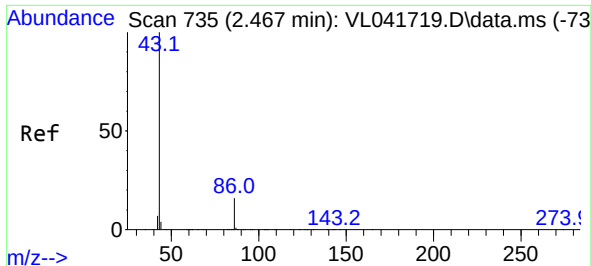
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#22
trans-1,2-Dichloroethene
Concen: 0.132 ppbv
RT: 2.036 min Scan# 602
Delta R.T. -0.000 min
Lab File: VL041733.D
Acq: 11 Dec 2024 22:05

Tgt Ion: 96 Resp: 2840
Ion Ratio Lower Upper
96 100
61 124.1 114.4 171.6
98 57.2 50.6 75.8





#23

Vinyl Acetate

Concen: 0.074 ppbv m

RT: 2.460 min Scan# 71

Delta R.T. -0.007 min

Lab File: VL041733.D

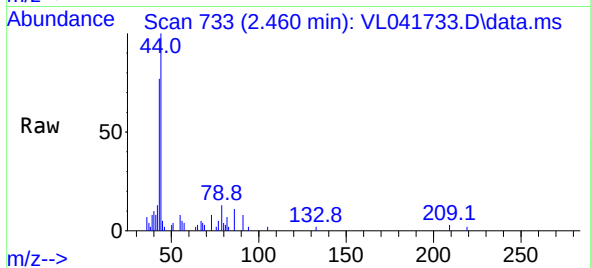
Acq: 11 Dec 2024 22:05

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT4-2024



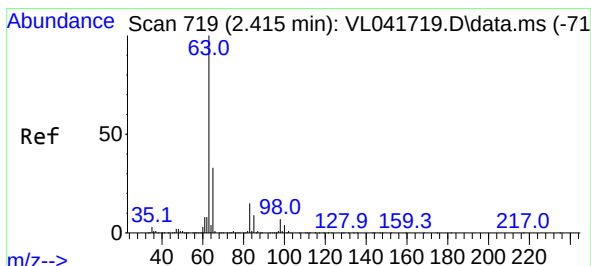
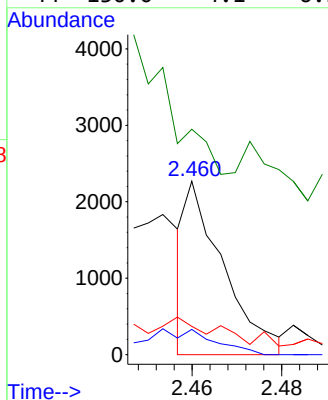
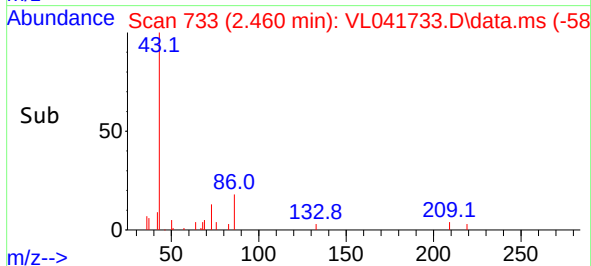
Tgt Ion: 43	Resp: 1334
Ion Ratio	Lower Upper
43 100	
86 14.6	11.5 17.3
42 16.4	6.6 10.0
44 130.0	4.1 6.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/13/2024

Supervised By :Semsettin Yesilyurt 12/13/2024



#24

1,1-Dichloroethane

Concen: 0.140 ppbv

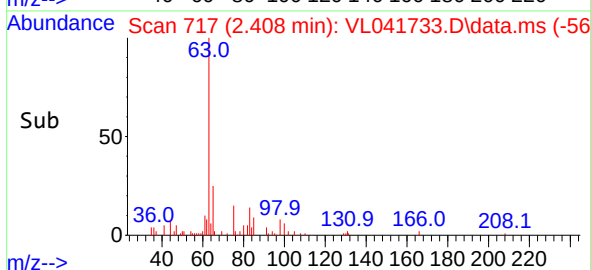
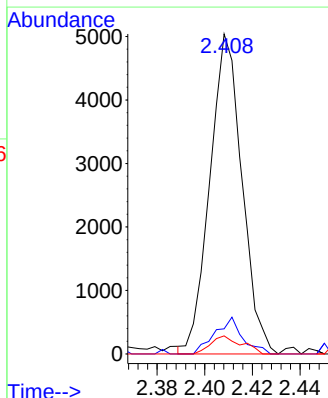
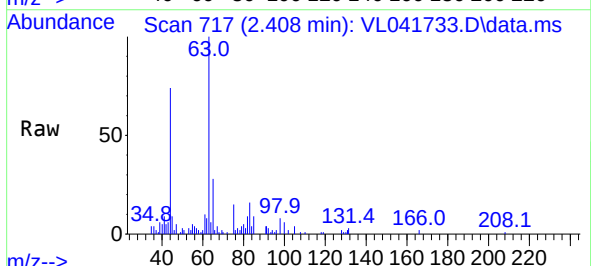
RT: 2.408 min Scan# 717

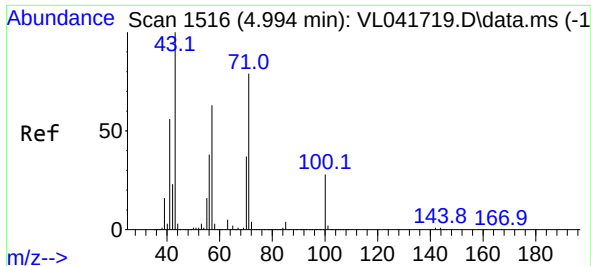
Delta R.T. -0.007 min

Lab File: VL041733.D

Acq: 11 Dec 2024 22:05

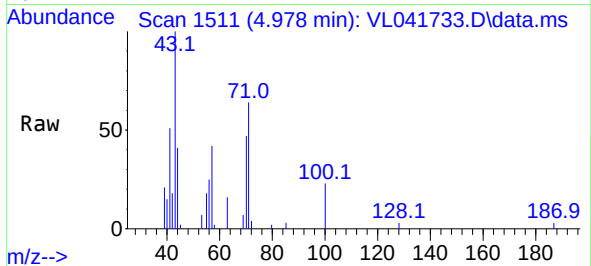
Tgt Ion: 63	Resp: 4720		
Ion Ratio	Lower	Upper	
63 100			
98 7.9	3.6	10.8	
100 5.7	2.3	6.8	





#25
Ethyl Acetate
Concen: 0.118 ppbv m
RT: 4.978 min Scan# 11
Delta R.T. -0.016 min
Lab File: VL041733.D
Acq: 11 Dec 2024 22:05

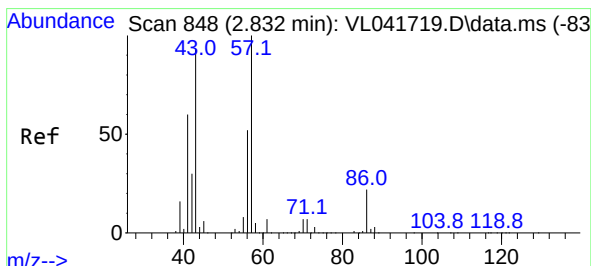
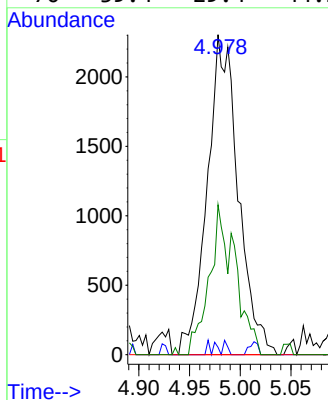
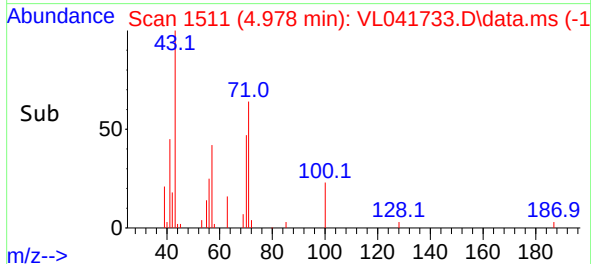
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion: 43 Resp: 4892
Ion Ratio Lower Upper
43 100
45 1.6 0.0 0.0
61 0.0 0.4 0.6
70 39.4 29.4 44.2

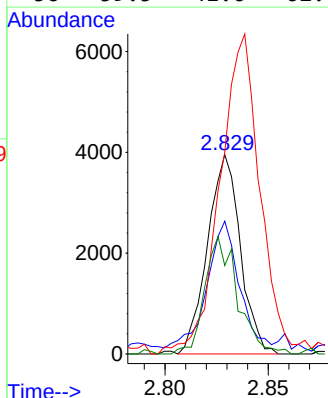
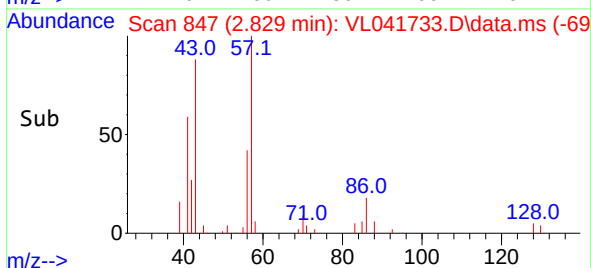
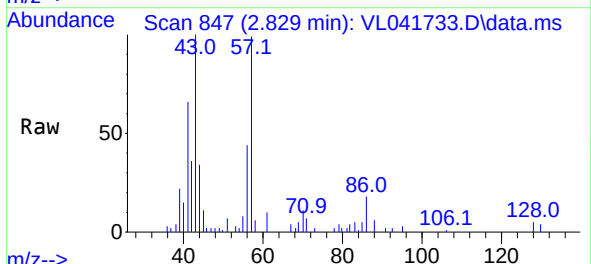
Manual Integrations
APPROVED

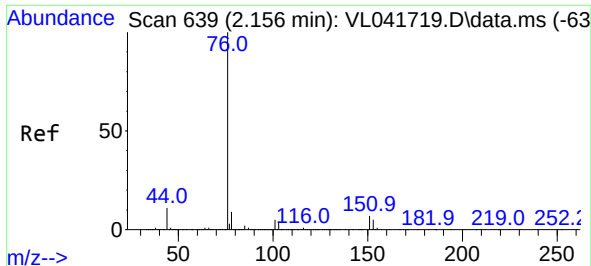
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#26
Hexane
Concen: 0.108 ppbv
RT: 2.829 min Scan# 847
Delta R.T. -0.003 min
Lab File: VL041733.D
Acq: 11 Dec 2024 22:05

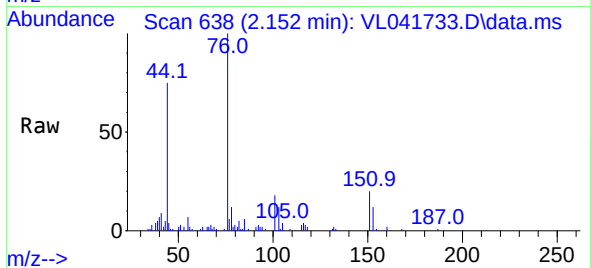
Tgt Ion: 57 Resp: 4375
Ion Ratio Lower Upper
57 100
41 72.3 49.5 74.3
43 198.3 150.6 225.8
56 59.5 41.6 62.4





#27
Carbon Disulfide
Concen: 0.107 ppbv
RT: 2.152 min Scan# 611
Delta R.T. -0.003 min
Lab File: VL041733.D
Acq: 11 Dec 2024 22:05

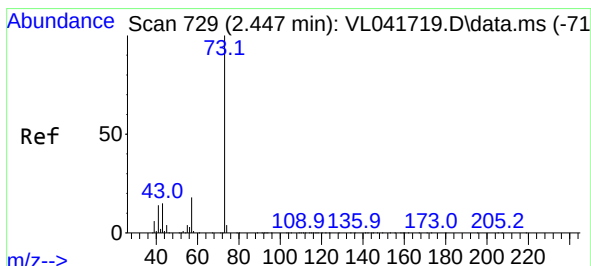
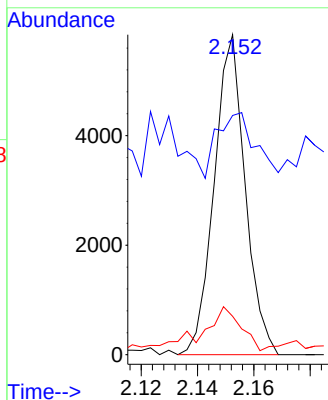
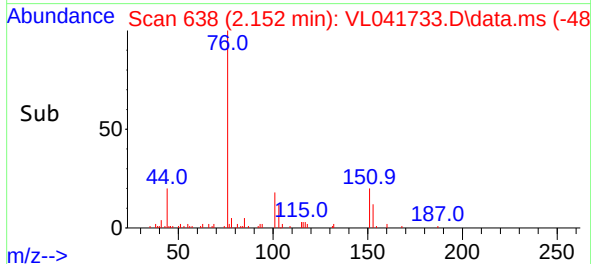
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion: 76 Resp: 445
Ion Ratio Lower Upper
76 100
44 0.0 9.4 14.0
78 28.7 9.4 14.0

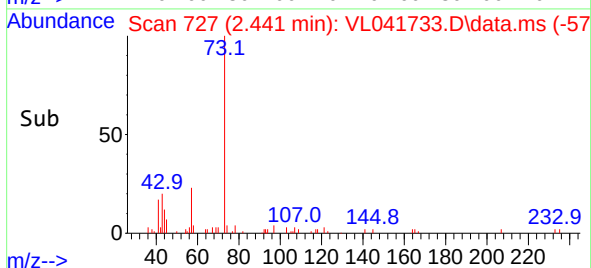
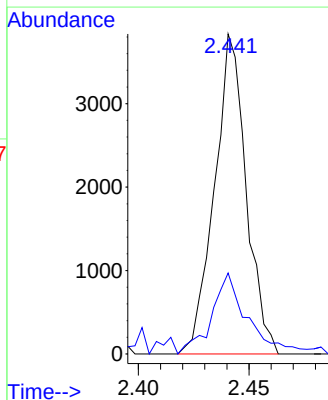
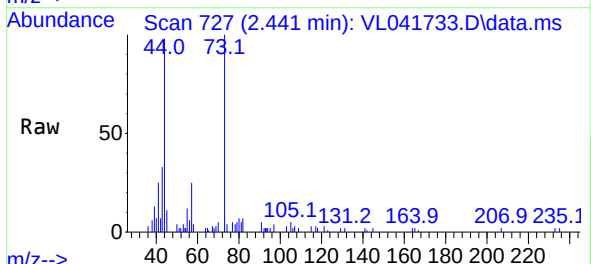
Manual Integrations
APPROVED

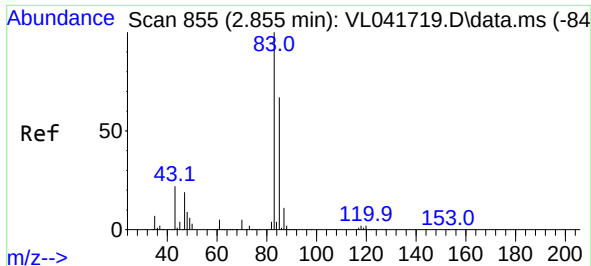
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#28
Methyl tert-Butyl Ether
Concen: 0.126 ppbv
RT: 2.441 min Scan# 727
Delta R.T. -0.007 min
Lab File: VL041733.D
Acq: 11 Dec 2024 22:05

Tgt Ion: 73 Resp: 3830
Ion Ratio Lower Upper
73 100
57 34.6 15.3 22.9





#29

Chloroform

Concen: 0.113 ppbv

RT: 2.848 min Scan# 81

Delta R.T. -0.007 min

Lab File: VL041733.D

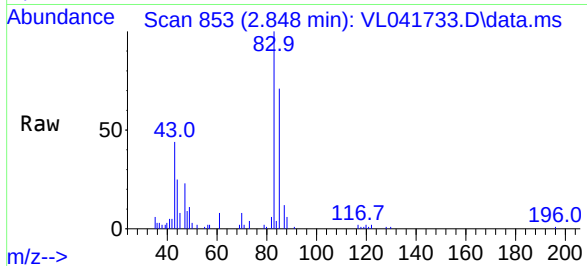
Acq: 11 Dec 2024 22:05

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT4-2024



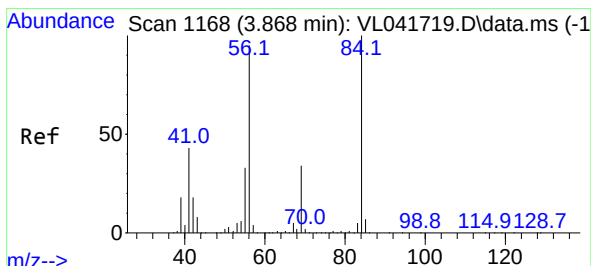
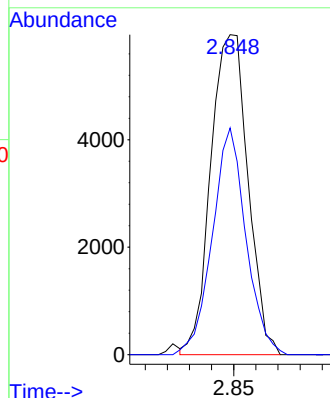
Tgt Ion: 83 Resp: 697

