

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121124\
 Data File : VL041732.D
 Acq On : 11 Dec 2024 21:34
 Operator : SY/MD
 Sample : P4368-13 0.40
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Dec 12 06:01:30 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	2.793	49	263665	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	1303460	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.891	117	1150616	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.387	95	753530	9.962	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.502	85	28638	0.619	ppbv	100
3) Chlorodifluoromethane	1.476	51	15409	0.429	ppbv	94
4) Chloromethane	1.534	50	7303	0.595	ppbv	99
5) Vinyl Chloride	1.583	62	8564	0.569	ppbv	97
6) Bromomethane	1.670	94	6048	0.613	ppbv	89
7) Chloroethane	1.706	64	3732	0.570	ppbv	93
8) Dichlorotetrafluoroethane	1.557	85	24833	0.658	ppbv	93
9) Propene	1.486	41	7784	0.509	ppbv	87
10) Heptane	4.991	43	18330	0.433	ppbv	99
11) Trichlorofluoromethane	1.881	101	29834	0.560	ppbv	99
12) 1,1,2-Trichlorotrifluo...	2.146	101	25867	0.539	ppbv	95
13) Ethanol	1.722	45	853	0.674	ppbv	83
14) Bromoethene	1.787	108	10781	0.613	ppbv	95
15) Acetone	1.839	43	21328	0.701	ppbv	92
16) 1,3-Butadiene	1.612	39	6295	0.616	ppbv	98
17) tert-Butyl alcohol	2.043	59	22337	0.506	ppbv #	93
18) 1,1-Dichloroethene	2.725	96	14985	0.420	ppbv	95
19) Isopropyl Alcohol	1.887	45	24919	0.862	ppbv #	30
20) Methylene Chloride	2.065	84	12252	0.664	ppbv	97
21) Allyl Chloride	2.101	41	8700	0.508	ppbv	96
22) trans-1,2-Dichloroethene	2.039	96	12356	0.567	ppbv	86
23) Vinyl Acetate	2.467	43	6213m	0.337	ppbv	
24) 1,1-Dichloroethane	2.412	63	18288	0.533	ppbv	98
25) Ethyl Acetate	4.991	43	18330	0.433	ppbv #	98
26) Hexane	2.836	57	17906	0.436	ppbv	97
27) Carbon Disulfide	2.156	76	18958	0.449	ppbv #	81
28) Methyl tert-Butyl Ether	2.444	73	15293	0.497	ppbv	96
29) Chloroform	2.852	83	26941	0.429	ppbv	92
30) Cyclohexane	3.871	84	19865m	0.431	ppbv	
31) cis-1,2-Dichloroethene	2.039	61	15334	0.514	ppbv	85
32) 1,1,1-Trichloroethane	3.376	97	24248	0.393	ppbv	98
34) 2-Butanone	2.560	43	19485	0.427	ppbv	97
35) Carbon Tetrachloride	3.774	117	23192	0.382	ppbv	98
36) Benzene	3.664	78	45305	0.442	ppbv	99
37) 1,2-Dichloroethane	3.224	62	16101	0.435	ppbv	100
38) Trichloroethene	4.557	130	22916	0.431	ppbv	90
39) 1,2-Dichloropropane	4.328	63	14297	0.438	ppbv	88
40) 1,4-Dioxane	4.612	88	8082	0.410	ppbv #	41
41) Tetrahydrofuran	3.069	42	11434	0.416	ppbv	96
42) Bromodichloromethane	4.493	83	20930	0.350	ppbv	97
43) Methyl Methacrylate	4.894	69	14613	0.396	ppbv	98
44) 2,2,4-Trimethylpentane	4.655	57	62401	0.437	ppbv	99
45) t-1,3-Dichloropropene	5.613	75	17445	0.365	ppbv	92

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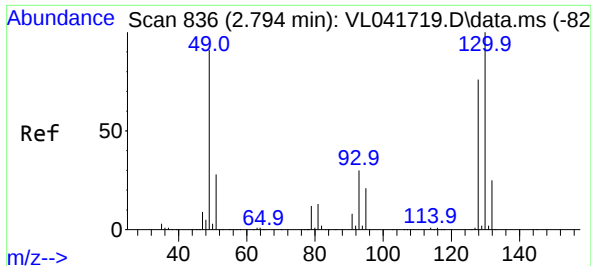
Quant Time: Dec 12 06:01:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121124AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	6.431	75	12350m	0.343	ppbv	
47) 1,1,2-Trichloroethane	6.593	97	17164	0.395	ppbv	95
48) Dibromochloromethane	7.399	129	19035	0.304	ppbv	98
49) Bromoform	9.493	173	16901	0.282	ppbv	97
50) 4-Methyl-2-Pentanone	5.781	43	26100	0.399	ppbv	97
51) 2-Hexanone	7.457	43	20977	0.390	ppbv #	99
52) Tetrachloroethene	8.237	164	22345	0.412	ppbv	97
53) Toluene	6.943	91	52732	0.419	ppbv	98
54) 1,2-Dibromoethane	7.668	107	23742	0.399	ppbv	97
56) 1,1,1,2-Tetrachloroethane	8.937	131	20069	0.375	ppbv #	1
57) Chlorobenzene	8.933	112	45707	0.437	ppbv	97
58) Ethyl Benzene	9.367	91	64390	0.418	ppbv	96
59) m/p-Xylene	9.561	91	98252m	0.833	ppbv	
60) o-Xylene	9.972	91	48141	0.412	ppbv	98
61) Styrene	9.878	104	23610	0.366	ppbv	98
62) Isopropylbenzene	10.548	105	81179	0.421	ppbv	97
63) 1,1,2,2-Tetrachloroethane	9.976	83	29902	0.395	ppbv	98
64) n-propylbenzene	10.998	120	22827	0.402	ppbv	87
65) tert-Butylbenzene	11.542	119	76722	0.419	ppbv	97
66) Benzyl Chloride	10.911	91	55416	0.422	ppbv	98
67) sec-Butylbenzene	11.778	105	100712	0.425	ppbv	96
69) p-Isopropyltoluene	11.937	119	81076	0.397	ppbv	98
70) n-Butylbenzene	12.293	91	67085	0.396	ppbv	96
71) 2-Chlorotoluene	10.911	91	55416	0.422	ppbv	98
72) 4-Ethyltoluene	11.134	105	61757	0.409	ppbv	97
73) 1,3,5-Trimethylbenzene	11.215	105	48362	0.396	ppbv	98
74) 1,2,4-Trimethylbenzene	11.545	105	50936	0.383	ppbv #	90
75) 1,3-Dichlorobenzene	11.617	146	45085	0.425	ppbv	99
76) 1,4-Dichlorobenzene	11.681	146	44696	0.426	ppbv	99
77) 1,2-Dichlorobenzene	11.956	146	43709	0.435	ppbv	97
78) Hexachloro-1,3-Butadiene	13.895	225	34927	0.423	ppbv	99
79) Naphthalene	13.523	128	41577	0.366	ppbv	99
80) Naphthalene,2-methyl-	14.471	142	6240	0.152	ppbv	98
81) 1,2,4-Trichlorobenzene	13.452	180	27121	0.379	ppbv	98

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 2.793 min Scan# 81

Delta R.T. -0.001 min

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Tgt Ion: 49 Resp: 26366

Ion Ratio Lower Upper

49 100

128 87.5 42.8 128.3

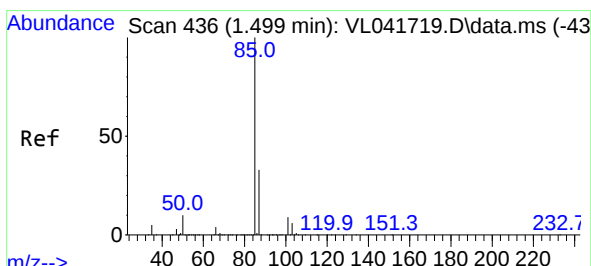
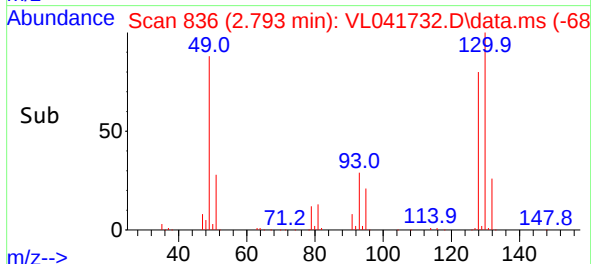
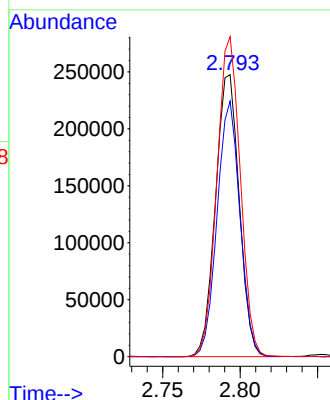
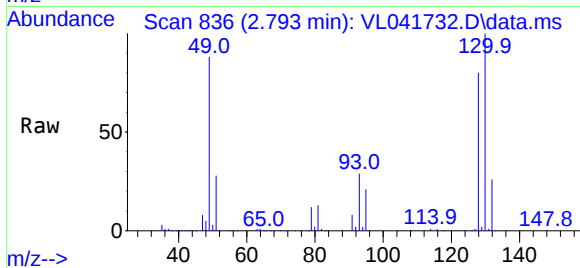
130 112.0 55.8 167.4

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 0.619 ppbv

RT: 1.502 min Scan# 437

Delta R.T. 0.003 min

Lab File: VL041732.D

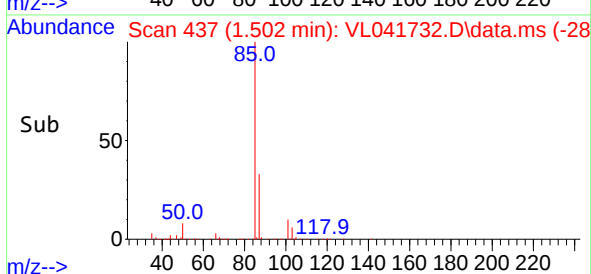
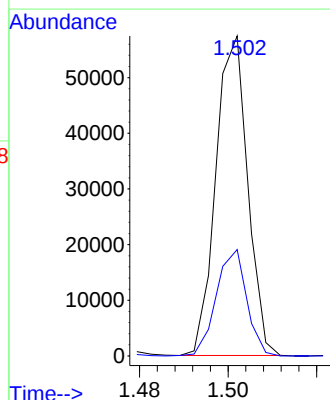
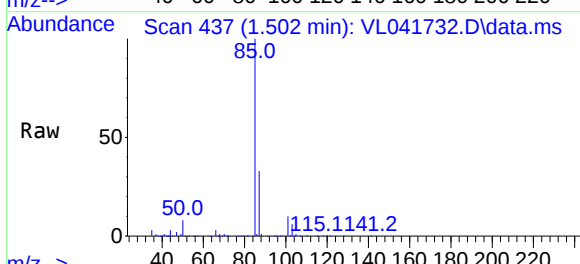
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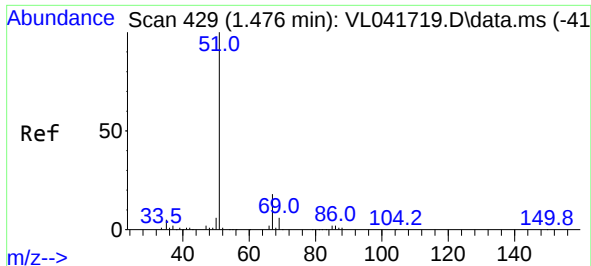
Tgt Ion: 85 Resp: 28638

Ion Ratio Lower Upper

85 100

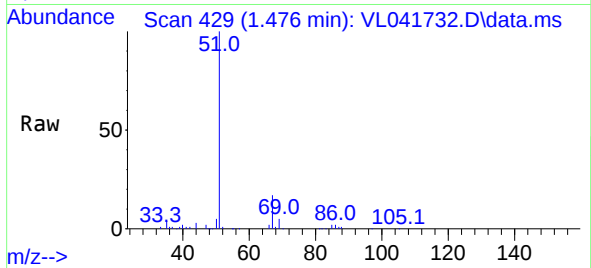
87 33.3 26.6 39.8





#3
Chlorodifluoromethane
Concen: 0.429 ppbv
RT: 1.476 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL041732.D
Acq: 11 Dec 2024 21:34

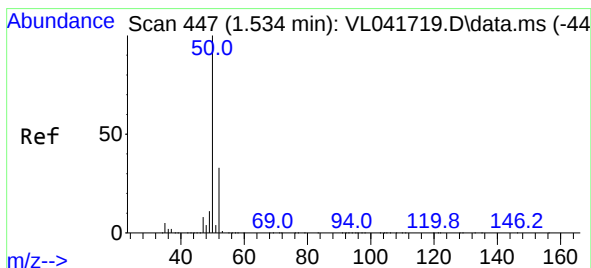
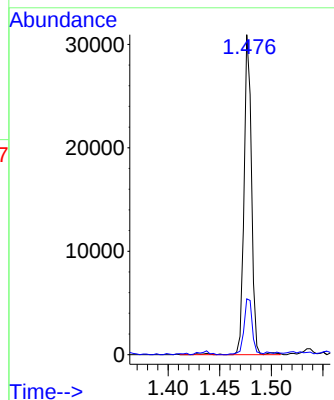
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



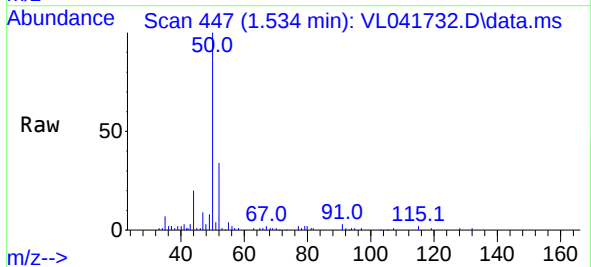
Tgt Ion: 51 Resp: 15409
Ion Ratio Lower Upper
51 100
67 20.7 14.6 21.8

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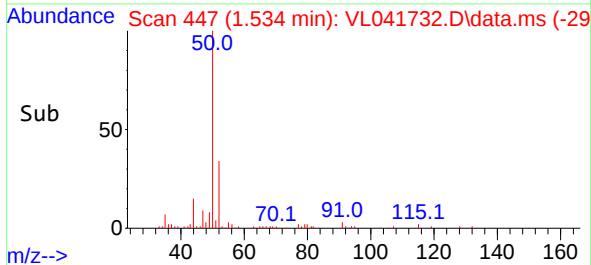
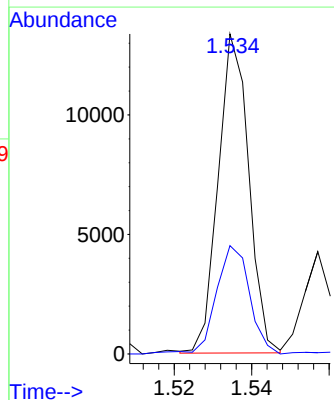
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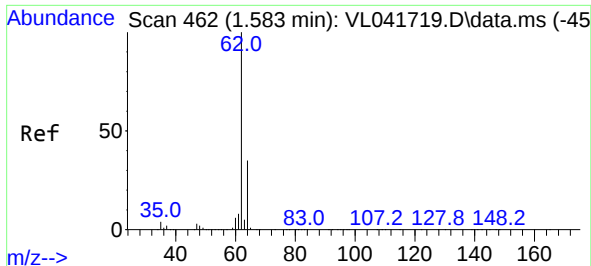


#4
Chloromethane
Concen: 0.595 ppbv
RT: 1.534 min Scan# 447
Delta R.T. -0.000 min
Lab File: VL041732.D
Acq: 11 Dec 2024 21:34



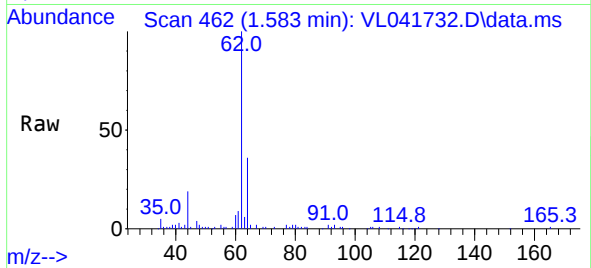
Tgt Ion: 50 Resp: 7303
Ion Ratio Lower Upper
50 100
52 34.1 26.6 40.0





#5
Vinyl Chloride
Concen: 0.569 ppbv
RT: 1.583 min Scan# 40
Delta R.T. -0.000 min
Lab File: VL041732.D
Acq: 11 Dec 2024 21:34

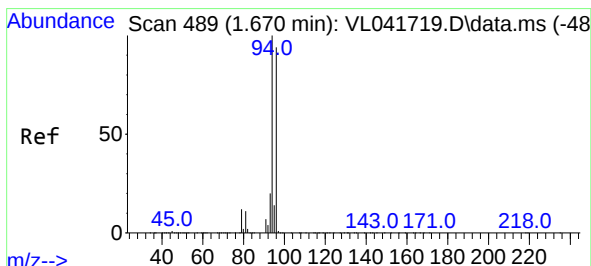
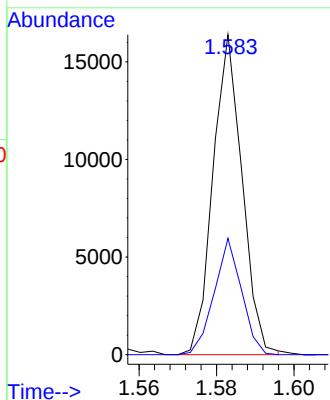
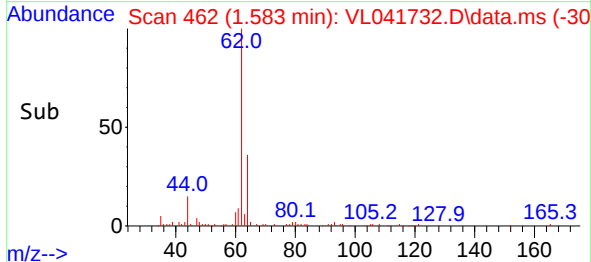
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion: 62 Resp: 856
Ion Ratio Lower Upper
62 100
64 36.3 27.6 41.4

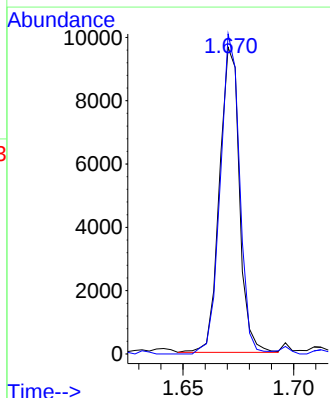
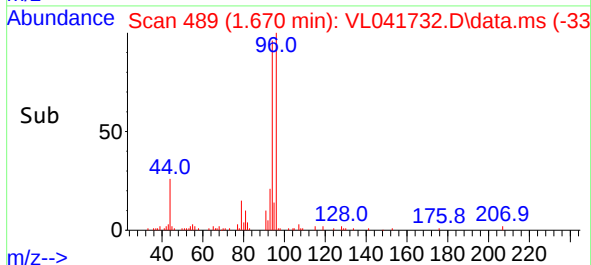
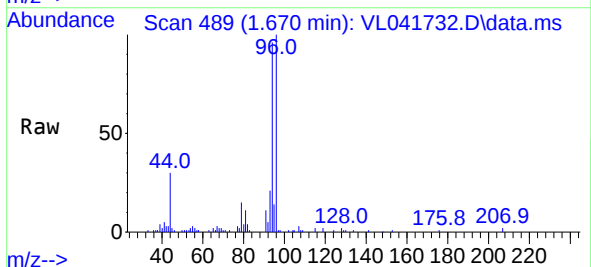
Manual Integrations
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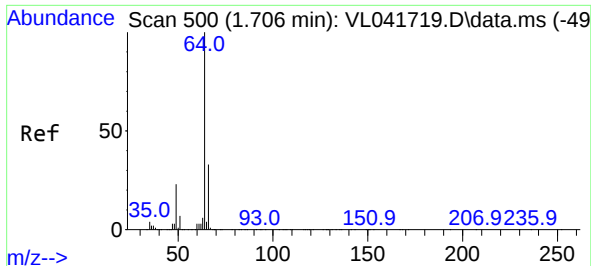
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#6
Bromomethane
Concen: 0.613 ppbv
RT: 1.670 min Scan# 489
Delta R.T. -0.000 min
Lab File: VL041732.D
Acq: 11 Dec 2024 21:34