Ion	Ratio	Lower	Upper
83	100		
85	69.5	53.6	80.4

Manual Integrations

APPROVED

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



#30

Cyclohexane

Concen: 0.104 ppbv

RT: 3.858 min Scan# 1165

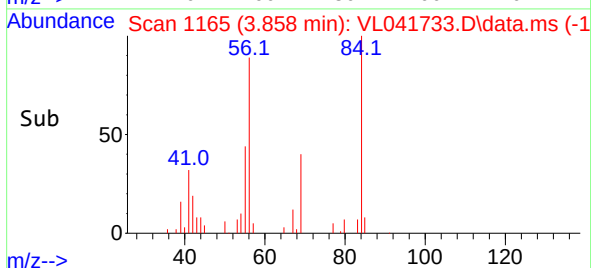
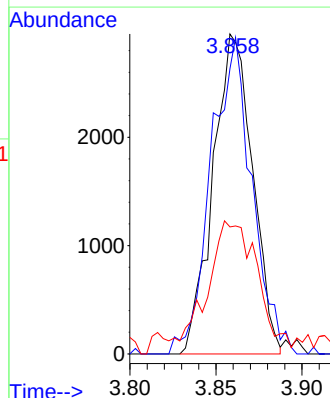
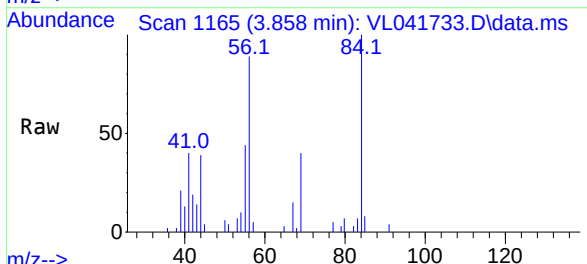
Delta R.T. -0.010 min

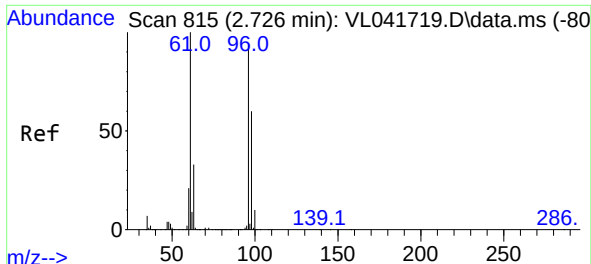
Lab File: VL041733.D

Acq: 11 Dec 2024 22:05

Tgt Ion: 84 Resp: 4724

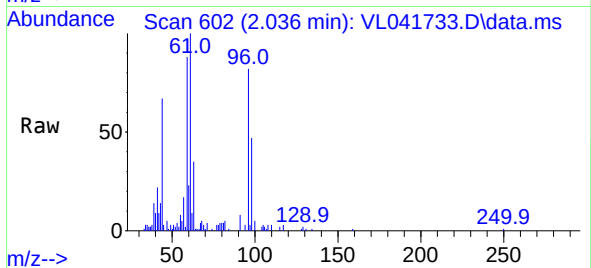
Ion	Ratio	Lower	Upper
84	100		
56	102.5	76.0	114.0
41	55.8	34.2	51.4





#31
cis-1,2-Dichloroethene
Concen: 0.133 ppbv
RT: 2.036 min Scan# 60
Delta R.T. -0.000 min
Lab File: VL041733.D
Acq: 11 Dec 2024 22:05

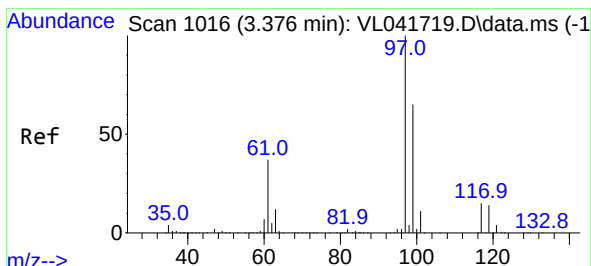
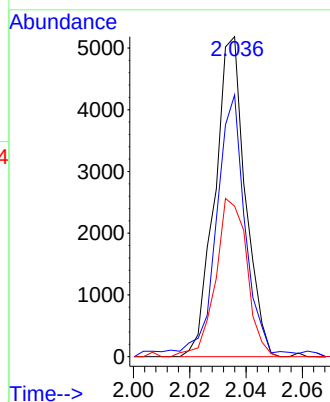
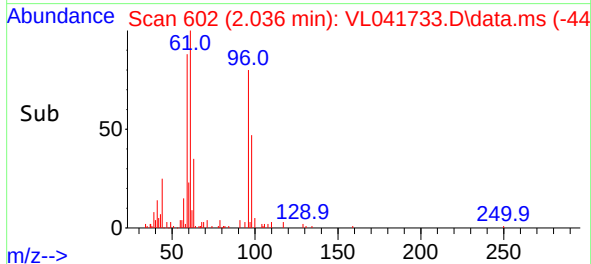
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion: 61 Resp: 390
Ion Ratio Lower Upper
61 100
96 80.2 55.9 83.9
98 47.0 35.4 53.0

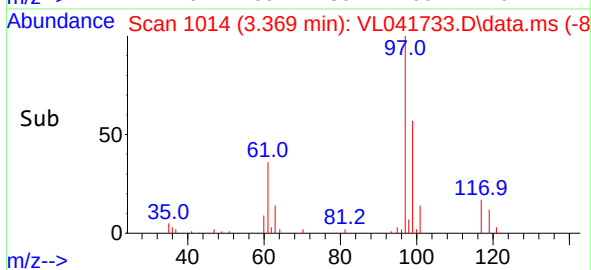
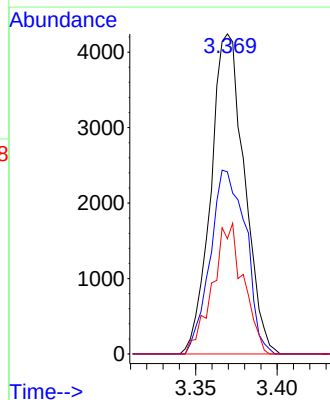
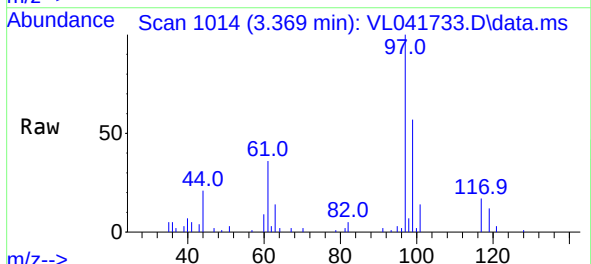
Manual Integrations
APPROVED

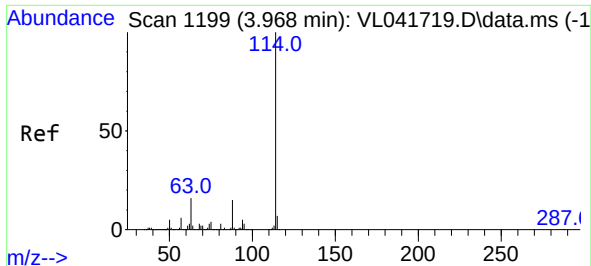
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#32
1,1,1-Trichloroethane
Concen: 0.100 ppbv
RT: 3.369 min Scan# 1014
Delta R.T. -0.007 min
Lab File: VL041733.D
Acq: 11 Dec 2024 22:05

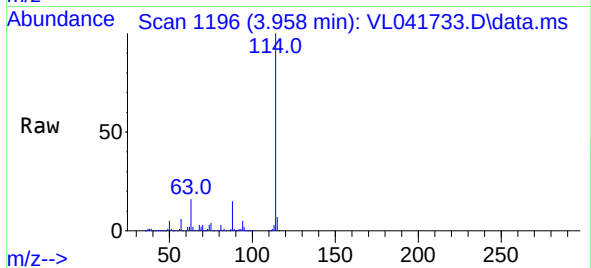
Tgt Ion: 97 Resp: 6067
Ion Ratio Lower Upper
97 100
99 60.8 52.2 78.2
61 37.7 29.8 44.8





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.958 min Scan# 1199
Delta R.T. -0.010 min
Lab File: VL041733.D
Acq: 11 Dec 2024 22:05

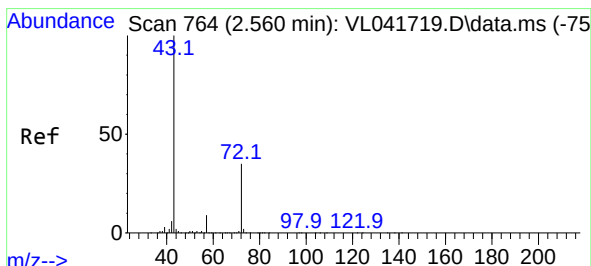
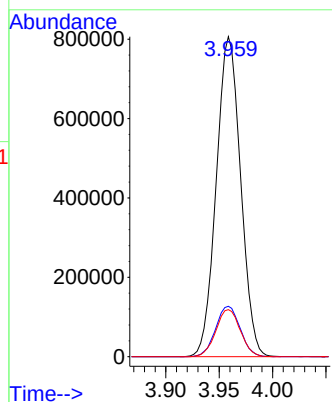
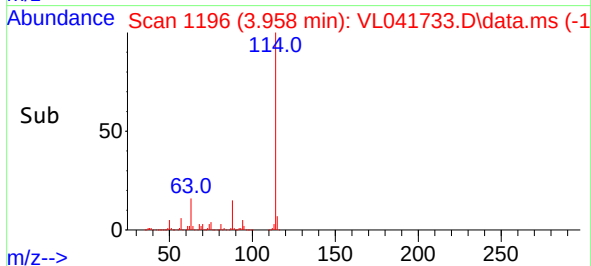
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion:114 Resp: 127851
Ion Ratio Lower Upper
114 100
63 15.9 12.9 19.3
88 14.8 11.8 17.6

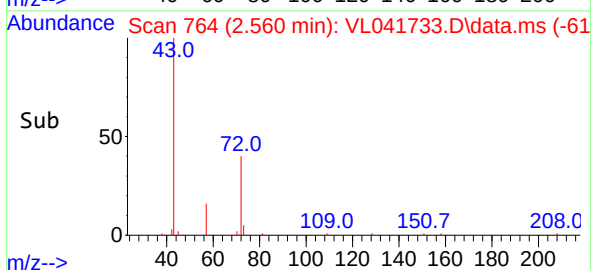
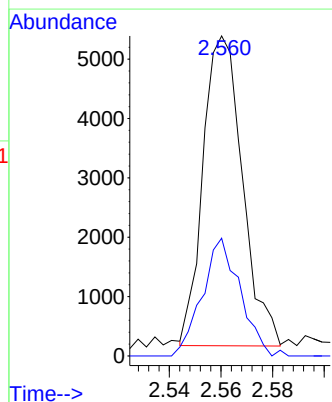
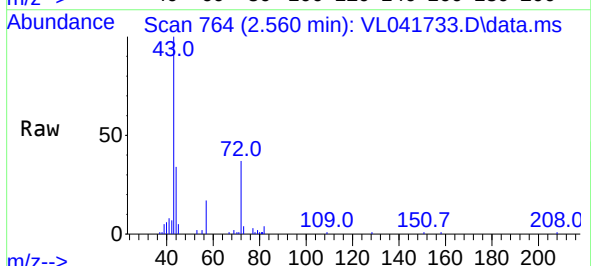
Manual Integrations
APPROVED

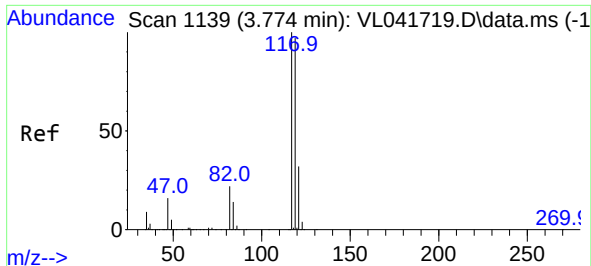
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#34
2-Butanone
Concen: 0.124 ppbv
RT: 2.560 min Scan# 764
Delta R.T. -0.000 min
Lab File: VL041733.D
Acq: 11 Dec 2024 22:05

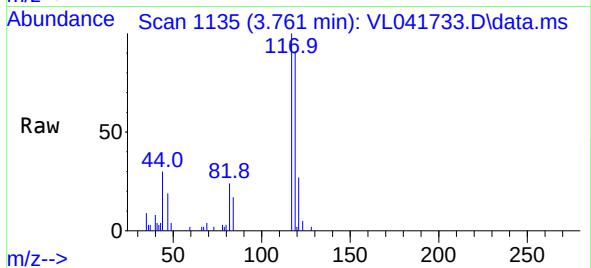
Tgt Ion: 43 Resp: 5536
Ion Ratio Lower Upper
43 100
72 36.6 28.3 42.5





#35
Carbon Tetrachloride
Concen: 0.091 ppbv m
RT: 3.761 min Scan# 1104
Delta R.T. -0.013 min
Lab File: VL041733.D
Acq: 11 Dec 2024 22:05

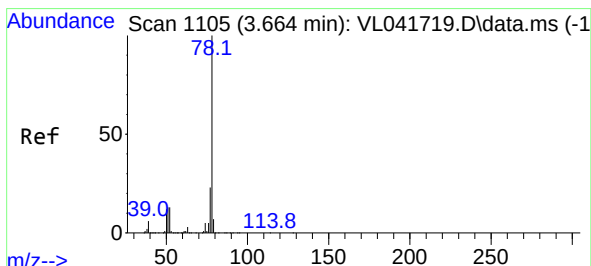
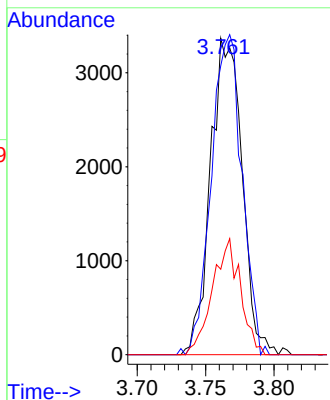
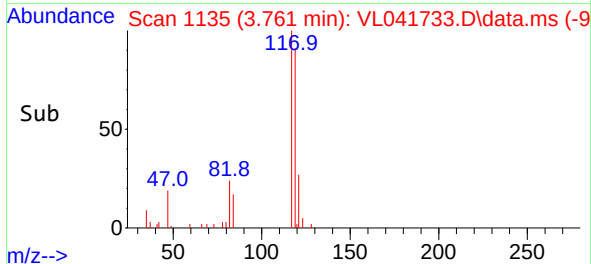
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion:117 Resp: 5414
Ion Ratio Lower Upper
117 100
119 91.4 77.7 116.5
121 27.0 25.5 38.3

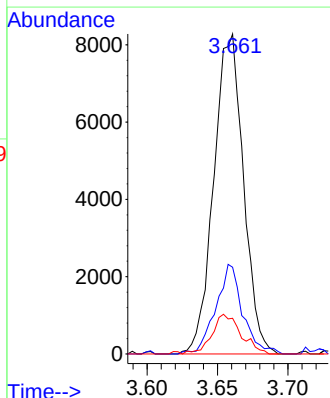
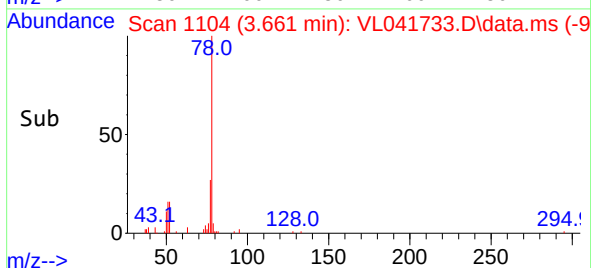
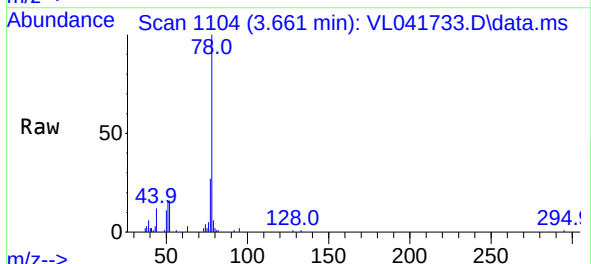
Manual Integrations
APPROVED

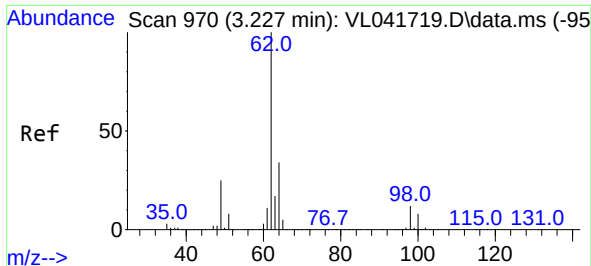
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#36
Benzene
Concen: 0.121 ppbv
RT: 3.661 min Scan# 1104
Delta R.T. -0.003 min
Lab File: VL041733.D
Acq: 11 Dec 2024 22:05

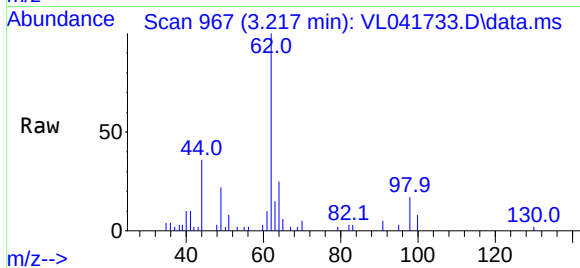
Tgt Ion: 78 Resp: 12151
Ion Ratio Lower Upper
78 100
77 27.1 18.6 27.8
50 11.2 9.5 14.3





#37
1,2-Dichloroethane
Concen: 0.104 ppbv
RT: 3.217 min Scan# 90
Delta R.T. -0.010 min
Lab File: VL041733.D
Acq: 11 Dec 2024 22:05