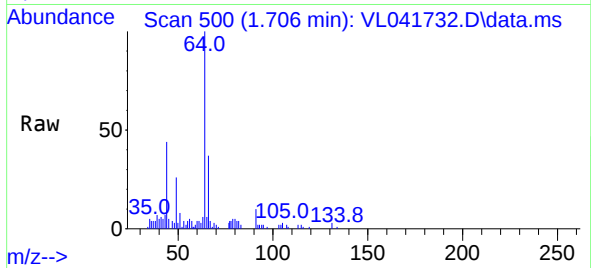
Tgt Ion: 94 Resp: 6048
Ion Ratio Lower Upper
94 100
96 105.0 75.4 113.0





#7
Chloroethane
Concen: 0.570 ppbv
RT: 1.706 min Scan# 500
Delta R.T. -0.000 min
Lab File: VL041732.D
Acq: 11 Dec 2024 21:34

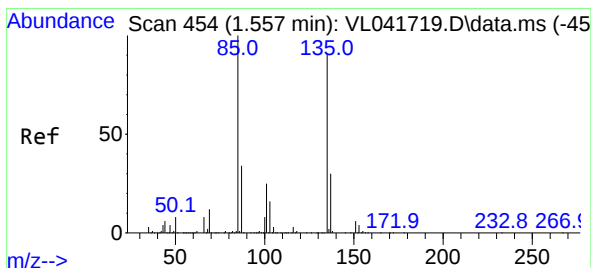
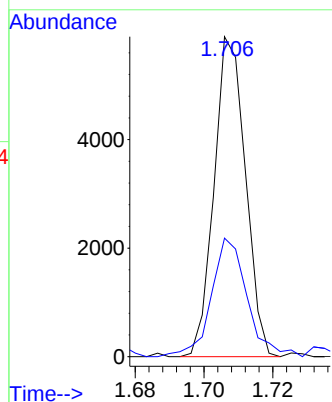
Instrument :
MSVOA_L
ClientSampleId :
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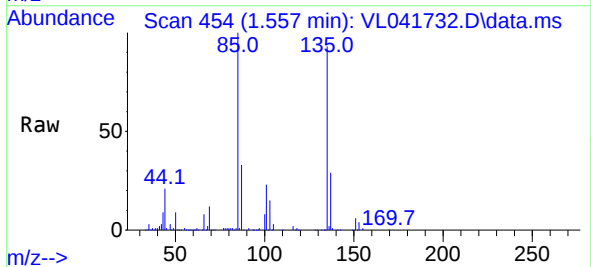
Tgt Ion: 64 Resp: 3732
Ion Ratio Lower Upper
64 100
66 37.1 26.5 39.7

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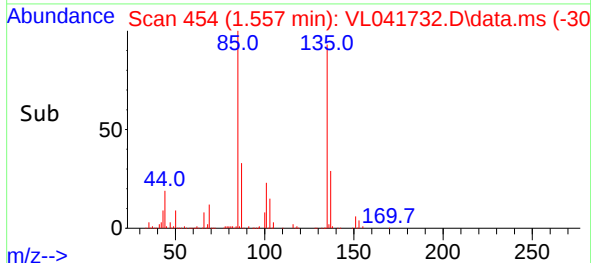
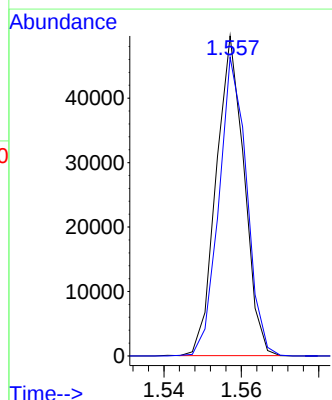
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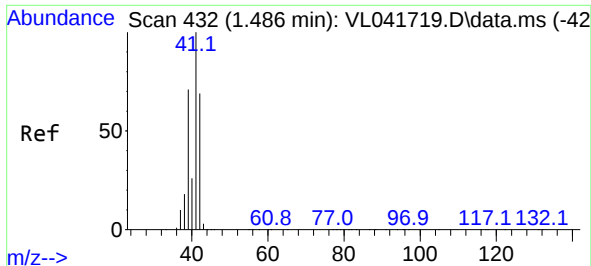


#8
Dichlorotetrafluoroethane
Concen: 0.658 ppbv
RT: 1.557 min Scan# 454
Delta R.T. -0.000 min
Lab File: VL041732.D
Acq: 11 Dec 2024 21:34



Tgt Ion: 85 Resp: 24833
Ion Ratio Lower Upper
85 100
135 92.9 69.0 103.6





#9

Propene

Concen: 0.509 ppbv

RT: 1.486 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL041732.D

Acq: 11 Dec 2024 21:34

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT4-2024

Tgt Ion: 41 Resp: 7784

Ion Ratio Lower Upper

41 100

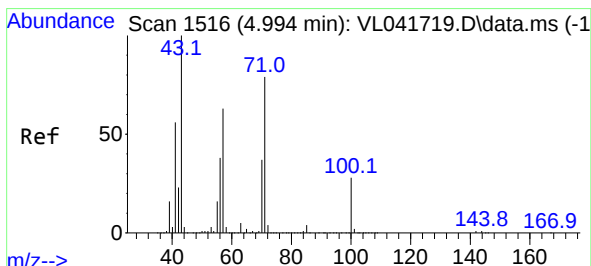
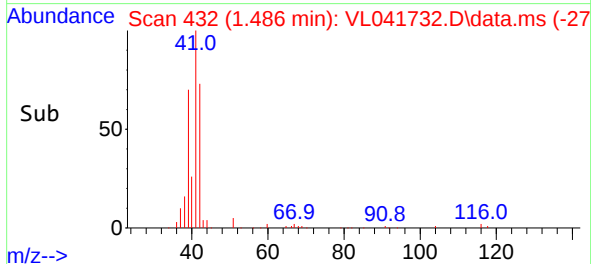
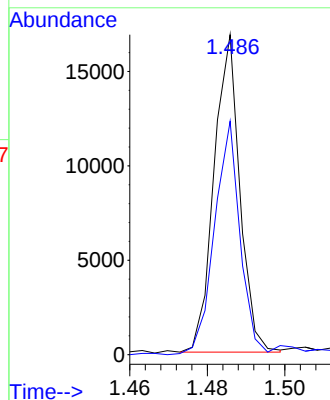
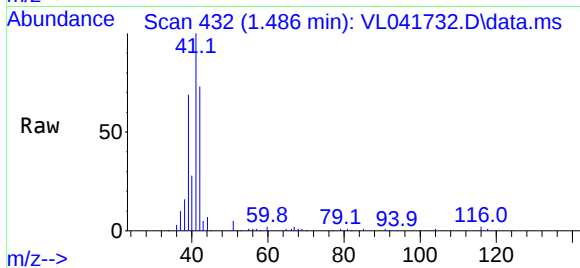
42 81.1 56.2 84.4

Manual Integrations

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Supervised By :Semsettin Yesilyurt 12/13/2024



#10

Heptane

Concen: 0.433 ppbv

RT: 4.991 min Scan# 1515

Delta R.T. -0.003 min

Lab File: VL041732.D

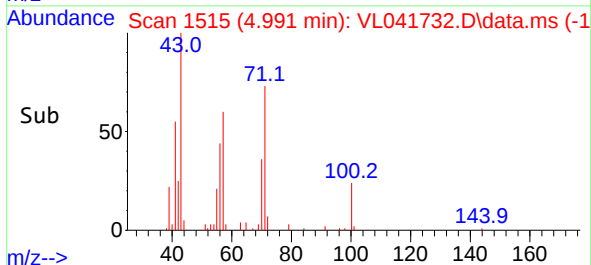
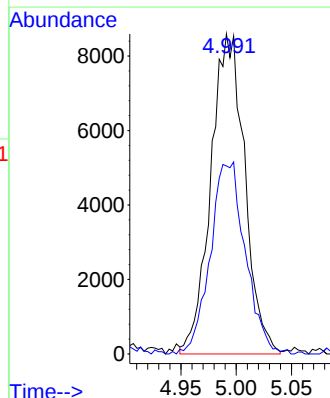
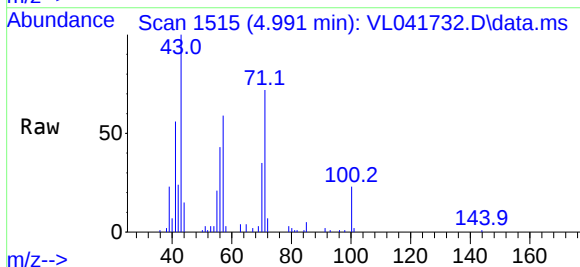
Acq: 11 Dec 2024 21:34

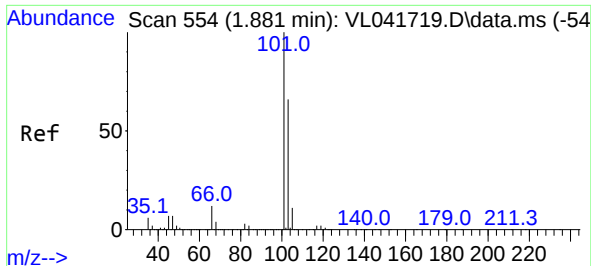
Tgt Ion: 43 Resp: 18330

Ion Ratio Lower Upper

43 100

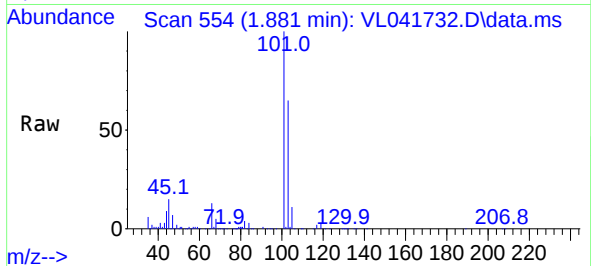
57 62.1 50.5 75.7





#11
Trichlorofluoromethane
Concen: 0.560 ppbv
RT: 1.881 min Scan# 511
Delta R.T. -0.000 min
Lab File: VL041732.D
Acq: 11 Dec 2024 21:34