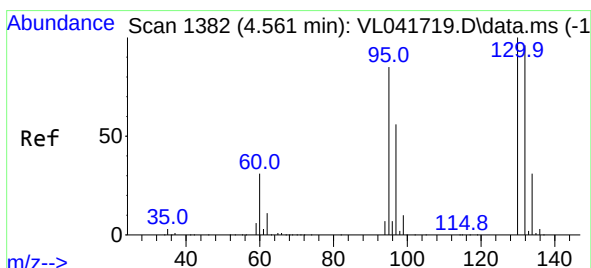
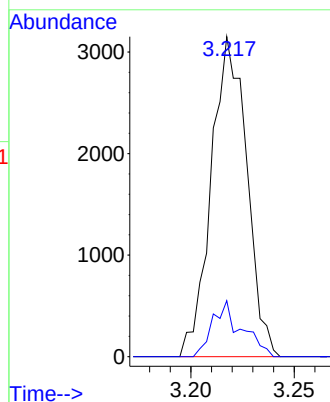
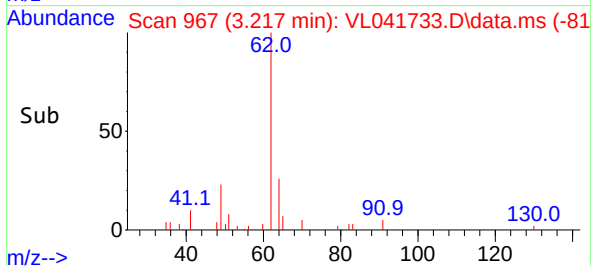
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



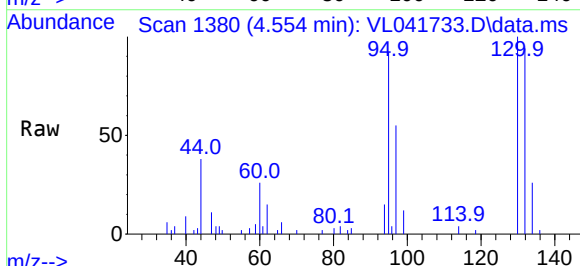
Tgt Ion: 62 Resp: 377
Ion Ratio Lower Upper
62 100
98 14.2 9.4 14.2

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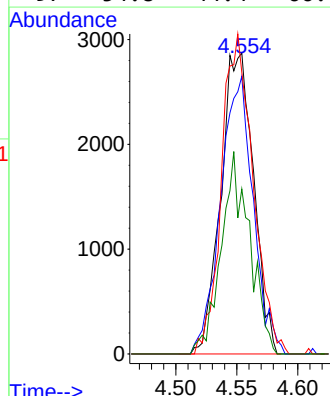
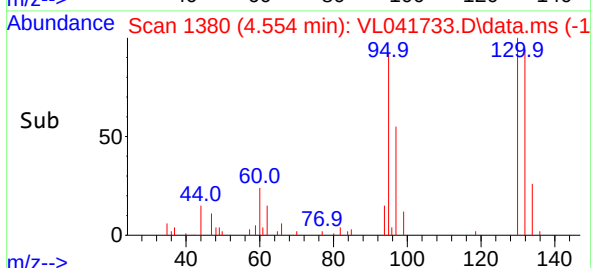
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

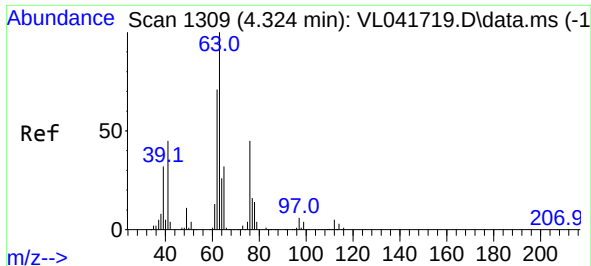


#38
Trichloroethene
Concen: 0.103 ppbv m
RT: 4.554 min Scan# 1380
Delta R.T. -0.007 min
Lab File: VL041733.D
Acq: 11 Dec 2024 22:05



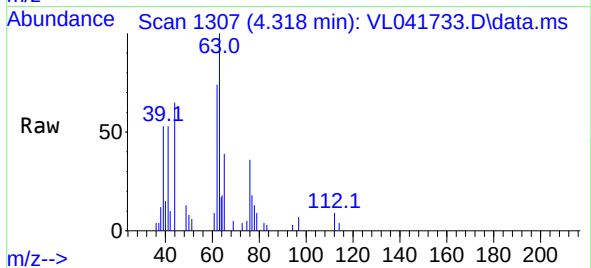
Tgt Ion:130 Resp: 5362
Ion Ratio Lower Upper
130 100
95 92.2 68.0 102.0
132 93.6 76.5 114.7
97 54.8 44.4 66.6





#39
1,2-Dichloropropane
Concen: 0.115 ppbv m
RT: 4.318 min Scan# 11
Delta R.T. -0.007 min
Lab File: VL041733.D
Acq: 11 Dec 2024 22:05

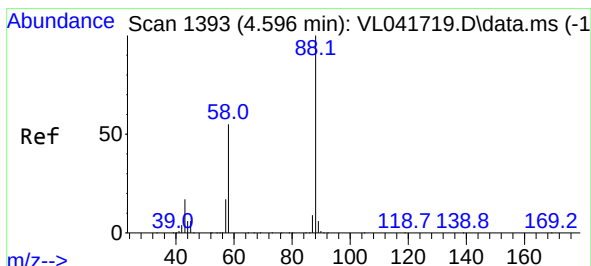
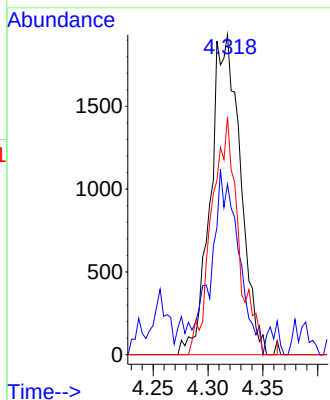
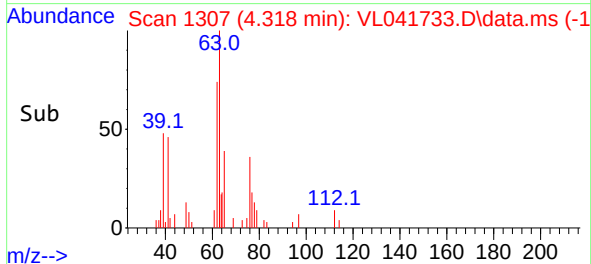
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion: 63 Resp: 367
Ion Ratio Lower Upper
63 100
41 53.2 36.4 54.6
62 74.3 56.6 85.0

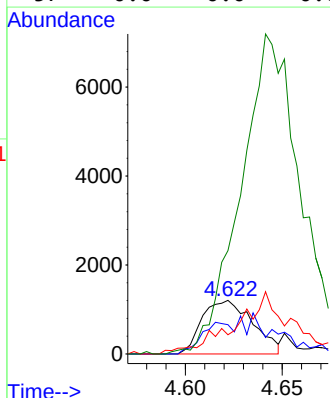
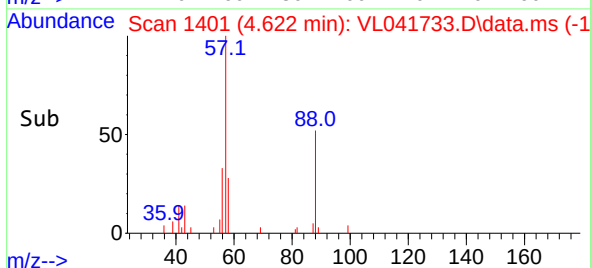
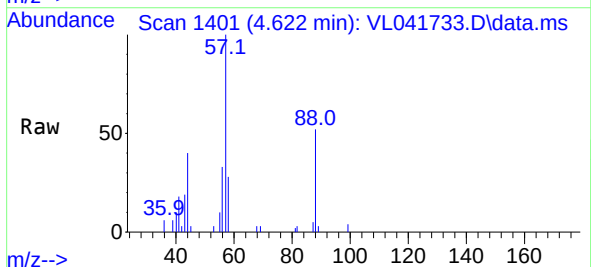
Manual Integrations
APPROVED

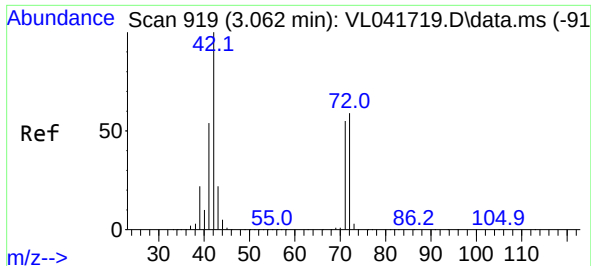
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#40
1,4-Dioxane
Concen: 0.114 ppbv
RT: 4.622 min Scan# 1401
Delta R.T. 0.026 min
Lab File: VL041733.D
Acq: 11 Dec 2024 22:05

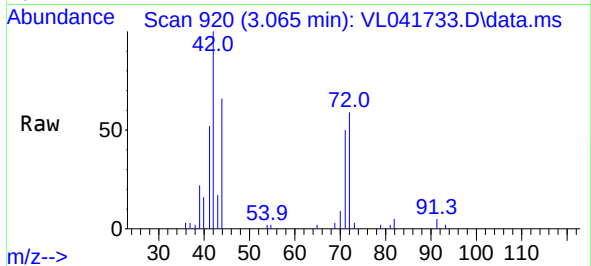
Tgt Ion: 88 Resp: 2202
Ion Ratio Lower Upper
88 100
58 0.0 45.7 68.5#
43 10.6 0.0 0.0#
57 0.0 0.0 0.0





#41
Tetrahydrofuran
Concen: 0.129 ppbv m
RT: 3.065 min Scan# 919
Delta R.T. 0.003 min
Lab File: VL041733.D
Acq: 11 Dec 2024 22:05

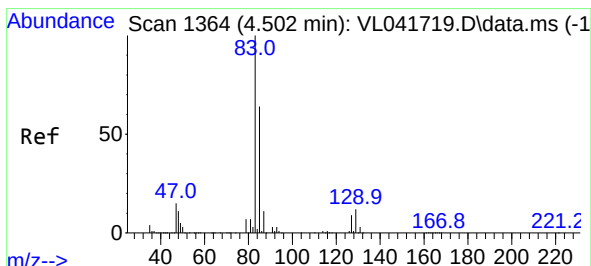
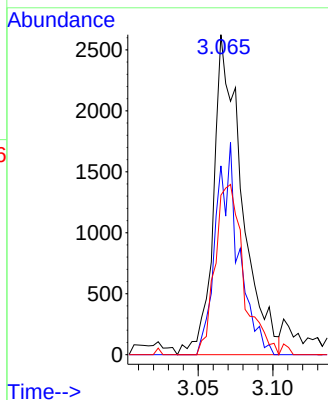
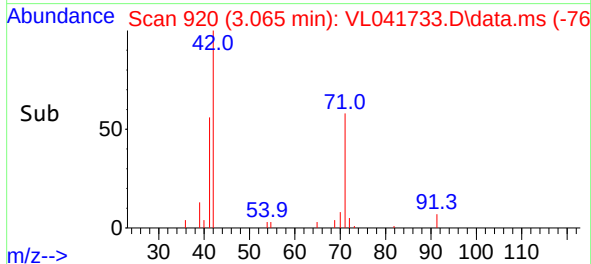
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion: 42 Resp: 3470
Ion Ratio Lower Upper
42 100
72 0.0 47.4 71.0
71 0.0 44.4 66.6

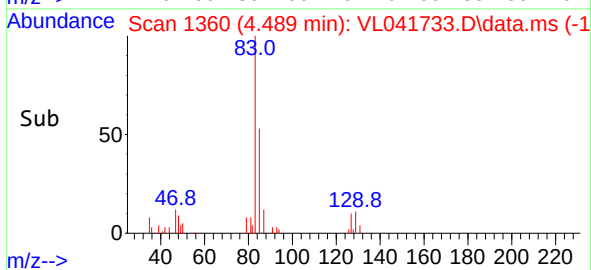
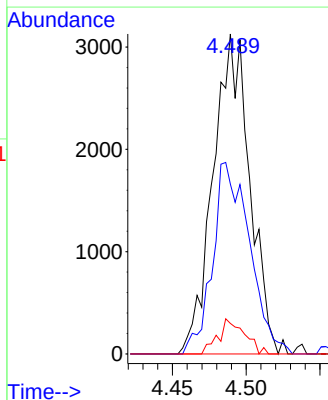
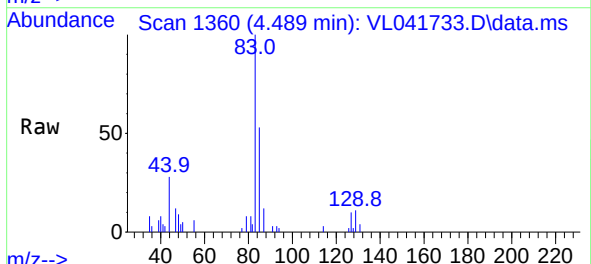
Manual Integrations
APPROVED

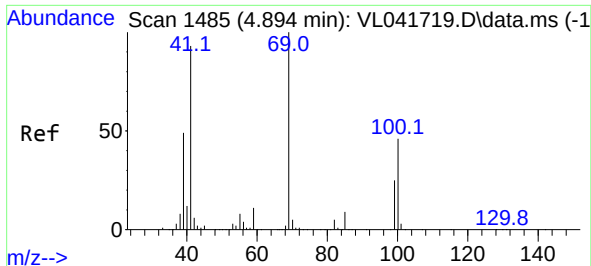
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#42
Bromodichloromethane
Concen: 0.092 ppbv
RT: 4.489 min Scan# 1360
Delta R.T. -0.013 min
Lab File: VL041733.D
Acq: 11 Dec 2024 22:05

Tgt Ion: 83 Resp: 5391
Ion Ratio Lower Upper
83 100
85 53.1 51.0 76.6
127 9.6 7.6 11.4





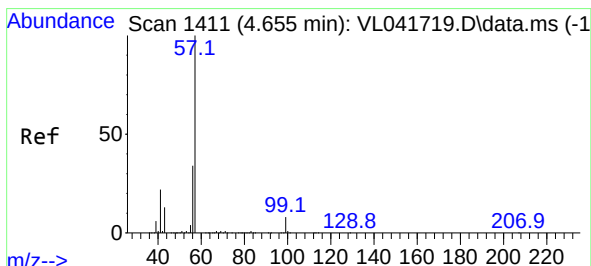
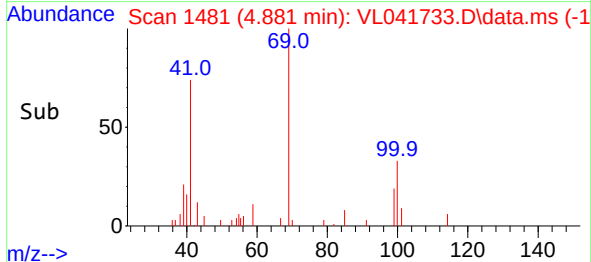
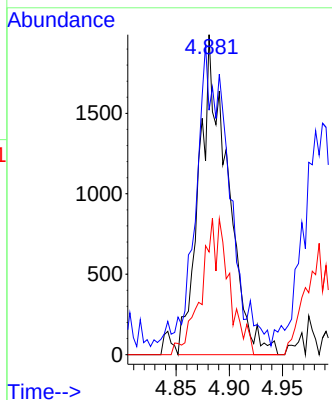
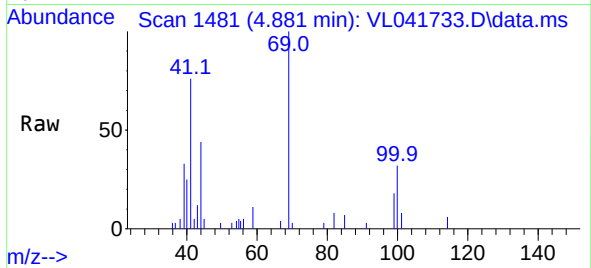
#43
Methyl Methacrylate
Concen: 0.102 ppbv m
RT: 4.881 min Scan# 1407
Delta R.T. -0.013 min
Lab File: VL041733.D
Acq: 11 Dec 2024 22:05

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

Tgt Ion: 69 Resp: 3699
Ion Ratio Lower Upper
69 100
41 119.0 74.6 112.0#
100 41.5 35.5 53.3

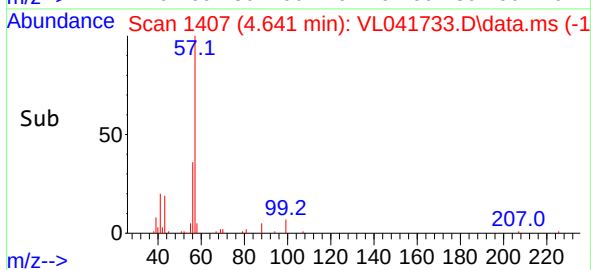
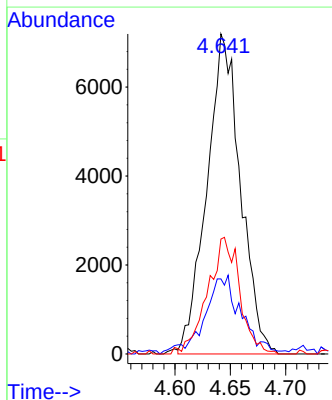
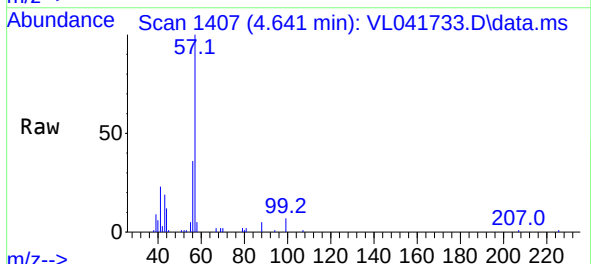
Manual Integrations
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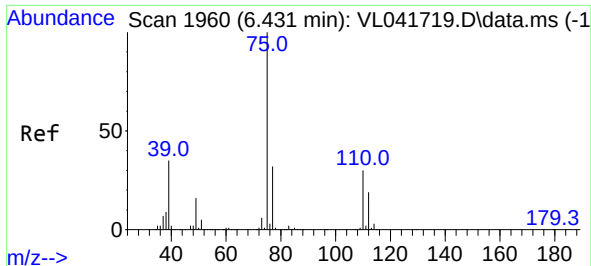
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#44
2,2,4-Trimethylpentane
Concen: 0.109 ppbv
RT: 4.641 min Scan# 1407
Delta R.T. -0.013 min
Lab File: VL041733.D
Acq: 11 Dec 2024 22:05