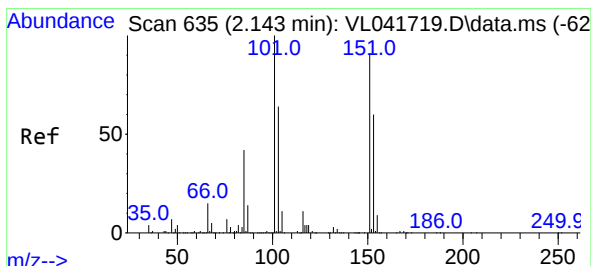
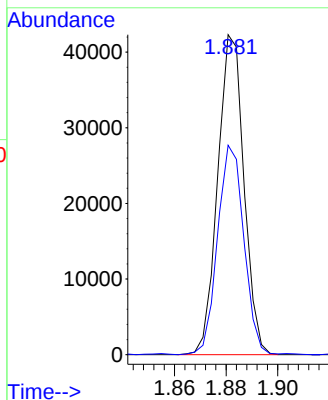
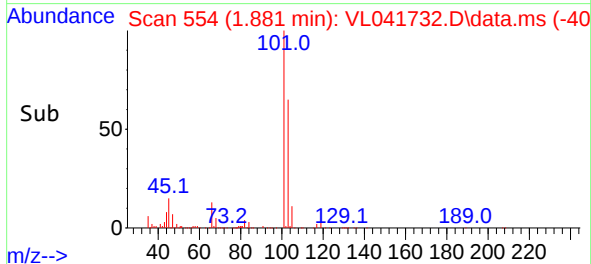
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



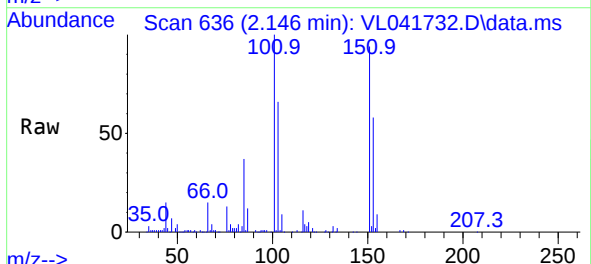
Tgt Ion:101 Resp: 29834
Ion Ratio Lower Upper
101 100
103 65.5 52.7 79.1

Manual Integrations
APPROVED

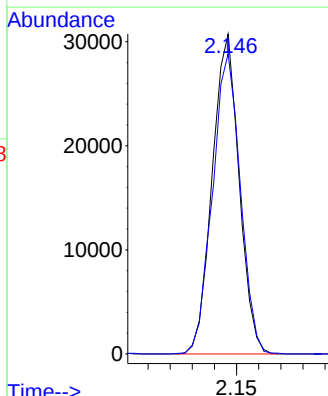
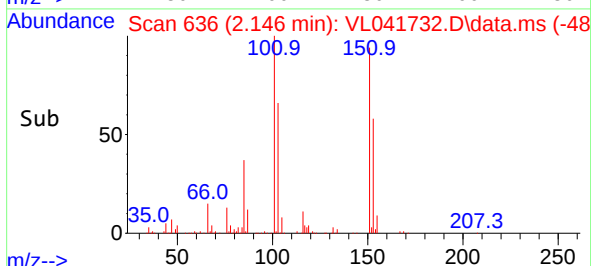
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

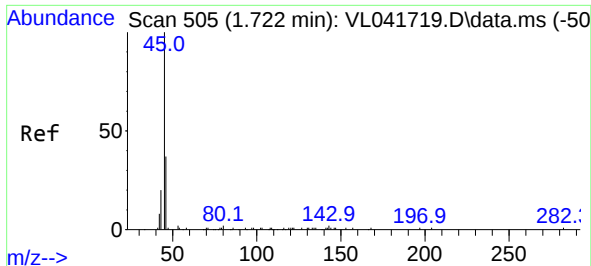


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.539 ppbv
RT: 2.146 min Scan# 636
Delta R.T. 0.003 min
Lab File: VL041732.D
Acq: 11 Dec 2024 21:34



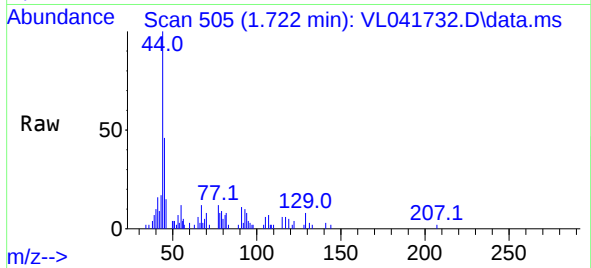
Tgt Ion:101 Resp: 25867
Ion Ratio Lower Upper
101 100
151 97.5 74.4 111.6





#13
Ethanol
Concen: 0.674 ppbv
RT: 1.722 min Scan# 505
Delta R.T. -0.000 min
Lab File: VL041732.D
Acq: 11 Dec 2024 21:34

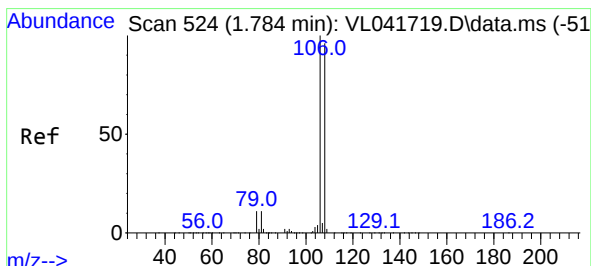
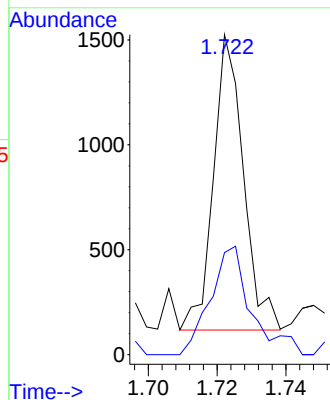
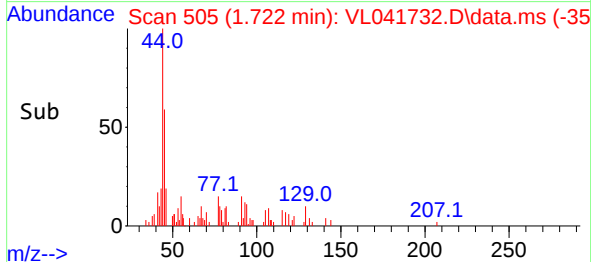
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



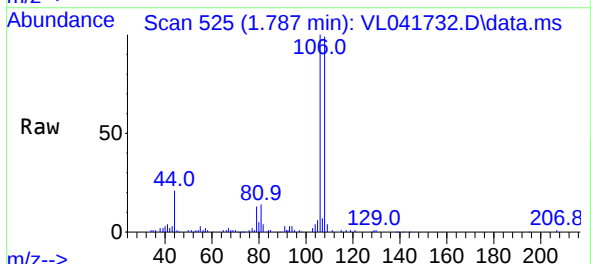
Tgt Ion: 45 Resp: 85
Ion Ratio Lower Upper
45 100
46 52.4 16.6 66.6

Manual Integrations
APPROVED

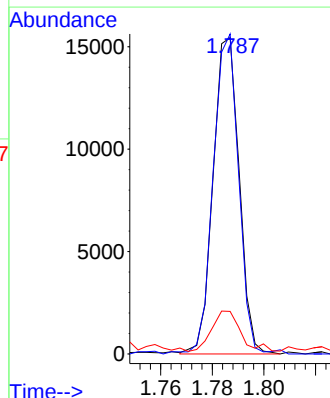
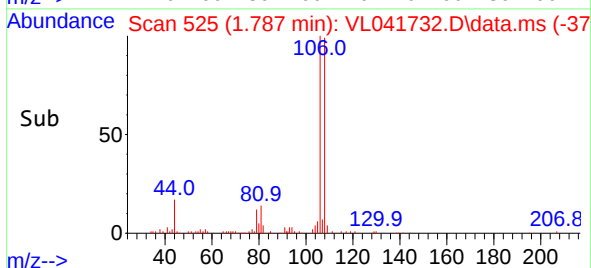
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

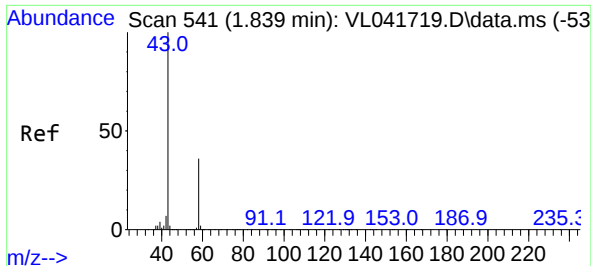


#14
Bromoethene
Concen: 0.613 ppbv
RT: 1.787 min Scan# 525
Delta R.T. 0.003 min
Lab File: VL041732.D
Acq: 11 Dec 2024 21:34



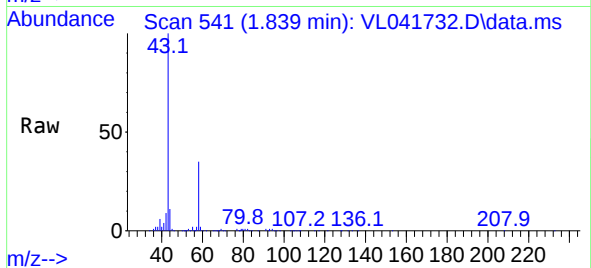
Tgt Ion:108 Resp: 10781
Ion Ratio Lower Upper
108 100
106 99.3 83.5 125.3
79 13.8 9.3 13.9





#15
Acetone
Concen: 0.701 ppbv
RT: 1.839 min Scan# 541
Delta R.T. -0.000 min
Lab File: VL041732.D
Acq: 11 Dec 2024 21:34

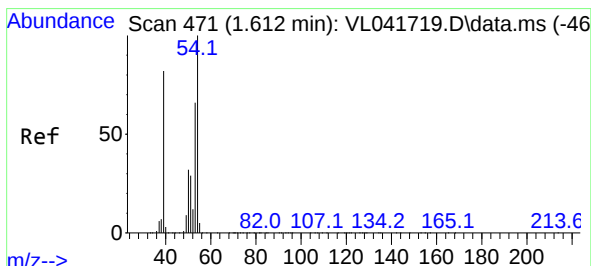
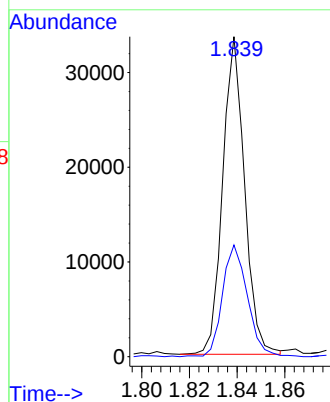
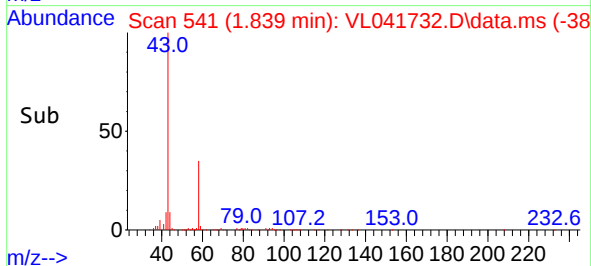
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



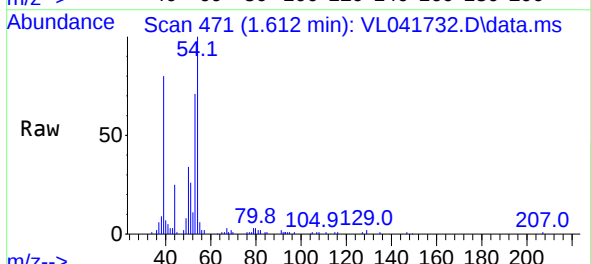
Tgt Ion: 43 Resp: 21328
Ion Ratio Lower Upper
43 100
58 40.7 28.9 43.3

Manual Integrations
APPROVED

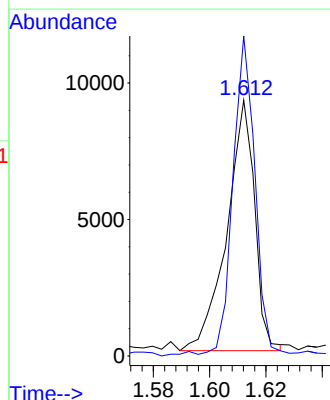
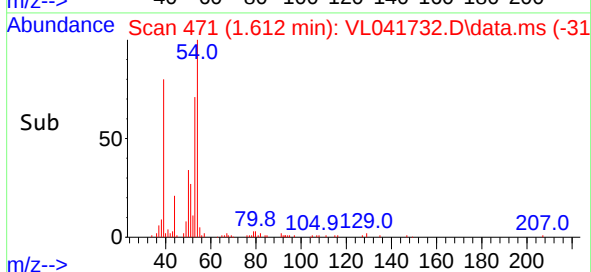
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

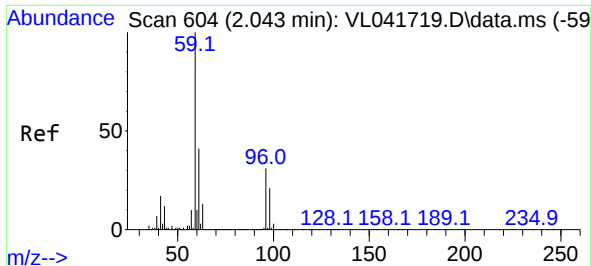


#16
1,3-Butadiene
Concen: 0.616 ppbv
RT: 1.612 min Scan# 471
Delta R.T. -0.000 min
Lab File: VL041732.D
Acq: 11 Dec 2024 21:34



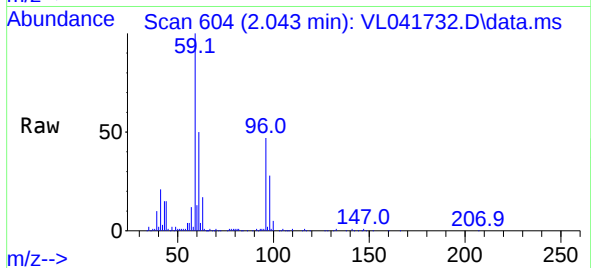
Tgt Ion: 39 Resp: 6295
Ion Ratio Lower Upper
39 100
54 108.6 85.0 127.6





#17
tert-Butyl alcohol
Concen: 0.506 ppbv
RT: 2.043 min Scan# 604
Delta R.T. -0.000 min
Lab File: VL041732.D
Acq: 11 Dec 2024 21:34

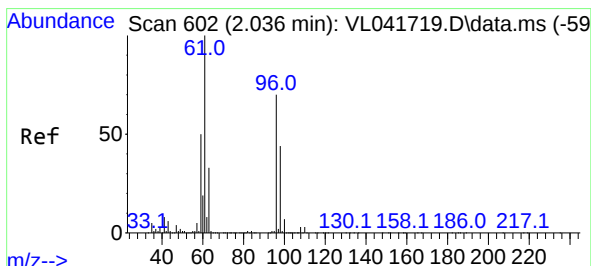
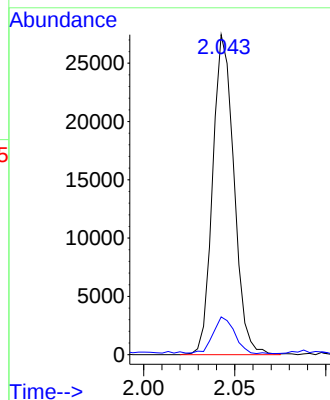
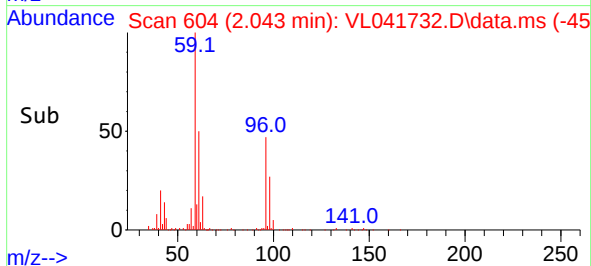
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



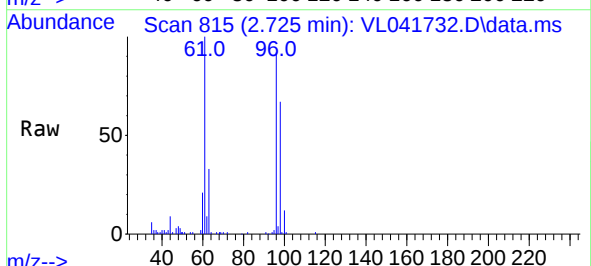
Tgt Ion: 59 Resp: 2233
Ion Ratio Lower Upper
59 100
57 12.8 8.2 12.4

Manual Integrations
APPROVED

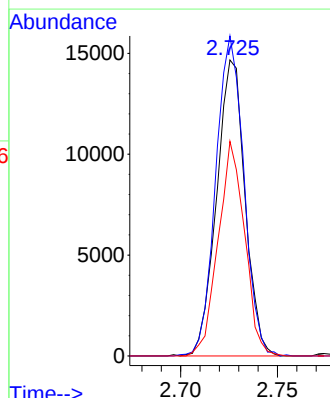
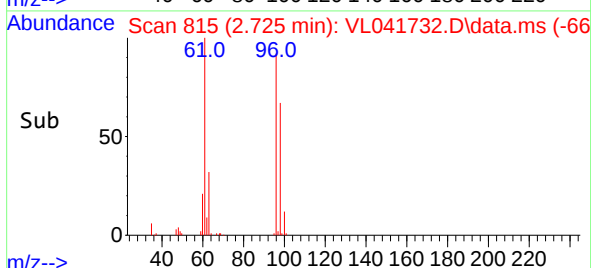
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

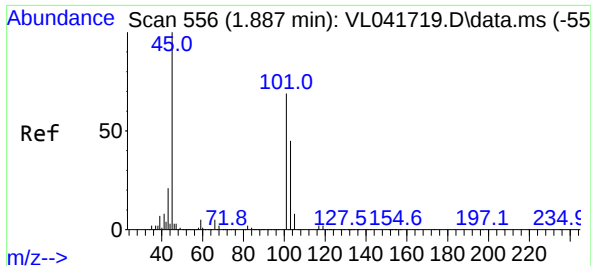


#18
1,1-Dichloroethene
Concen: 0.420 ppbv
RT: 2.725 min Scan# 815
Delta R.T. -0.000 min
Lab File: VL041732.D
Acq: 11 Dec 2024 21:34



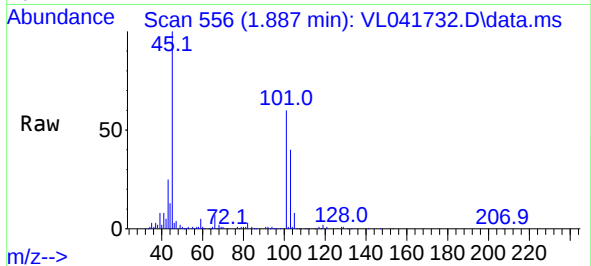
Tgt Ion: 96 Resp: 14985
Ion Ratio Lower Upper
96 100
61 108.1 84.8 127.2
98 72.5 51.2 76.8





#19
Isopropyl Alcohol
Concen: 0.862 ppbv
RT: 1.887 min Scan# 556
Delta R.T. -0.000 min
Lab File: VL041732.D
Acq: 11 Dec 2024 21:34

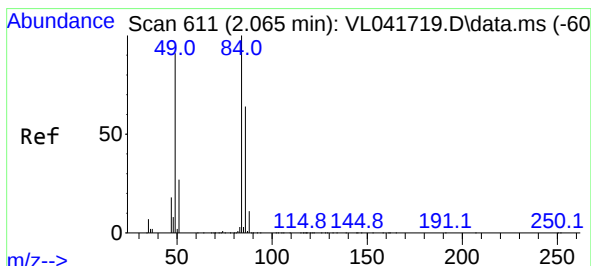
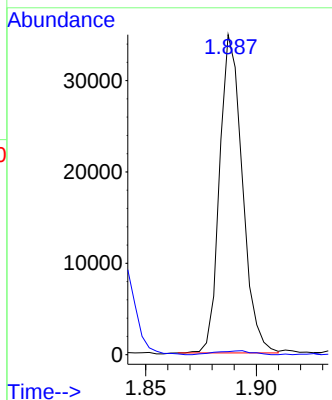
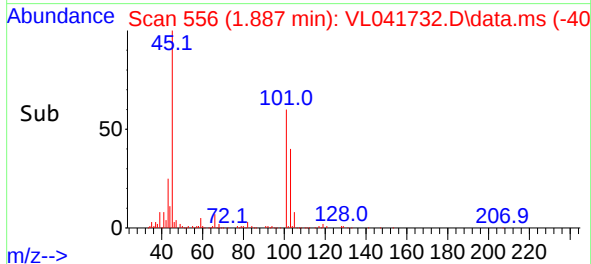
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