Tgt Ion: 57 Resp: 15220
Ion Ratio Lower Upper
57 100
41 27.0 17.2 25.8#
56 34.7 26.6 40.0





#45

t-1,3-Dichloropropene

Concen: 0.080 ppbv m

RT: 5.603 min Scan# 1

Delta R.T. -0.013 min

Lab File: VL041733.D

Acq: 11 Dec 2024 22:05

Instrument :

MSVOA_L

ClientSampleId :

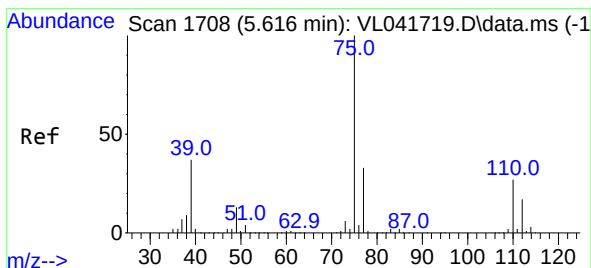
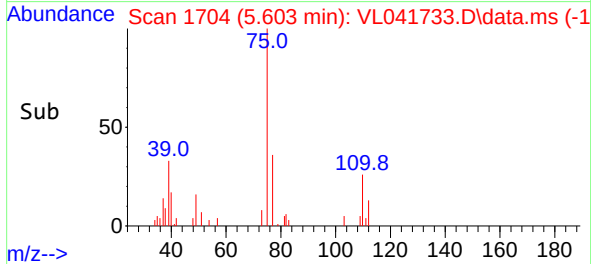
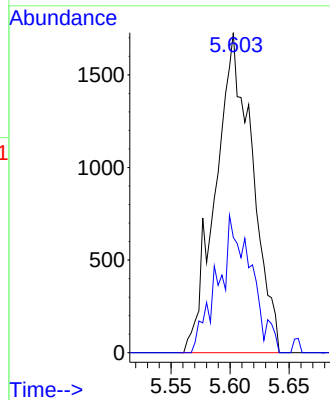
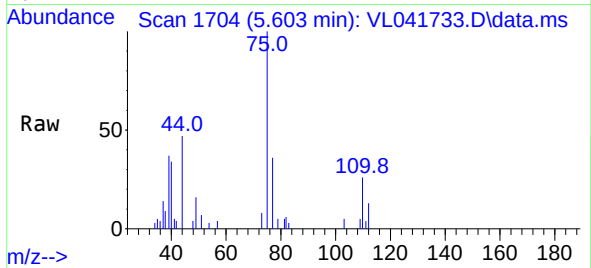
LOD-MDL-AIR-01-QT4-2024

Tgt Ion: 75 Resp: 3729
 Ion Ratio Lower Upper
 75 100
 77 36.0 26.2 39.4

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



#46

cis-1,3-Dichloropropene

Concen: 0.087 ppbv m

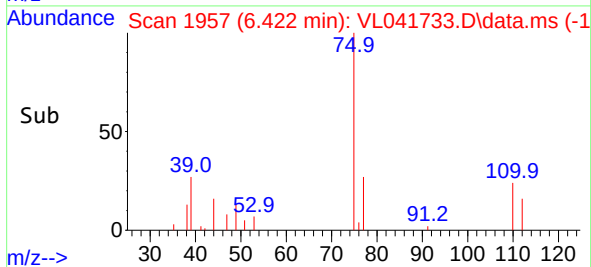
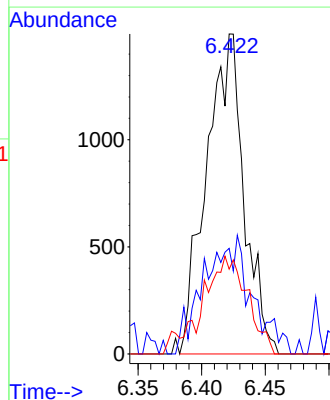
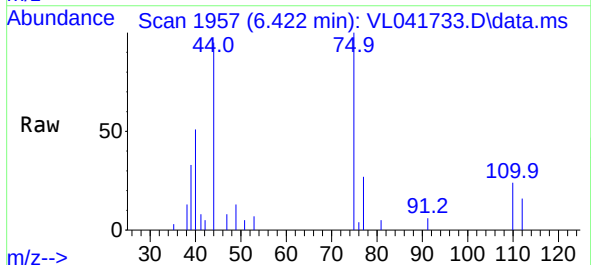
RT: 6.422 min Scan# 1957

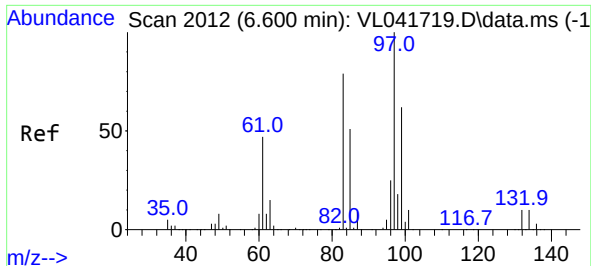
Delta R.T. -0.010 min

Lab File: VL041733.D

Acq: 11 Dec 2024 22:05

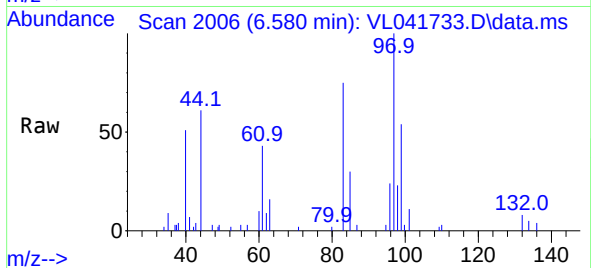
Tgt Ion: 75 Resp: 3077
 Ion Ratio Lower Upper
 75 100
 39 33.0 28.1 42.1
 77 26.5 25.8 38.6





#47
1,1,2-Trichloroethane
Concen: 0.104 ppbv m
RT: 6.580 min Scan# 2012
Delta R.T. -0.020 min
Lab File: VL041733.D
Acq: 11 Dec 2024 22:05

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

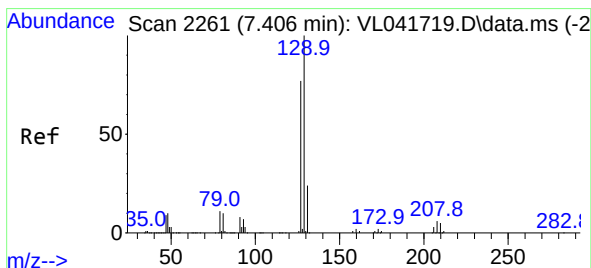
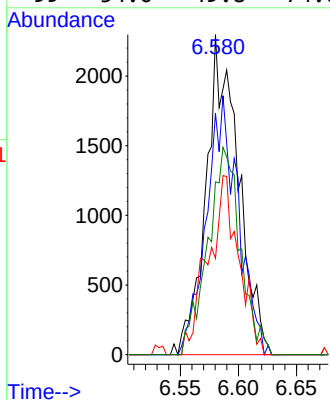
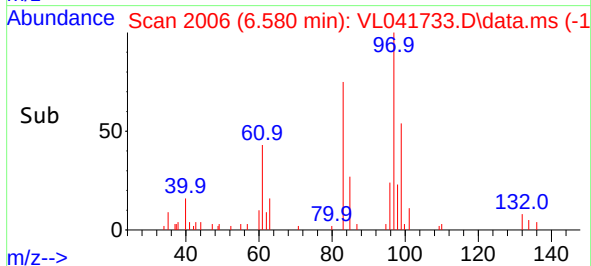


Tgt Ion: 97 Resp: 441

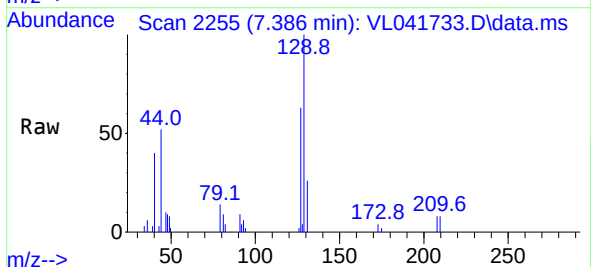
Ion	Ratio	Lower	Upper
97	100		
83	75.4	63.0	94.4
85	30.1	41.0	61.6
99	54.0	49.8	74.6

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

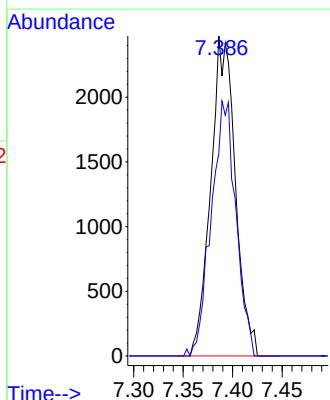
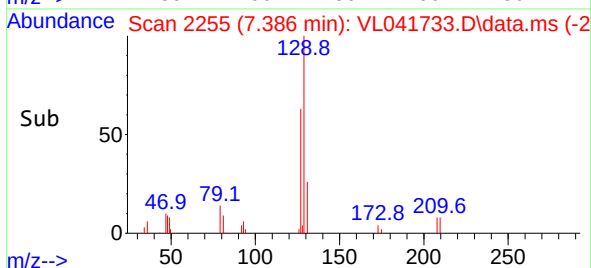


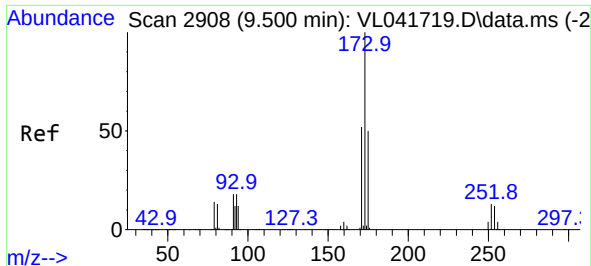
#48
Dibromochloromethane
Concen: 0.069 ppbv m
RT: 7.386 min Scan# 2255
Delta R.T. -0.020 min
Lab File: VL041733.D
Acq: 11 Dec 2024 22:05



Tgt Ion:129 Resp: 4268

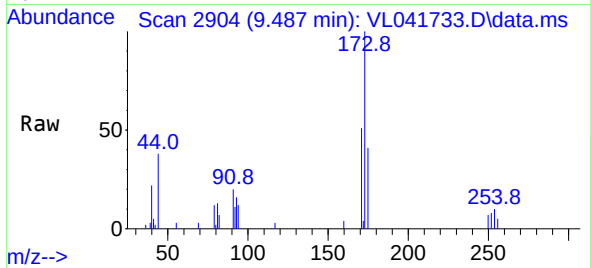
Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.6	115.7#





#49
Bromoform
Concen: 0.066 ppbv
RT: 9.487 min Scan# 2908
Delta R.T. -0.013 min
Lab File: VL041733.D
Acq: 11 Dec 2024 22:05

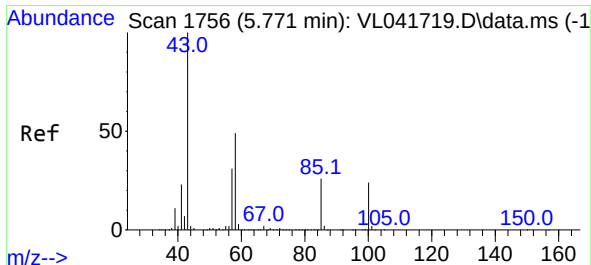
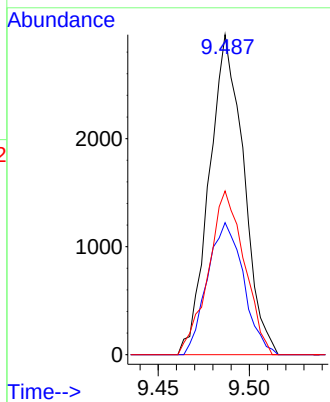
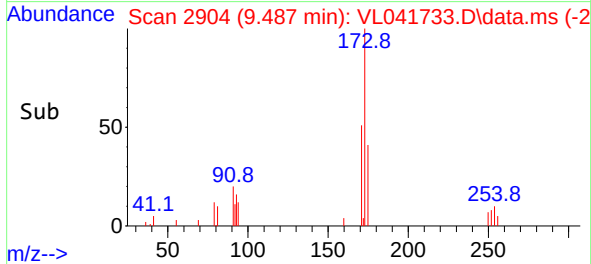
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion:173 Resp: 3889
Ion Ratio Lower Upper
173 100
175 43.3 39.5 59.3
171 53.3 41.4 62.0

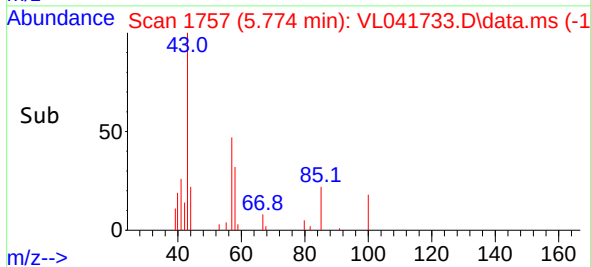
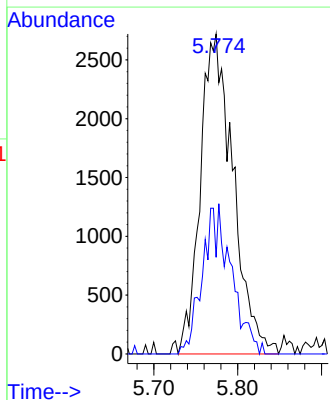
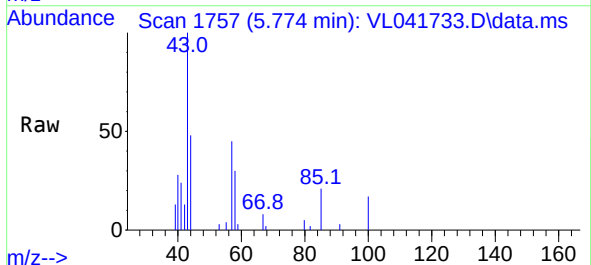
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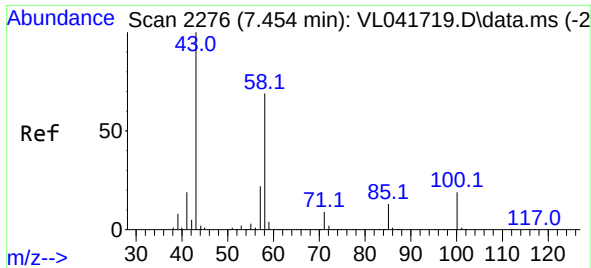
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#50
4-Methyl-2-Pentanone
Concen: 0.115 ppbv m
RT: 5.774 min Scan# 1757
Delta R.T. 0.003 min
Lab File: VL041733.D
Acq: 11 Dec 2024 22:05

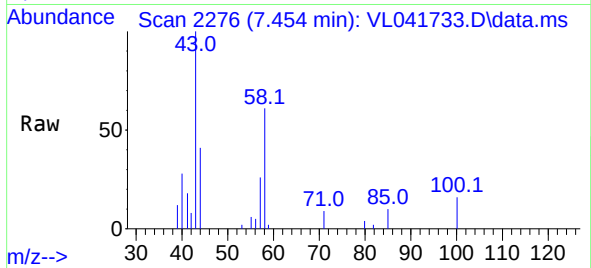
Tgt Ion: 43 Resp: 7366
Ion Ratio Lower Upper
43 100
58 0.0 38.9 58.3#





#51
2-Hexanone
Concen: 0.098 ppbv
RT: 7.454 min Scan# 2149
Delta R.T. -0.000 min
Lab File: VL041733.D
Acq: 11 Dec 2024 22:05

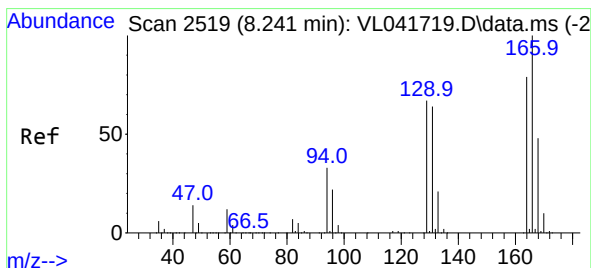
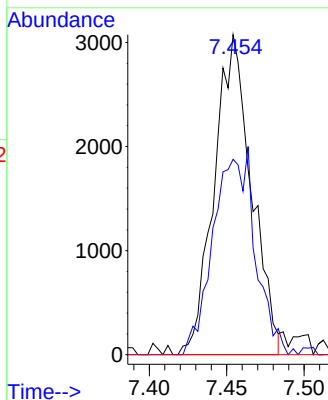
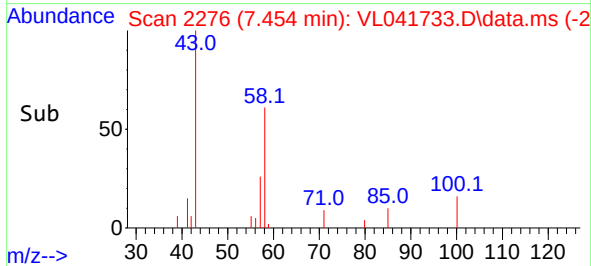
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