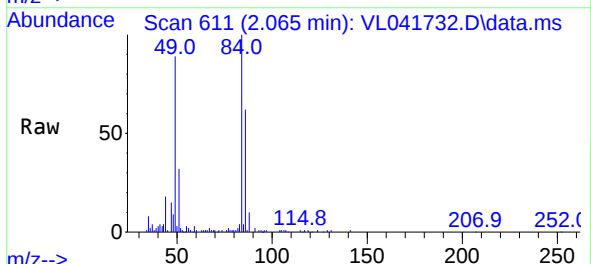
Tgt Ion: 45 Resp: 24919
Ion Ratio Lower Upper
45 100
58 2.5 40.6 61.0

Manual Integrations
APPROVED

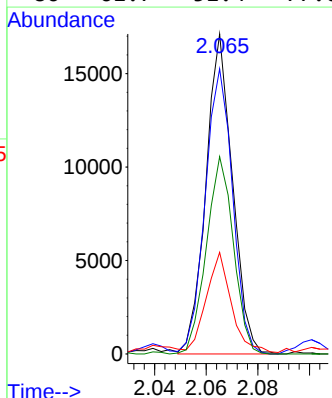
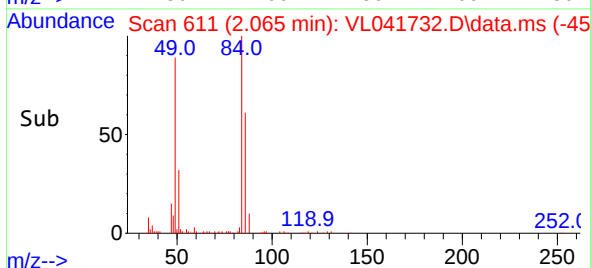
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

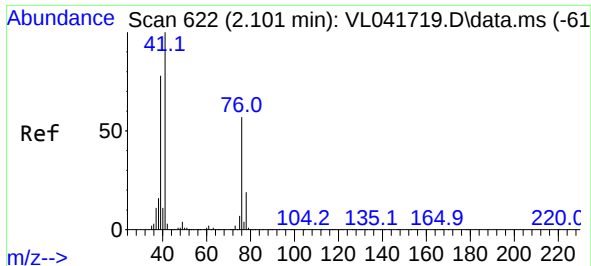


#20
Methylene Chloride
Concen: 0.664 ppbv
RT: 2.065 min Scan# 611
Delta R.T. -0.000 min
Lab File: VL041732.D
Acq: 11 Dec 2024 21:34



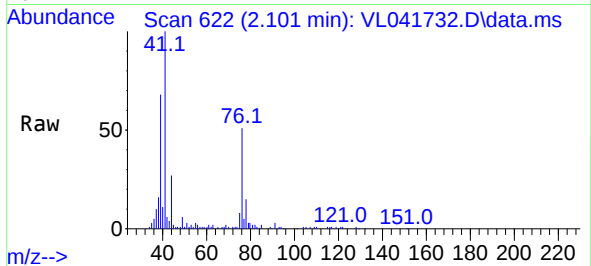
Tgt Ion: 84 Resp: 12252
Ion Ratio Lower Upper
84 100
49 89.1 73.6 110.4
51 31.3 22.7 34.1
86 61.7 51.4 77.0





#21
Allyl Chloride
Concen: 0.508 ppbv
RT: 2.101 min Scan# 61
Delta R.T. -0.000 min
Lab File: VL041732.D
Acq: 11 Dec 2024 21:34

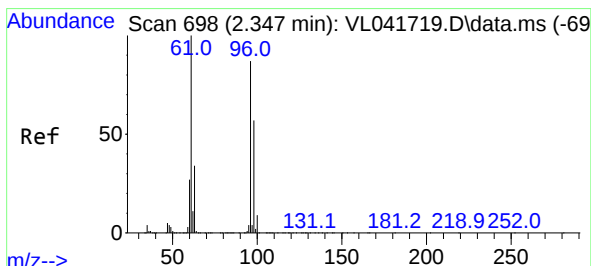
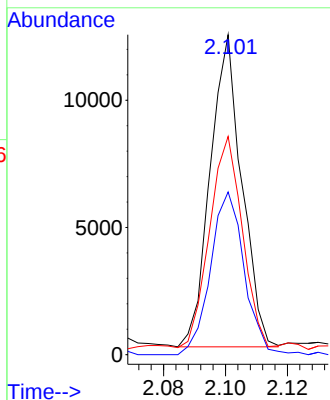
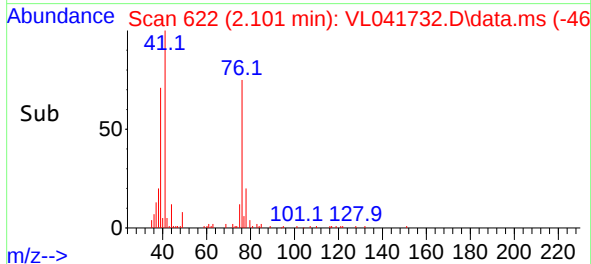
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



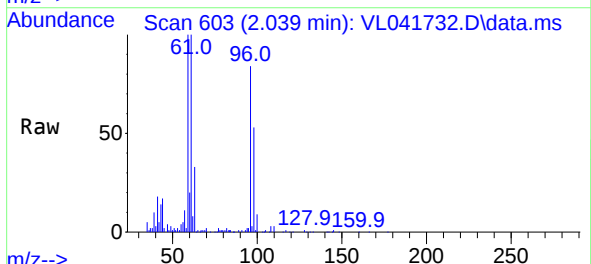
Tgt Ion: 41 Resp: 8700
Ion Ratio Lower Upper
41 100
76 55.9 44.2 66.2
39 73.5 62.8 94.2

Manual Integrations
APPROVED

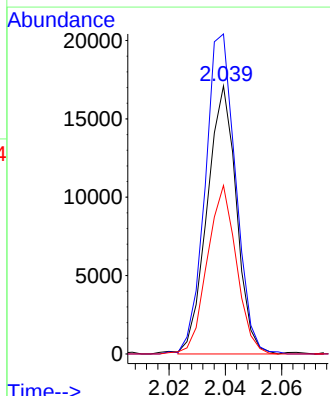
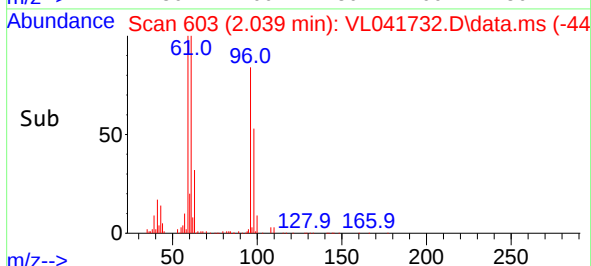
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

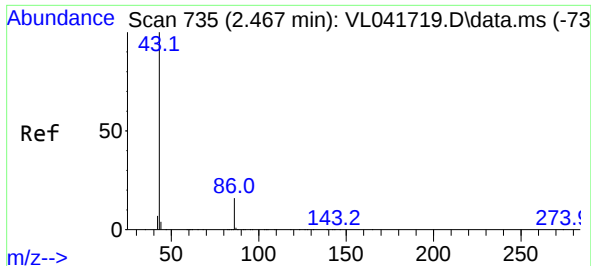


#22
trans-1,2-Dichloroethene
Concen: 0.567 ppbv
RT: 2.039 min Scan# 603
Delta R.T. 0.003 min
Lab File: VL041732.D
Acq: 11 Dec 2024 21:34



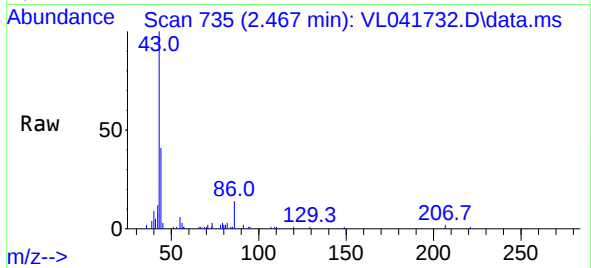
Tgt Ion: 96 Resp: 12356
Ion Ratio Lower Upper
96 100
61 118.7 114.4 171.6
98 62.9 50.6 75.8





#23
 Vinyl Acetate
 Concen: 0.337 ppbv m
 RT: 2.467 min Scan# 718
 Delta R.T. -0.000 min
 Lab File: VL041732.D
 Acq: 11 Dec 2024 21:34

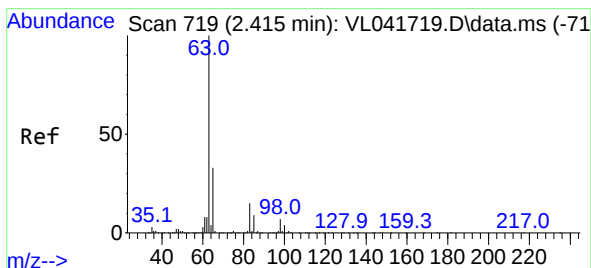
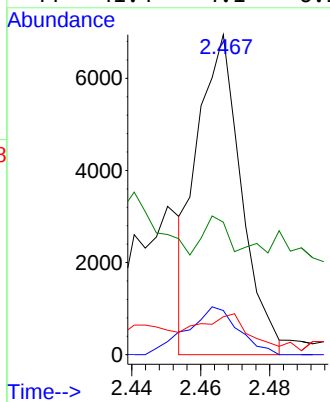
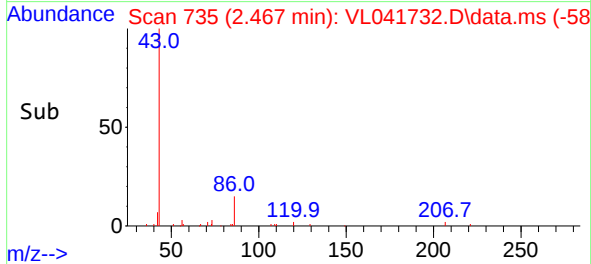
Instrument : MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT4-2024



Tgt Ion: 43 Resp: 6211
 Ion Ratio Lower Upper
 43 100
 86 13.8 11.5 17.3
 42 11.9 6.6 10.0
 44 41.4 4.1 6.1