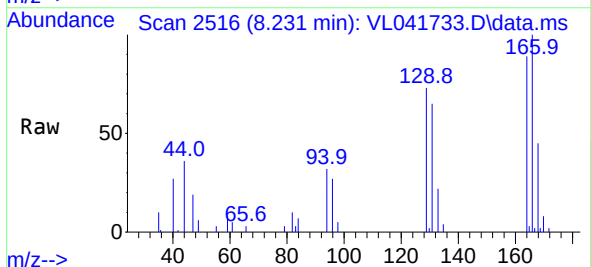
Tgt Ion: 43 Resp: 5149
Ion Ratio Lower Upper
43 100
58 72.0 54.2 81.4
98 0.0 0.2 0.2

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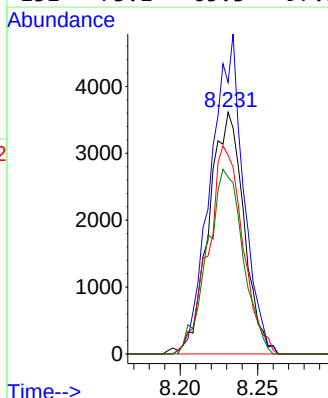
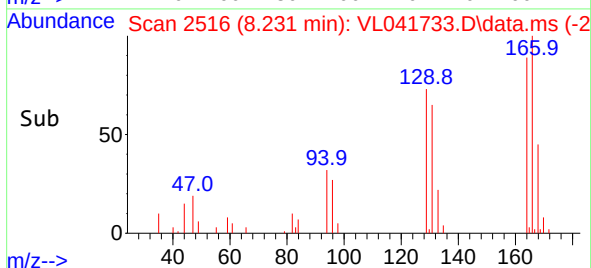
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

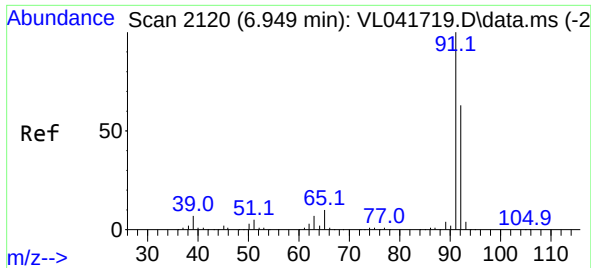


#52
Tetrachloroethene
Concen: 0.106 ppbv
RT: 8.231 min Scan# 2516
Delta R.T. -0.010 min
Lab File: VL041733.D
Acq: 11 Dec 2024 22:05



Tgt Ion:164 Resp: 5657
Ion Ratio Lower Upper
164 100
166 112.3 101.4 152.0
129 82.1 67.6 101.4
131 73.1 65.3 97.9





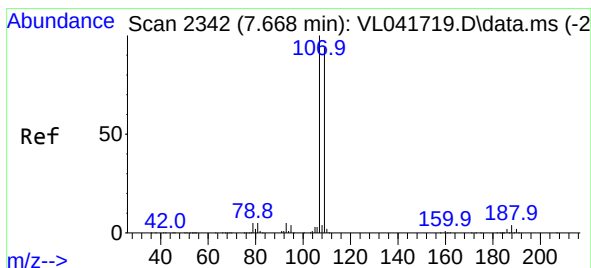
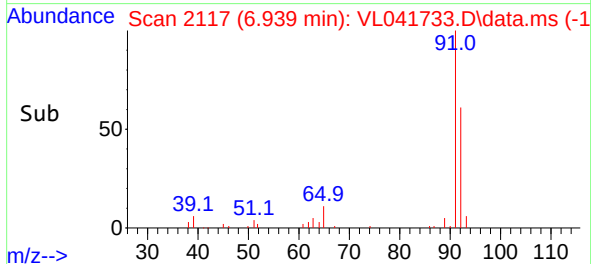
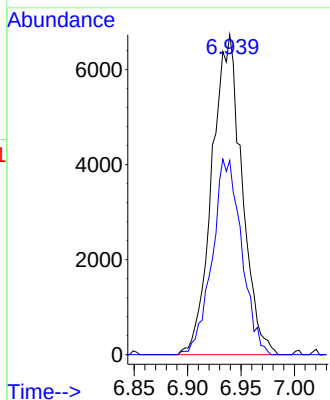
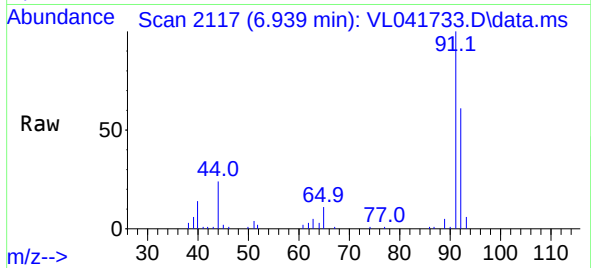
#53
Toluene
Concen: 0.107 ppbv
RT: 6.939 min Scan# 2117
Delta R.T. -0.010 min
Lab File: VL041733.D
Acq: 11 Dec 2024 22:05

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

Tgt Ion: 91 Resp: 13169
Ion Ratio Lower Upper
91 100
92 59.8 49.7 74.5

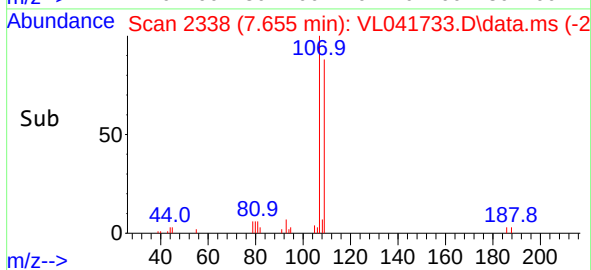
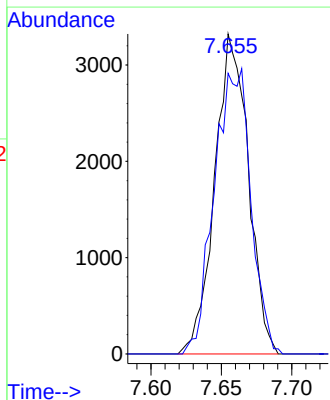
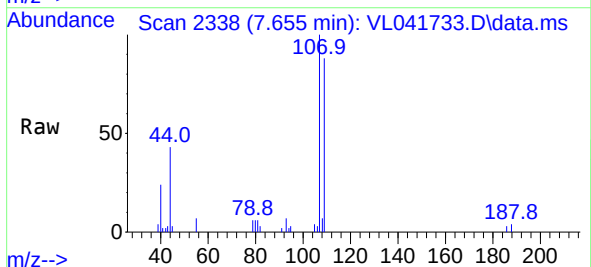
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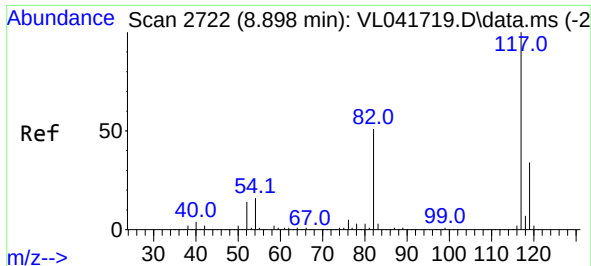
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#54
1,2-Dibromoethane
Concen: 0.095 ppbv
RT: 7.655 min Scan# 2338
Delta R.T. -0.013 min
Lab File: VL041733.D
Acq: 11 Dec 2024 22:05

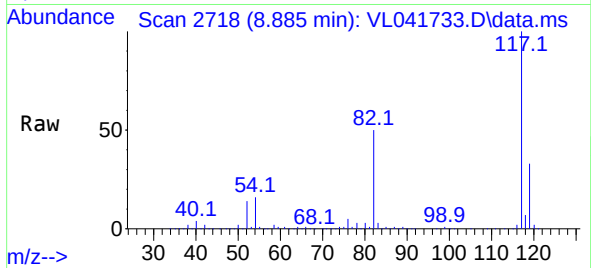
Tgt Ion:107 Resp: 5515
Ion Ratio Lower Upper
107 100
109 87.7 75.5 113.3





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.885 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL041733.D
Acq: 11 Dec 2024 22:05

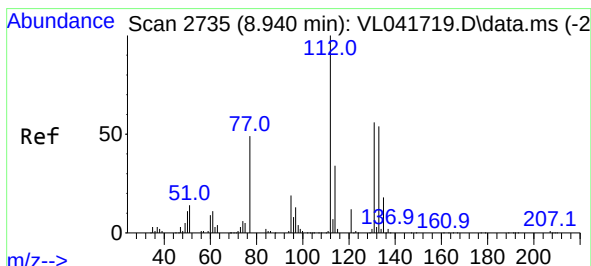
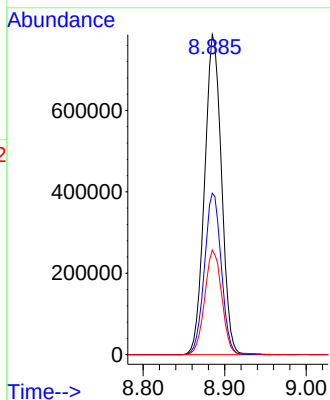
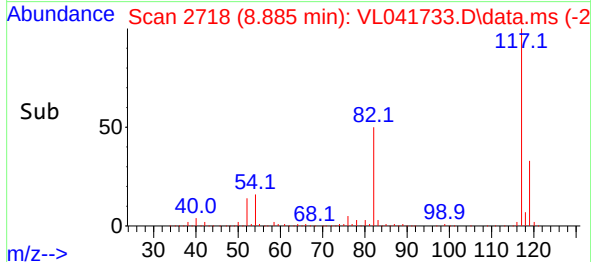
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion:117 Resp: 113261
Ion Ratio Lower Upper
117 100
82 50.1 41.3 61.9
119 33.1 25.8 38.8

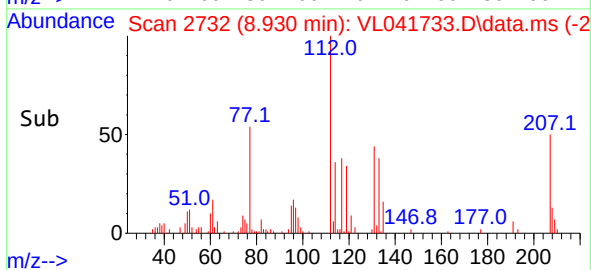
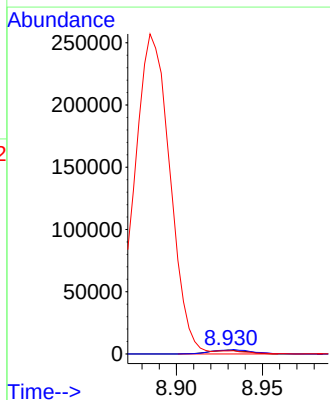
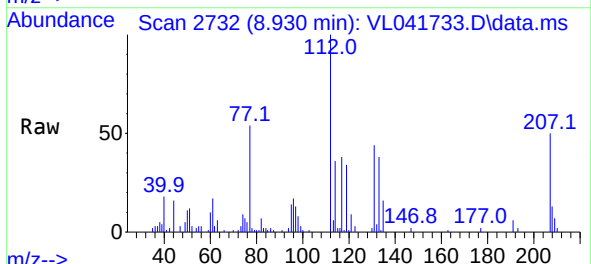
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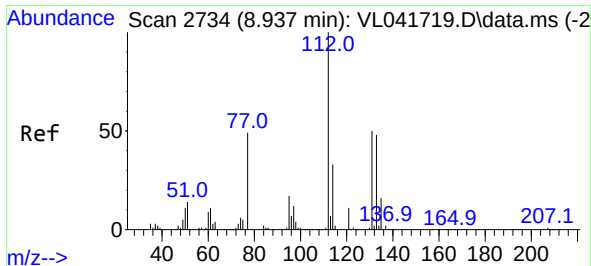
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#56
1,1,1,2-Tetrachloroethane
Concen: 0.088 ppbv
RT: 8.930 min Scan# 2732
Delta R.T. -0.010 min
Lab File: VL041733.D
Acq: 11 Dec 2024 22:05

Tgt Ion:131 Resp: 4649
Ion Ratio Lower Upper
131 100
133 119.8 76.9 115.3#
119 8053.2 52.6 78.8#





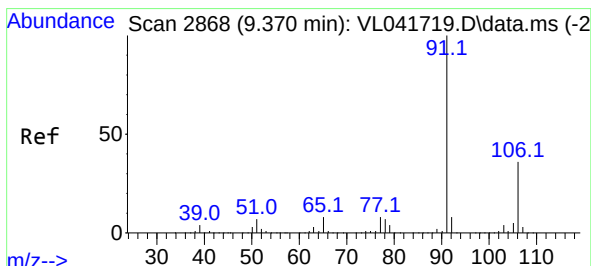
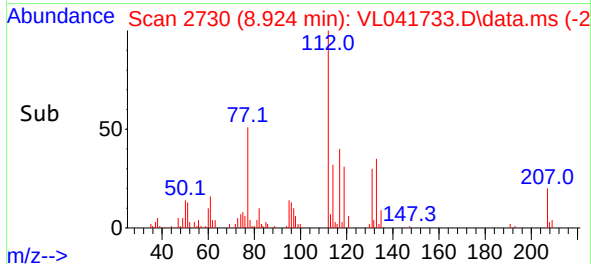
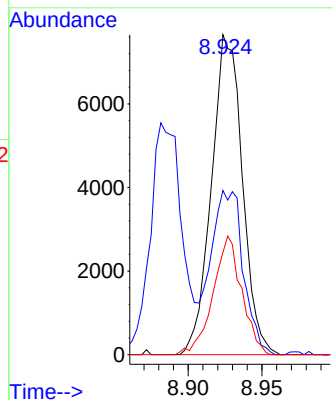
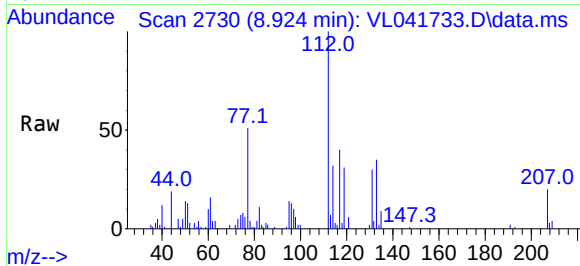
#57
Chlorobenzene
Concen: 0.108 ppbv
RT: 8.924 min Scan# 2116
Delta R.T. -0.013 min
Lab File: VL041733.D
Acq: 11 Dec 2024 22:05

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

Tgt Ion: 112 Resp: 11160
Ion Ratio Lower Upper
112 100
77 51.3 40.1 60.1
114 31.9 30.2 36.9

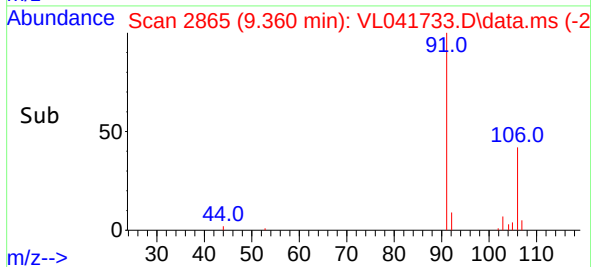
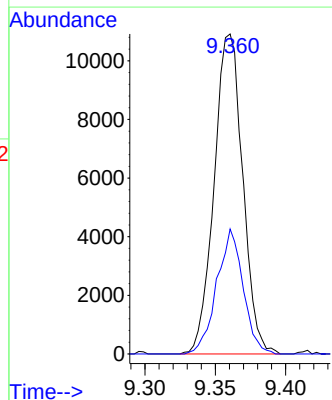
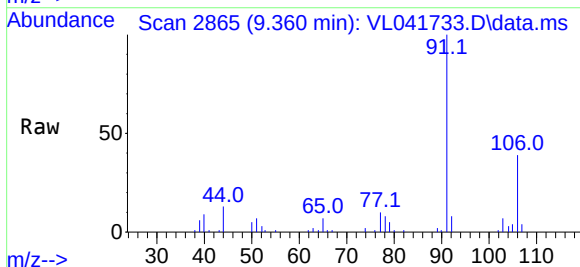
Manual Integrations
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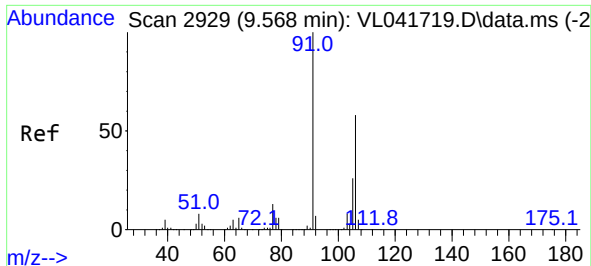
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#58
Ethyl Benzene
Concen: 0.102 ppbv
RT: 9.360 min Scan# 2865
Delta R.T. -0.010 min
Lab File: VL041733.D
Acq: 11 Dec 2024 22:05

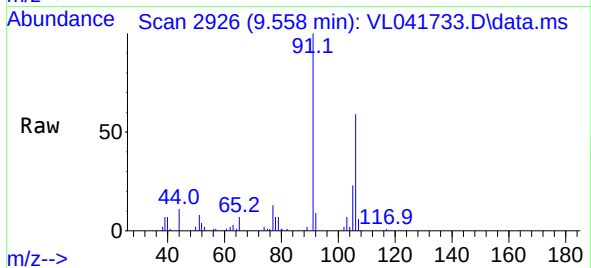
Tgt Ion: 91 Resp: 15439
Ion Ratio Lower Upper
91 100
106 39.0 28.6 43.0