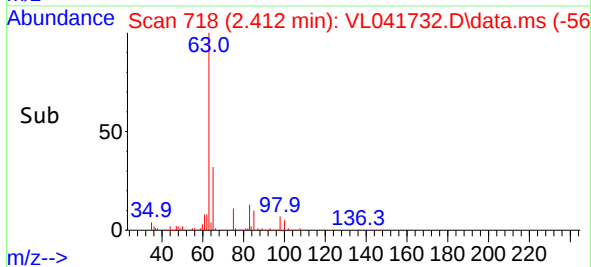
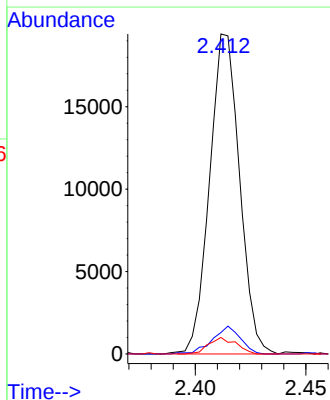
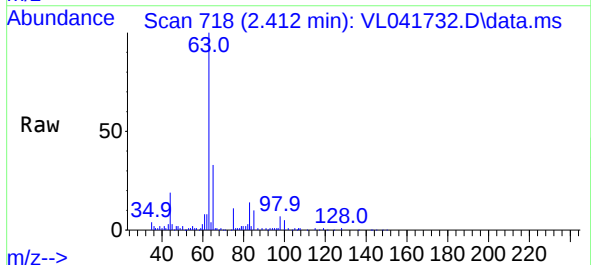
Manual Integrations
 APPROVED

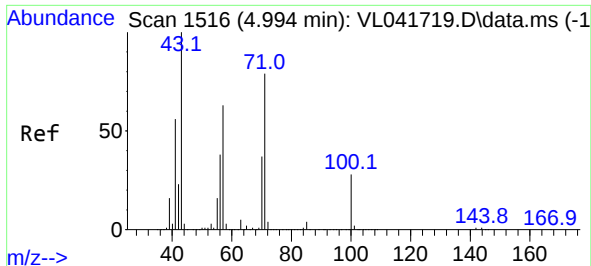
Reviewed By :Mahesh Dadoda 12/13/2024
 Supervised By :Semsettin Yesilyurt 12/13/2024



#24
 1,1-Dichloroethane
 Concen: 0.533 ppbv
 RT: 2.412 min Scan# 718
 Delta R.T. -0.003 min
 Lab File: VL041732.D
 Acq: 11 Dec 2024 21:34

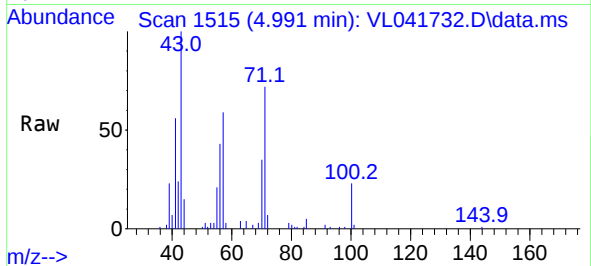
Tgt Ion: 63 Resp: 18288
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.6 10.8
 100 5.2 2.3 6.8





#25
Ethyl Acetate
Concen: 0.433 ppbv
RT: 4.991 min Scan# 1515
Delta R.T. -0.003 min
Lab File: VL041732.D
Acq: 11 Dec 2024 21:34

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

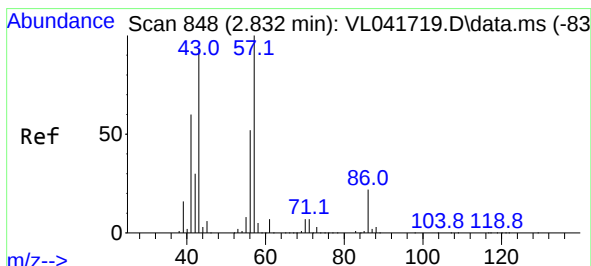
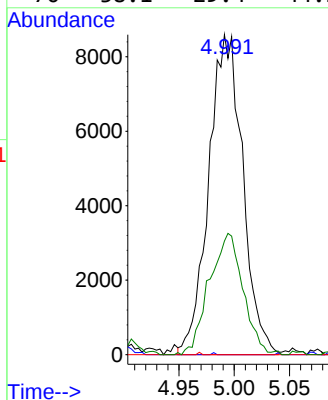
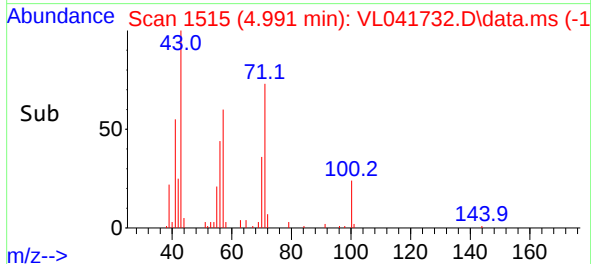


Tgt Ion: 43 Resp: 18330

Ion	Ratio	Lower	Upper
43	100		
45	0.3	0.0	0.0
61	0.1	0.4	0.6
70	38.1	29.4	44.2

Manual Integrations
APPROVED

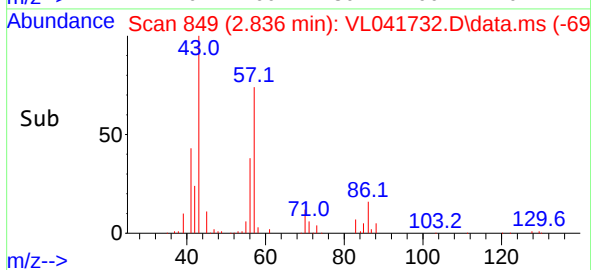
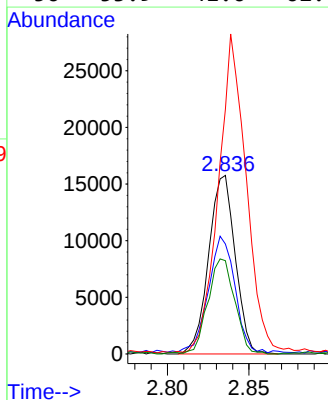
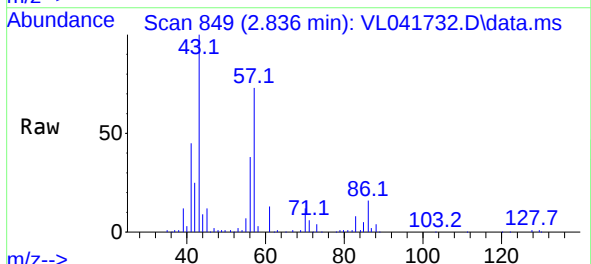
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

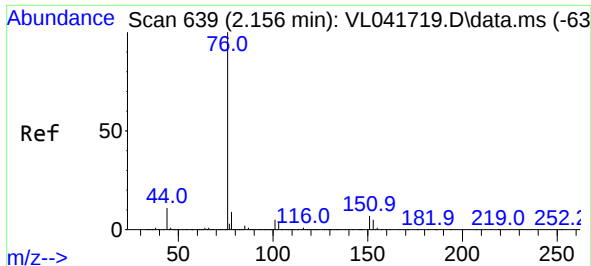


#26
Hexane
Concen: 0.436 ppbv
RT: 2.836 min Scan# 849
Delta R.T. 0.003 min
Lab File: VL041732.D
Acq: 11 Dec 2024 21:34

Tgt Ion: 57 Resp: 17906

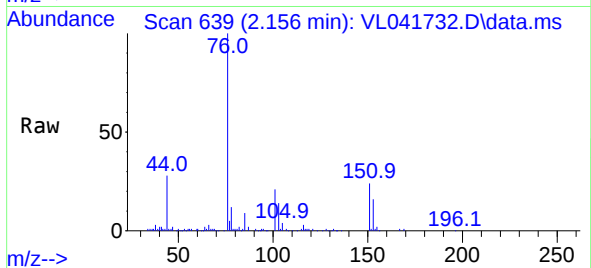
Ion	Ratio	Lower	Upper
57	100		
41	67.6	49.5	74.3
43	190.0	150.6	225.8
56	53.9	41.6	62.4





#27
Carbon Disulfide
Concen: 0.449 ppbv
RT: 2.156 min Scan# 611
Delta R.T. -0.000 min
Lab File: VL041732.D
Acq: 11 Dec 2024 21:34

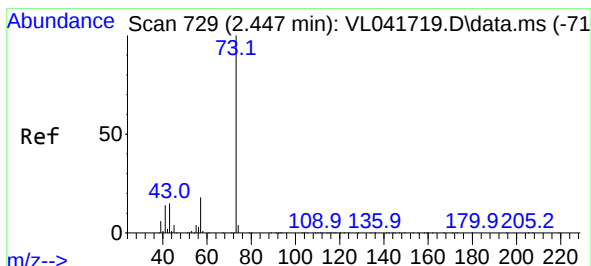
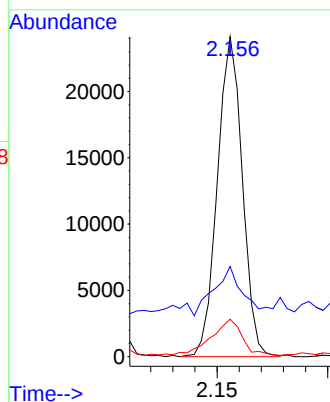
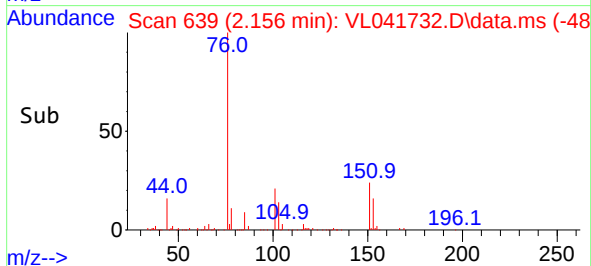
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion: 76 Resp: 18958
Ion Ratio Lower Upper
76 100
44 23.4 9.4 14.0
78 14.2 9.4 14.0