#59
m/p-Xylene
Concen: 0.197 ppbv m
RT: 9.558 min Scan# 2926
Delta R.T. -0.010 min
Lab File: VL041733.D
Acq: 11 Dec 2024 22:05

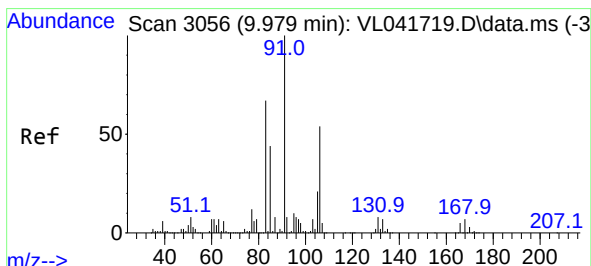
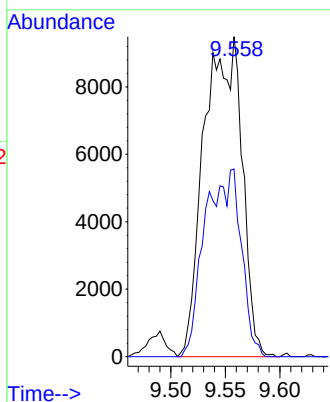
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion: 91 Resp: 22869
Ion Ratio Lower Upper
91 100
106 56.1 45.1 67.7

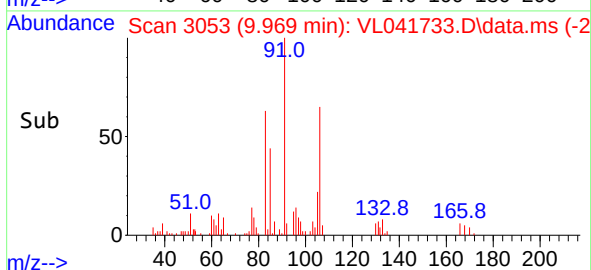
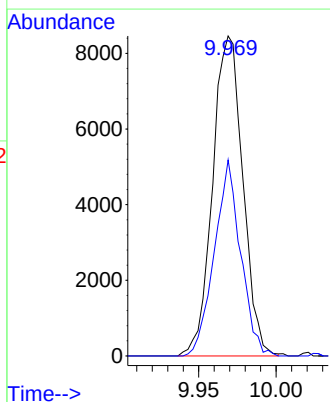
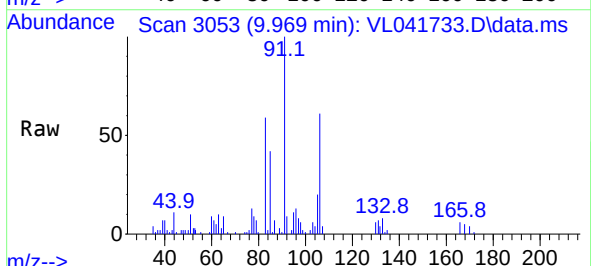
Manual Integrations
APPROVED

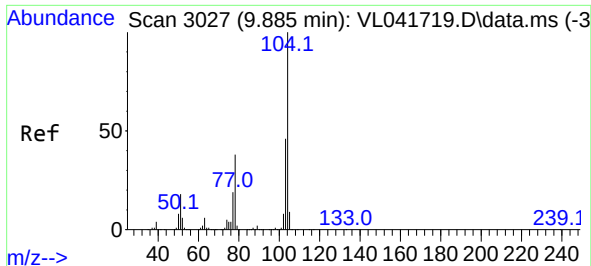
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#60
o-Xylene
Concen: 0.100 ppbv
RT: 9.969 min Scan# 3053
Delta R.T. -0.010 min
Lab File: VL041733.D
Acq: 11 Dec 2024 22:05

Tgt Ion: 91 Resp: 11482
Ion Ratio Lower Upper
91 100
106 53.3 26.8 80.4





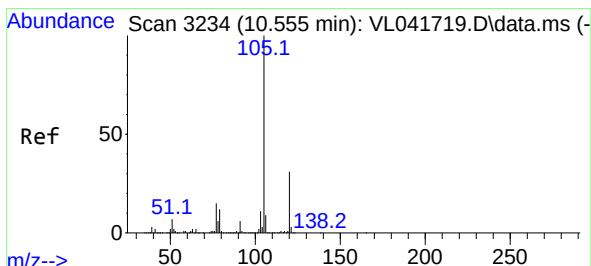
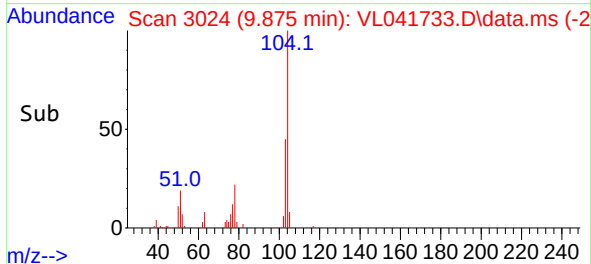
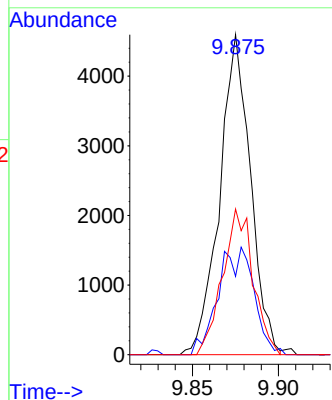
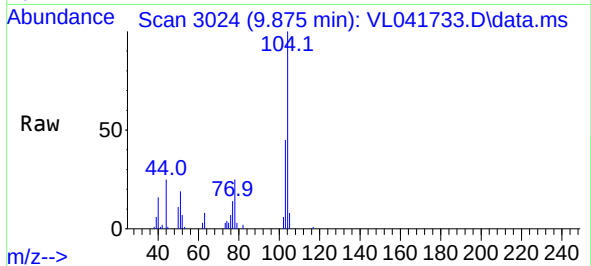
#61
Styrene
Concen: 0.090 ppbv
RT: 9.875 min Scan# 3027
Delta R.T. -0.010 min
Lab File: VL041733.D
Acq: 11 Dec 2024 22:05

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

Tgt Ion:104 Resp: 572
Ion Ratio Lower Upper
104 100
78 39.0 30.2 45.4
103 45.2 36.7 55.1

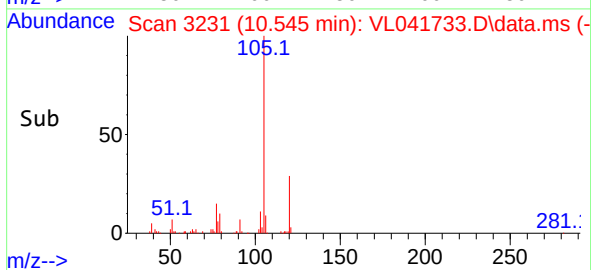
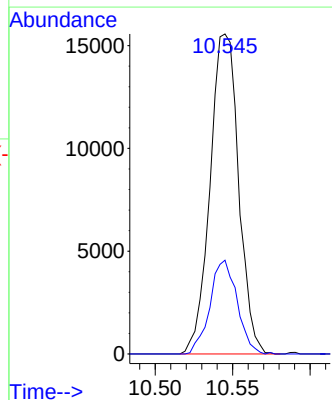
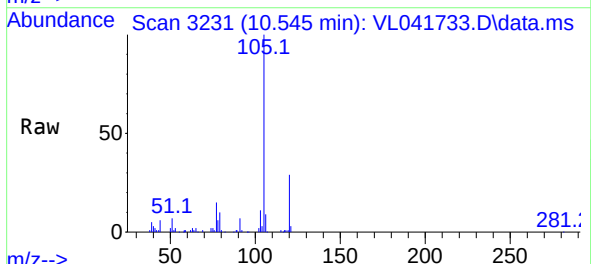
Manual Integrations
APPROVED

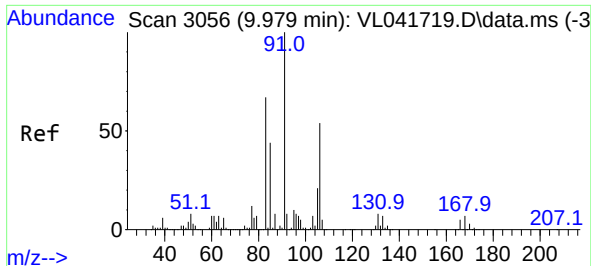
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#62
Isopropylbenzene
Concen: 0.105 ppbv
RT: 10.545 min Scan# 3231
Delta R.T. -0.010 min
Lab File: VL041733.D
Acq: 11 Dec 2024 22:05

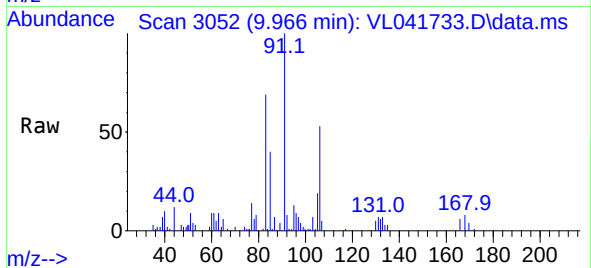
Tgt Ion:105 Resp: 19992
Ion Ratio Lower Upper
105 100
120 27.8 24.3 36.5





#63
1,1,2,2-Tetrachloroethane
Concen: 0.097 ppbv
RT: 9.966 min Scan# 3056
Delta R.T. -0.013 min
Lab File: VL041733.D
Acq: 11 Dec 2024 22:05

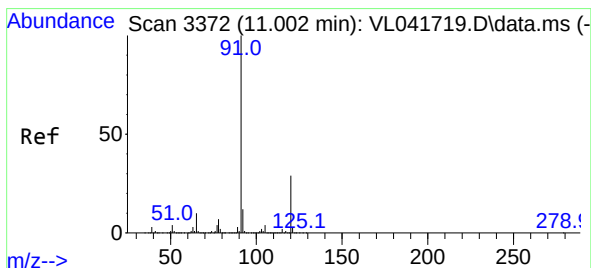
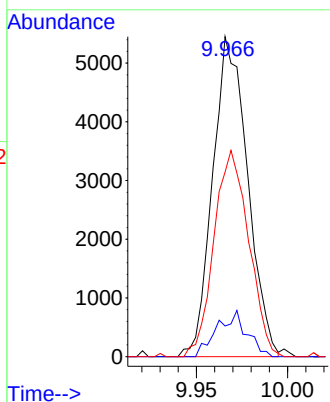
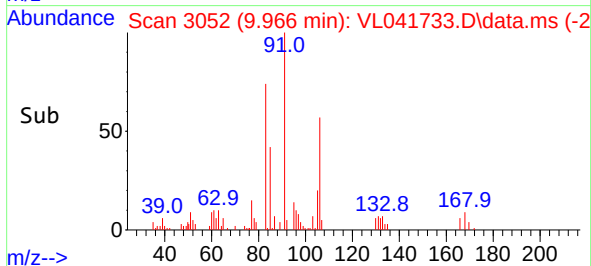
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



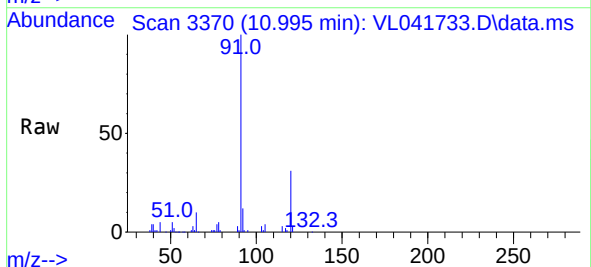
Tgt Ion: 83 Resp: 7249
Ion Ratio Lower Upper
83 100
131 12.2 5.9 17.6
85 64.4 32.8 98.4

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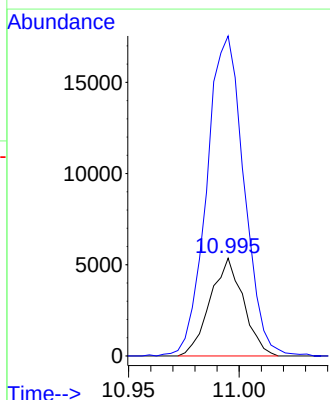
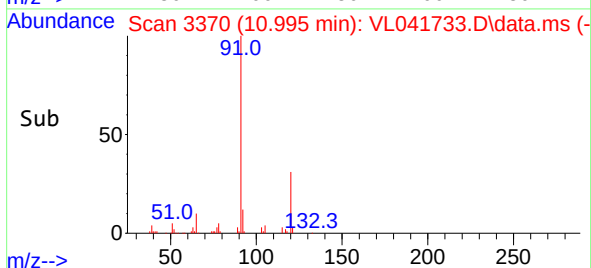
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

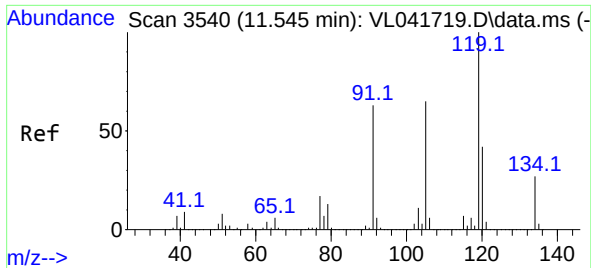


#64
n-propylbenzene
Concen: 0.100 ppbv
RT: 10.995 min Scan# 3370
Delta R.T. -0.007 min
Lab File: VL041733.D
Acq: 11 Dec 2024 22:05



Tgt Ion:120 Resp: 5613
Ion Ratio Lower Upper
120 100
91 367.1 290.8 436.2





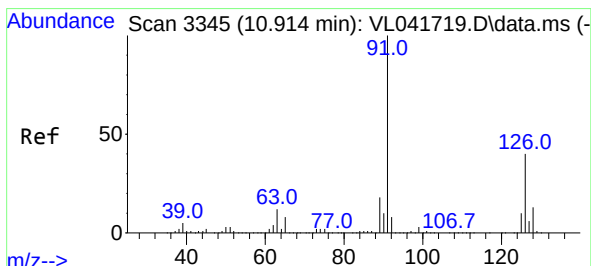
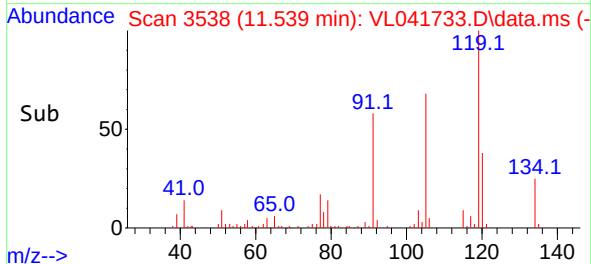
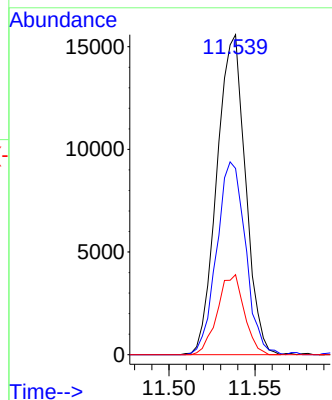
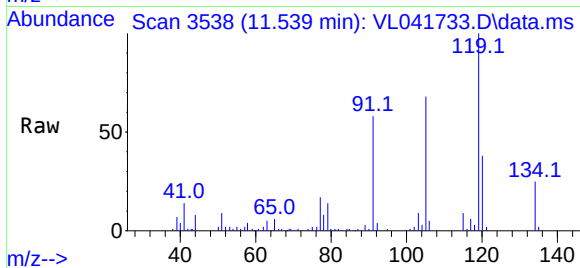
#65
tert-Butylbenzene
Concen: 0.100 ppbv
RT: 11.539 min Scan# 3538
Delta R.T. -0.007 min
Lab File: VL041733.D
Acq: 11 Dec 2024 22:05

Instrument : MSVOA_1
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024

Tgt Ion: 119 Resp: 1802
Ion Ratio Lower Upper
119 100
91 61.0 50.2 75.4
134 23.4 20.4 30.6

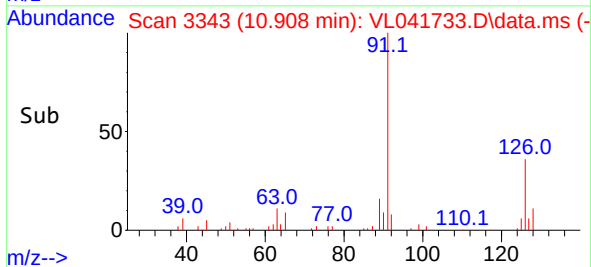
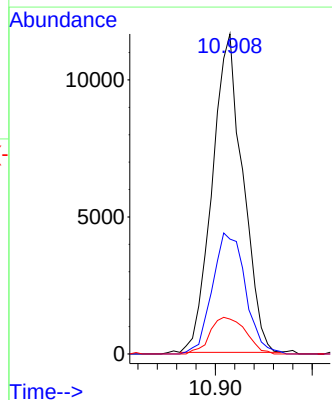
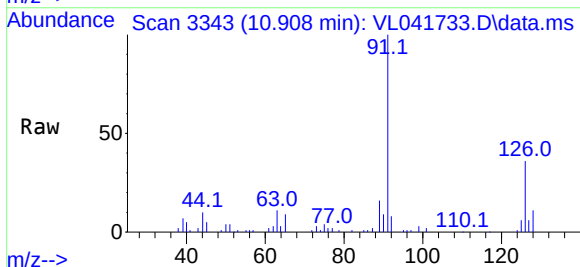
Manual Integrations
APPROVED

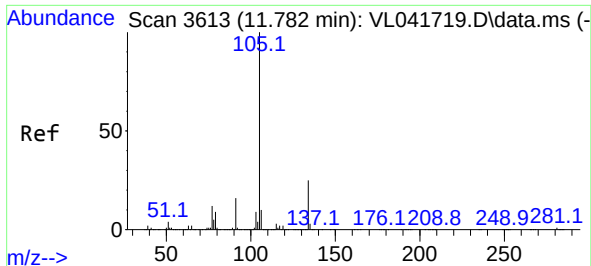
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#66
Benzyl Chloride
Concen: 0.099 ppbv
RT: 10.908 min Scan# 3343
Delta R.T. -0.007 min
Lab File: VL041733.D
Acq: 11 Dec 2024 22:05

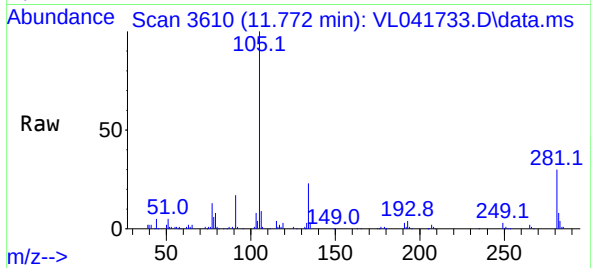
Tgt Ion: 91 Resp: 12771
Ion Ratio Lower Upper
91 100
126 41.0 31.8 47.8
128 13.4 10.3 15.5





#67
sec-Butylbenzene
Concen: 0.094 ppbv
RT: 11.772 min Scan# 30
Delta R.T. -0.010 min
Lab File: VL041733.D
Acq: 11 Dec 2024 22:05

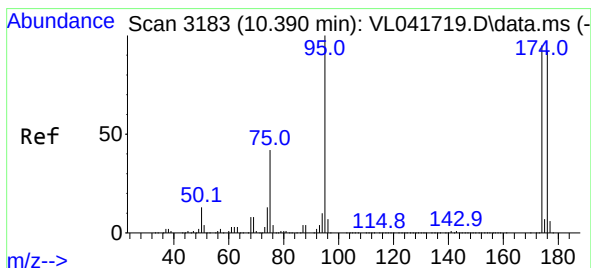
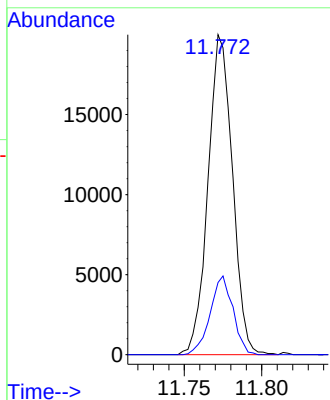
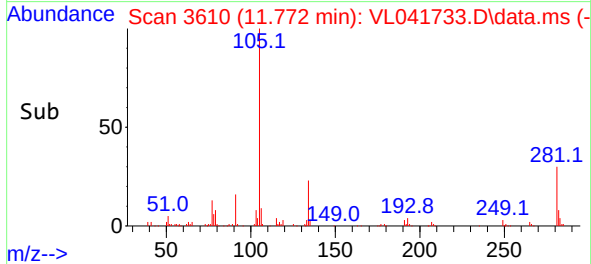
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion:105 Resp: 21934
Ion Ratio Lower Upper
105 100
134 22.9 19.3 28.9

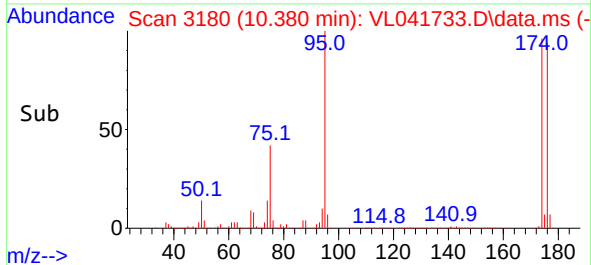
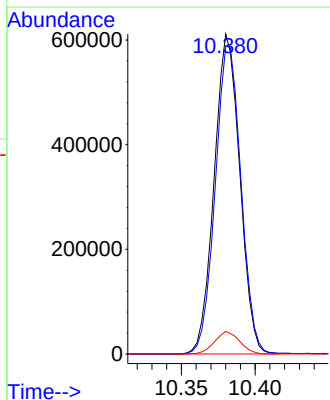
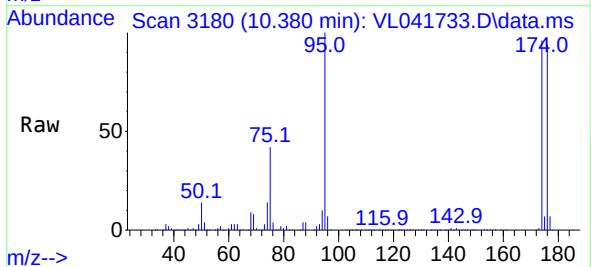
Manual Integrations
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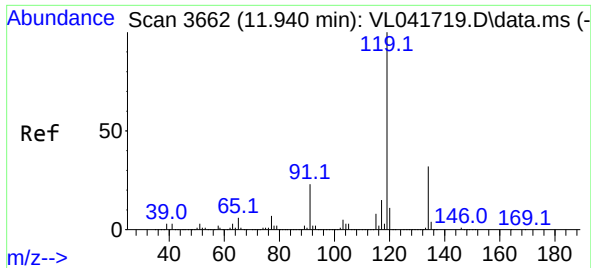
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#68
1-Bromo-4-Fluorobenzene
Concen: 9.920 ppbv
RT: 10.380 min Scan# 3180
Delta R.T. -0.010 min
Lab File: VL041733.D
Acq: 11 Dec 2024 22:05

Tgt Ion: 95 Resp: 738597
Ion Ratio Lower Upper
95 100
174 97.1 76.7 115.1
175 6.9 5.4 8.2





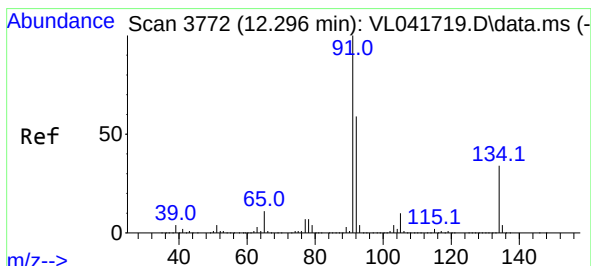
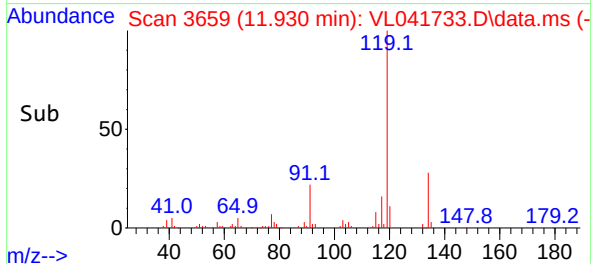
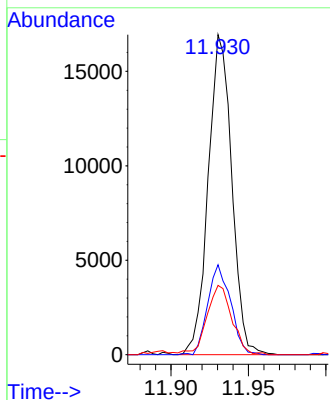
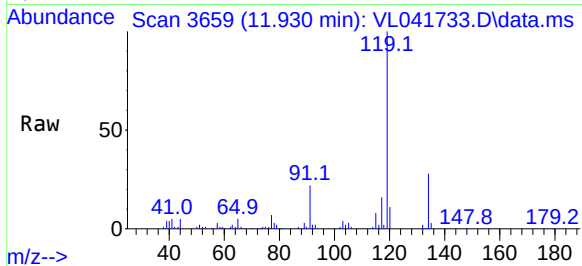
#69
p-Isopropyltoluene
Concen: 0.089 ppbv
RT: 11.930 min Scan# 30
Delta R.T. -0.010 min
Lab File: VL041733.D
Acq: 11 Dec 2024 22:05

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

Tgt Ion:119 Resp: 17890
Ion Ratio Lower Upper
119 100
134 27.3 24.6 36.8
91 24.2 17.8 26.8

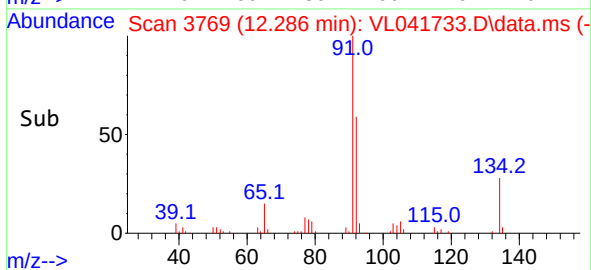
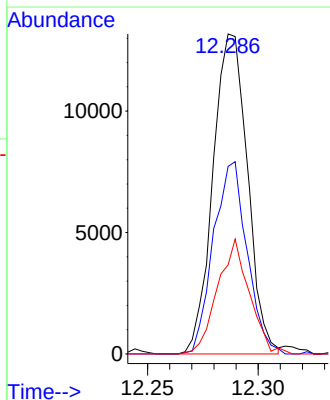
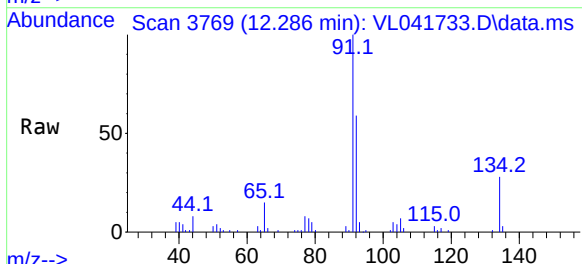
Manual Integrations
APPROVED

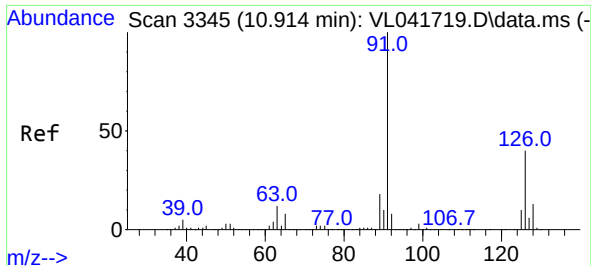
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#70
n-Butylbenzene
Concen: 0.086 ppbv
RT: 12.286 min Scan# 3769
Delta R.T. -0.010 min
Lab File: VL041733.D
Acq: 11 Dec 2024 22:05

Tgt Ion: 91 Resp: 14314
Ion Ratio Lower Upper
91 100
92 58.7 46.7 70.1
134 33.1 26.2 39.4





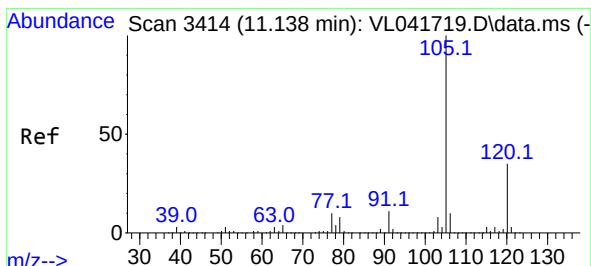
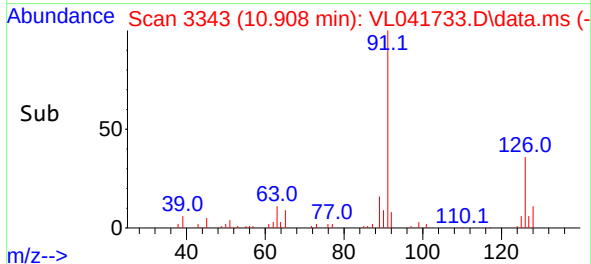
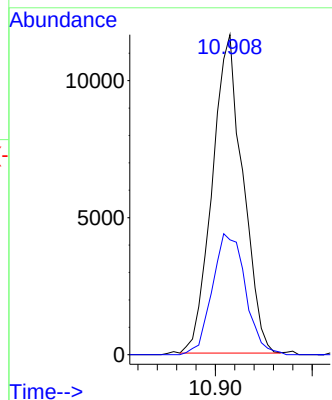
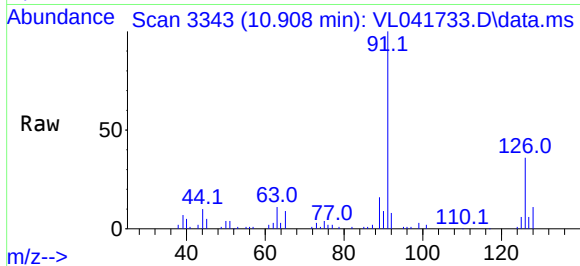
#71
2-Chlorotoluene
Concen: 0.099 ppbv
RT: 10.908 min Scan# 31
Delta R.T. -0.007 min
Lab File: VL041733.D
Acq: 11 Dec 2024 22:05

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

Tgt Ion: 91 Resp: 1277
Ion Ratio Lower Upper
91 100
126 41.0 15.9 63.7

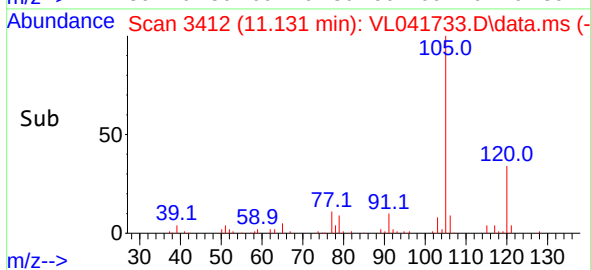
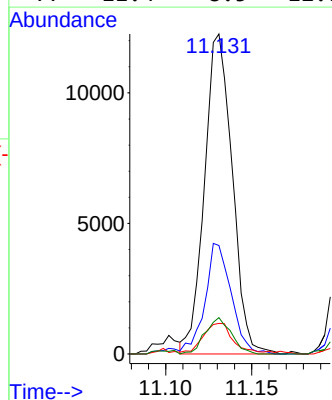
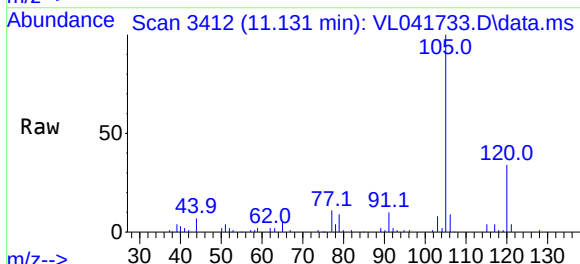
Manual Integrations
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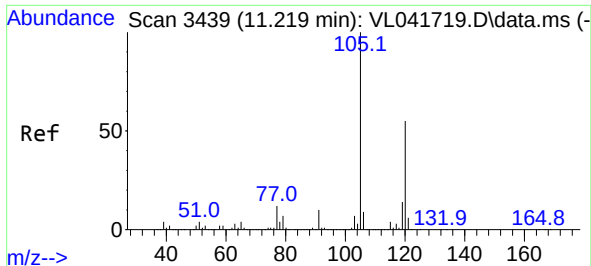
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#72
4-Ethyltoluene
Concen: 0.093 ppbv
RT: 11.131 min Scan# 3412
Delta R.T. -0.007 min
Lab File: VL041733.D
Acq: 11 Dec 2024 22:05

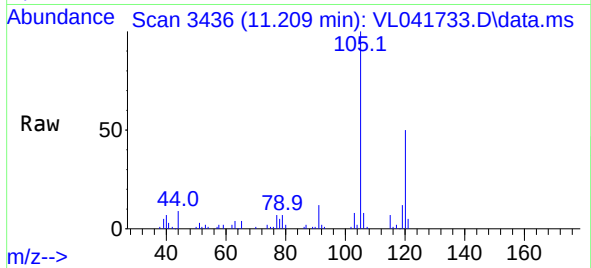
Tgt Ion:105 Resp: 13766
Ion Ratio Lower Upper
105 100
120 33.9 28.0 42.0
91 11.8 8.8 13.2
77 11.4 8.5 12.7





#73
1,3,5-Trimethylbenzene
Concen: 0.094 ppbv
RT: 11.209 min Scan# 3439
Delta R.T. -0.010 min
Lab File: VL041733.D
Acq: 11 Dec 2024 22:05

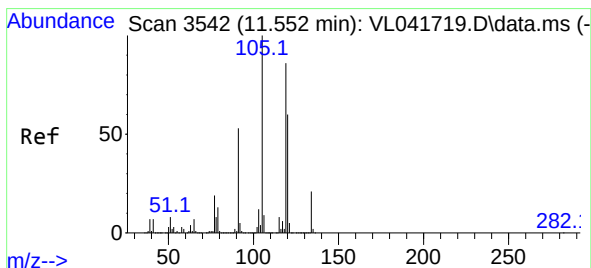
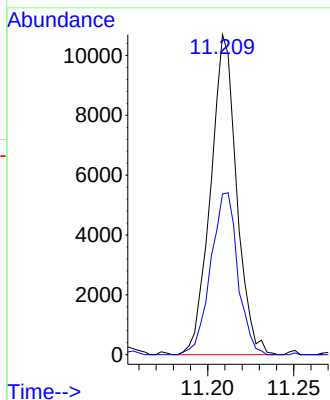
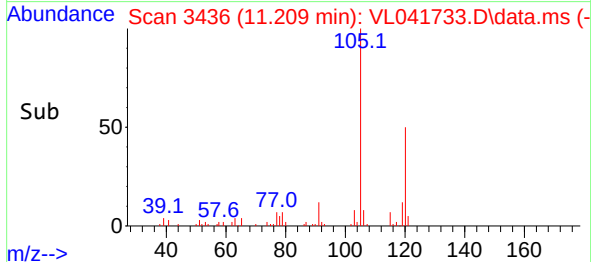
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



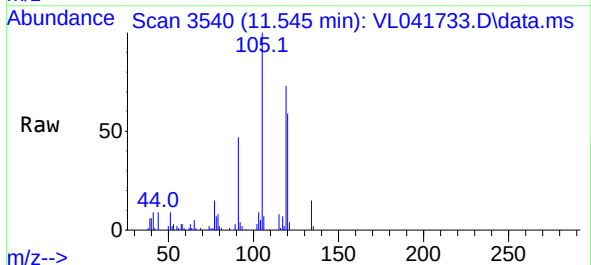
Tgt Ion:105 Resp: 1125
Ion Ratio Lower Upper
105 100
120 50.3 43.6 65.4

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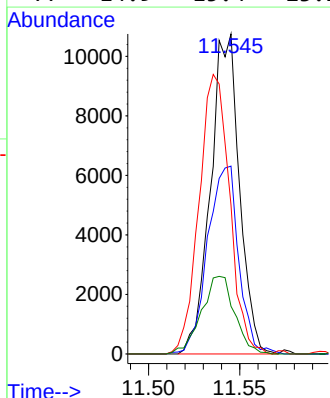
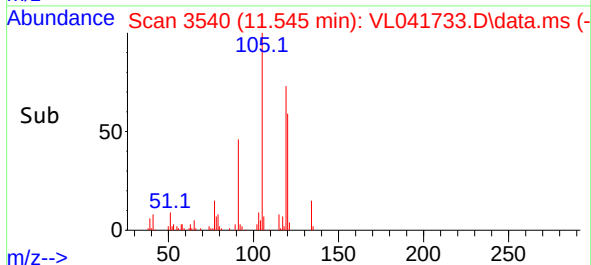
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

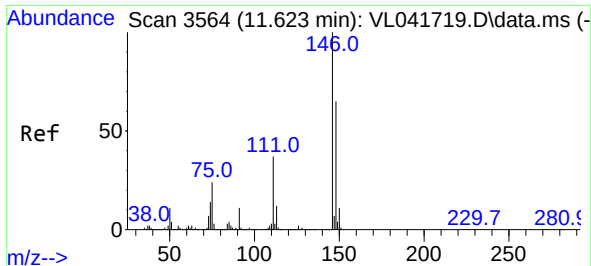


#74
1,2,4-Trimethylbenzene
Concen: 0.091 ppbv
RT: 11.545 min Scan# 3540
Delta R.T. -0.007 min
Lab File: VL041733.D
Acq: 11 Dec 2024 22:05



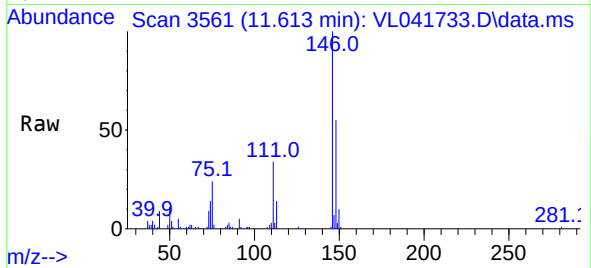
Tgt Ion:105 Resp: 11838
Ion Ratio Lower Upper
105 100
120 58.2 47.8 71.6
91 45.6 42.5 63.7
77 14.9 15.4 23.2#





#75
1,3-Dichlorobenzene
Concen: 0.104 ppbv
RT: 11.613 min Scan# 3561
Delta R.T. -0.010 min
Lab File: VL041733.D
Acq: 11 Dec 2024 22:05

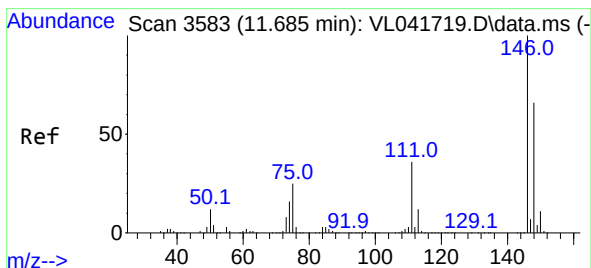
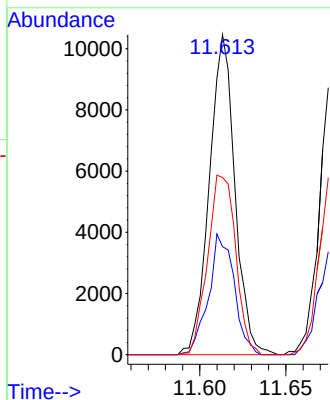
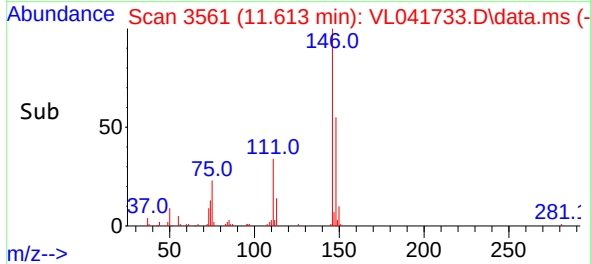
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



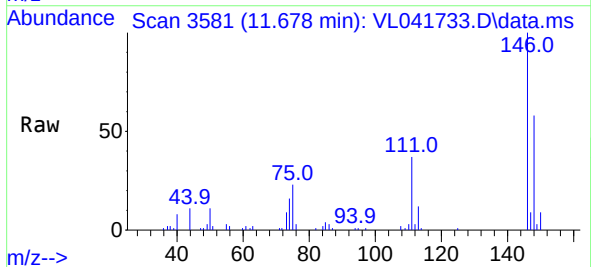
Tgt Ion:146 Resp: 10820
Ion Ratio Lower Upper
146 100
111 37.7 18.4 55.2
148 61.6 32.4 97.2

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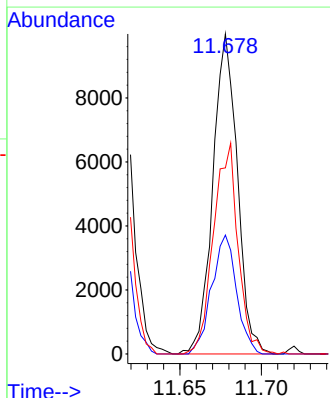
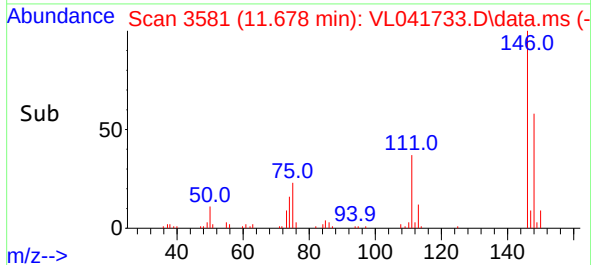
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

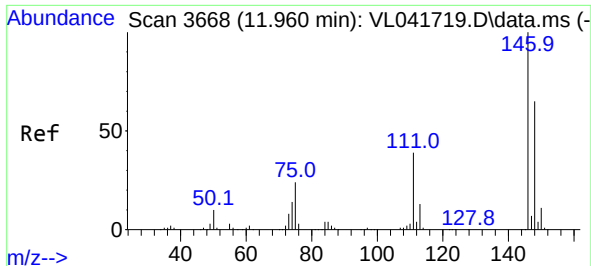


#76
1,4-Dichlorobenzene
Concen: 0.101 ppbv
RT: 11.678 min Scan# 3581
Delta R.T. -0.007 min
Lab File: VL041733.D
Acq: 11 Dec 2024 22:05



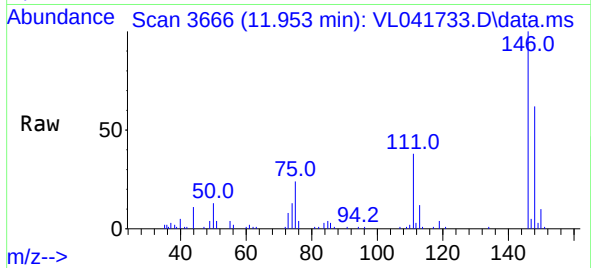
Tgt Ion:146 Resp: 10440
Ion Ratio Lower Upper
146 100
111 37.8 17.8 53.4
148 66.2 32.4 97.2





#77
1,2-Dichlorobenzene
Concen: 0.106 ppbv
RT: 11.953 min Scan# 3666
Delta R.T. -0.007 min
Lab File: VL041733.D
Acq: 11 Dec 2024 22:05

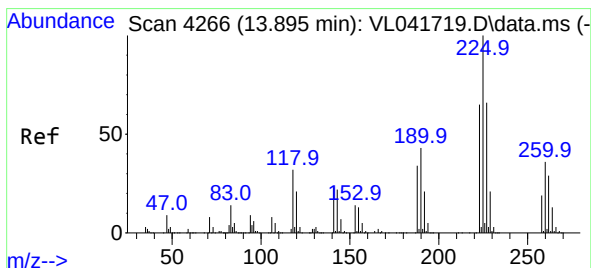
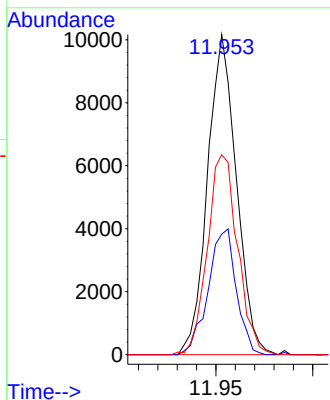
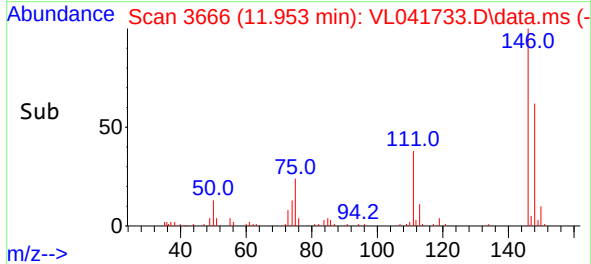
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



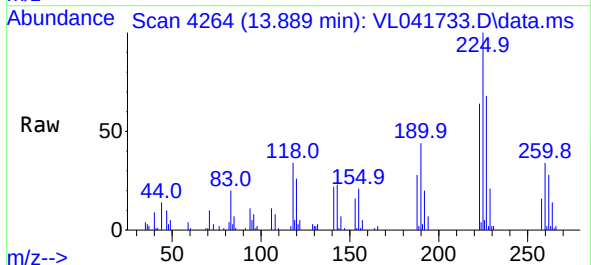
Tgt Ion:146 Resp: 10530
Ion Ratio Lower Upper
146 100
111 38.4 19.2 57.6
148 65.4 32.4 97.2

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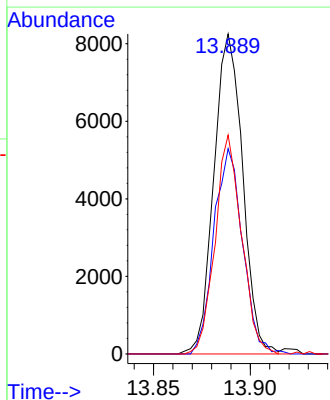
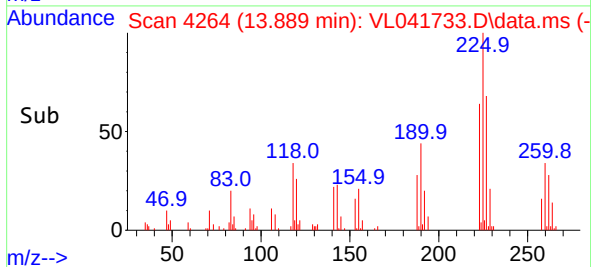
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

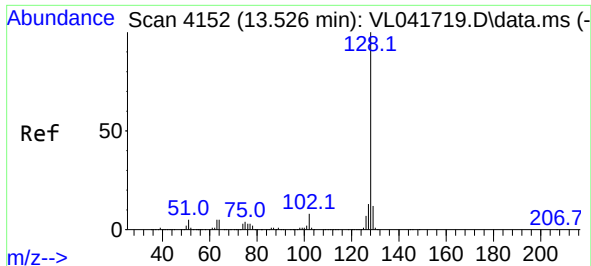


#78
Hexachloro-1,3-Butadiene
Concen: 0.105 ppbv
RT: 13.889 min Scan# 4264
Delta R.T. -0.007 min
Lab File: VL041733.D
Acq: 11 Dec 2024 22:05



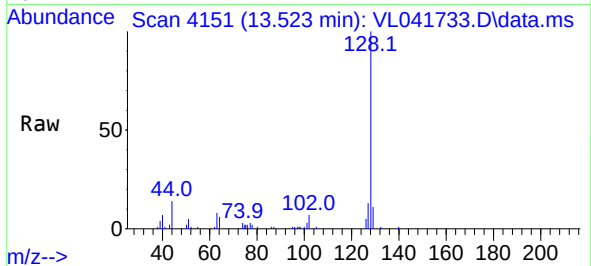
Tgt Ion:225 Resp: 8527
Ion Ratio Lower Upper
225 100
223 64.0 51.1 76.7
227 62.9 51.8 77.6





#79
Naphthalene
Concen: 0.084 ppbv
RT: 13.523 min Scan# 4151
Delta R.T. -0.003 min
Lab File: VL041733.D
Acq: 11 Dec 2024 22:05

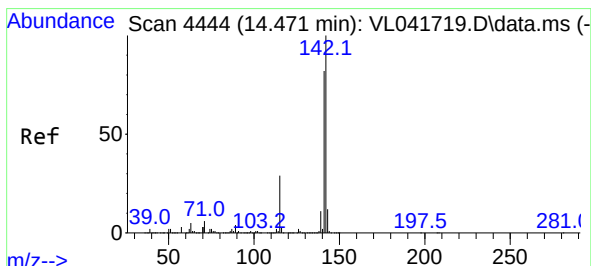
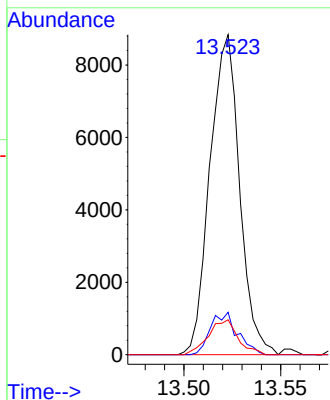
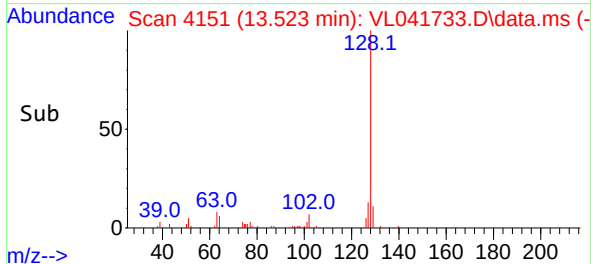
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



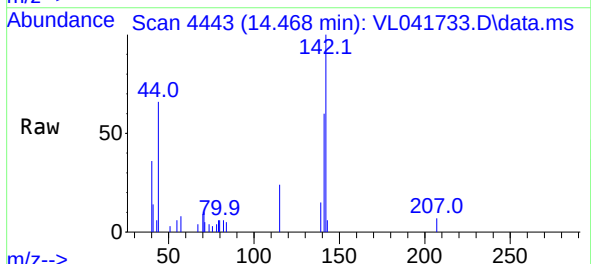
Tgt Ion:128 Resp: 941
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.2
129 10.9 9.4 14.0

Manual Integrations
APPROVED

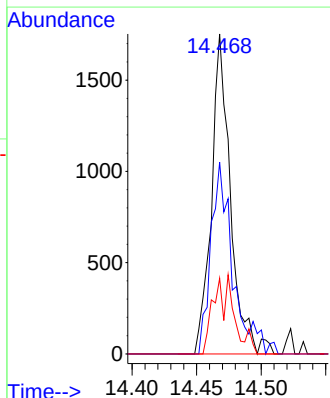
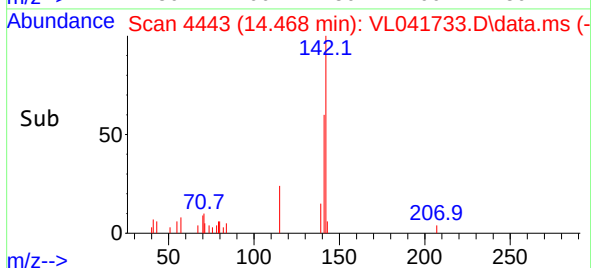
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

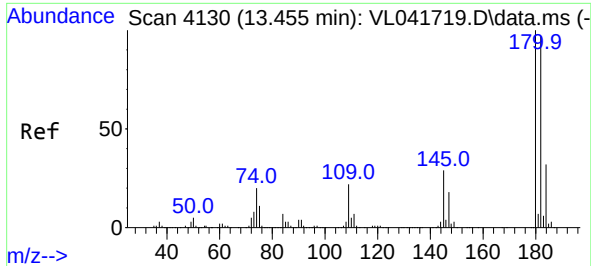


#80
Naphthalene,2-methyl-
Concen: 0.044 ppbv
RT: 14.468 min Scan# 4443
Delta R.T. -0.003 min
Lab File: VL041733.D
Acq: 11 Dec 2024 22:05



Tgt Ion:142 Resp: 1801
Ion Ratio Lower Upper
142 100
141 68.9 66.0 99.0
115 26.5 22.8 34.2





#81
1,2,4-Trichlorobenzene
Concen: 0.100 ppbv
RT: 13.448 min Scan# 41
Delta R.T. -0.007 min
Lab File: VL041733.D
Acq: 11 Dec 2024 22:05

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

Tgt Ion:	180	Resp:	702
Ion	Ratio	Lower	Upper
180	100		
182	98.8	77.2	115.8
184	32.3	25.2	37.8

Manual Integrations
APPROVED

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