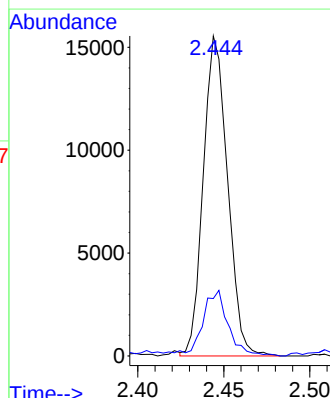
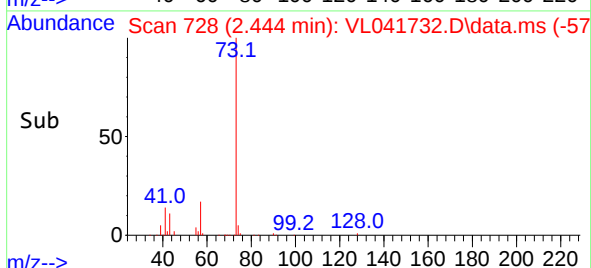
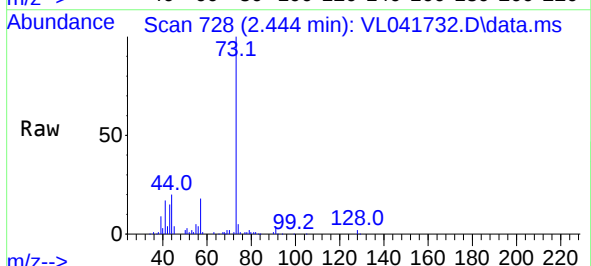
Manual Integrations
APPROVED

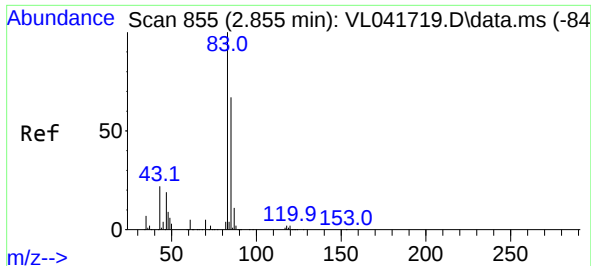
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#28
Methyl tert-Butyl Ether
Concen: 0.497 ppbv
RT: 2.444 min Scan# 728
Delta R.T. -0.003 min
Lab File: VL041732.D
Acq: 11 Dec 2024 21:34

Tgt Ion: 73 Resp: 15293
Ion Ratio Lower Upper
73 100
57 21.1 15.3 22.9





#29

Chloroform

Concen: 0.429 ppbv

RT: 2.852 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL041732.D

Acq: 11 Dec 2024 21:34

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT4-2024

Tgt Ion: 83 Resp: 2694

Ion Ratio Lower Upper

83 100

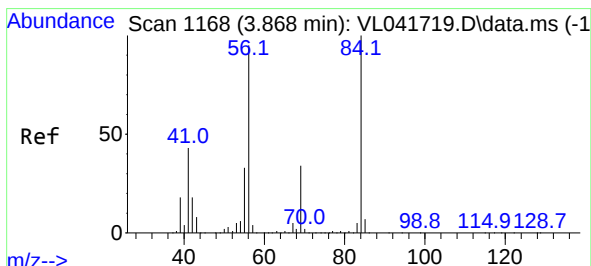
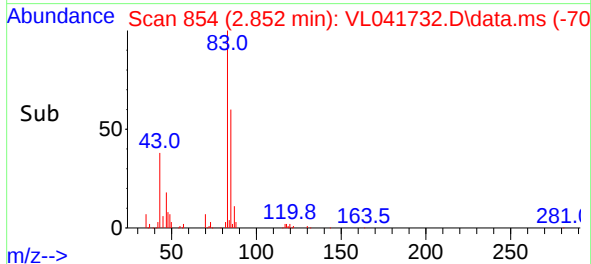
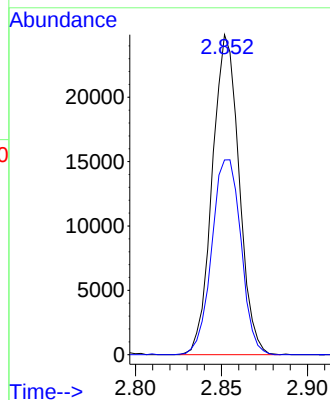
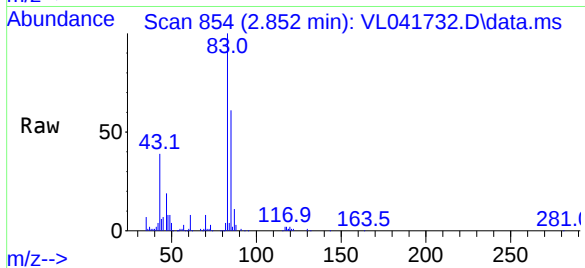
85 60.9 53.6 80.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/13/2024

Supervised By :Semsettin Yesilyurt 12/13/2024



#30

Cyclohexane

Concen: 0.431 ppbv m

RT: 3.871 min Scan# 1169

Delta R.T. 0.003 min

Lab File: VL041732.D

Acq: 11 Dec 2024 21:34

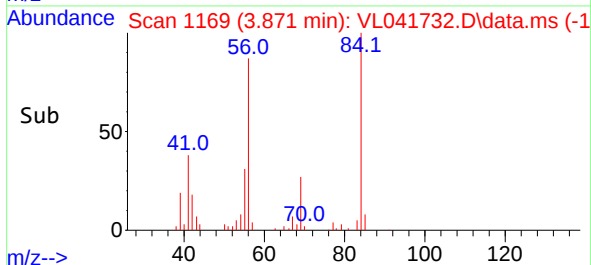
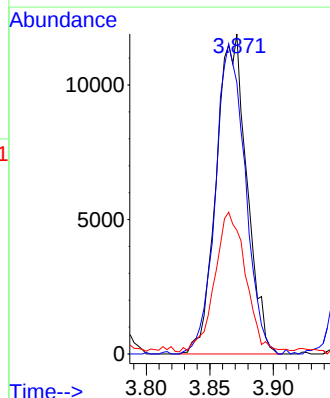
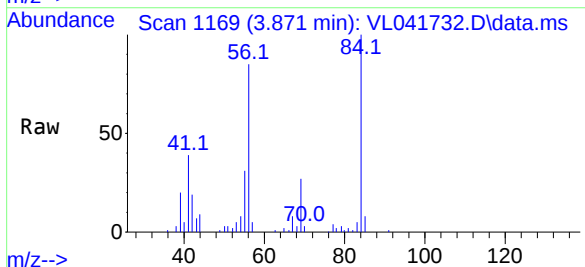
Tgt Ion: 84 Resp: 19865

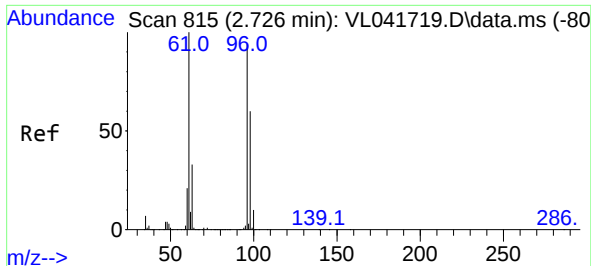
Ion Ratio Lower Upper

84 100

56 95.1 76.0 114.0

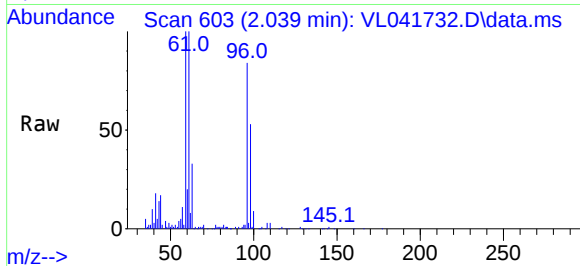
41 45.0 34.2 51.4





#31
 cis-1,2-Dichloroethene
 Concen: 0.514 ppbv
 RT: 2.039 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VL041732.D
 Acq: 11 Dec 2024 21:34

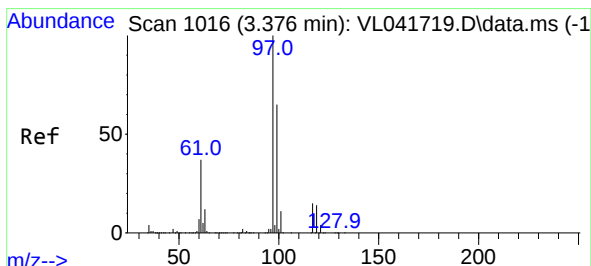
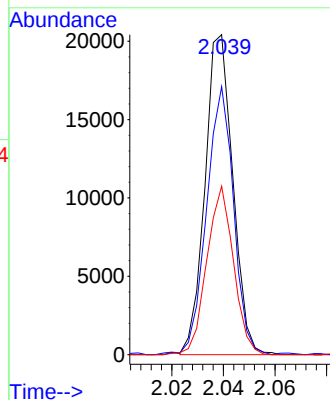
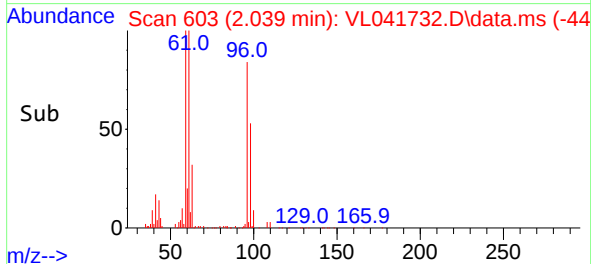
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT4-2024



Tgt Ion: 61 Resp: 15334
 Ion Ratio Lower Upper
 61 100
 96 83.3 55.9 83.9
 98 52.6 35.4 53.0

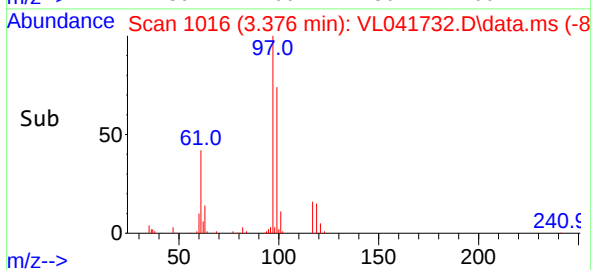
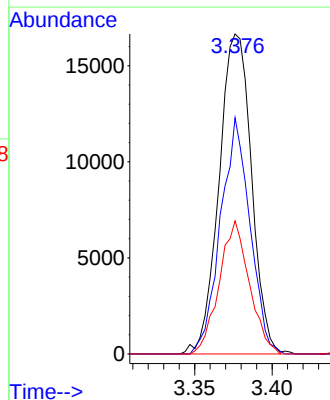
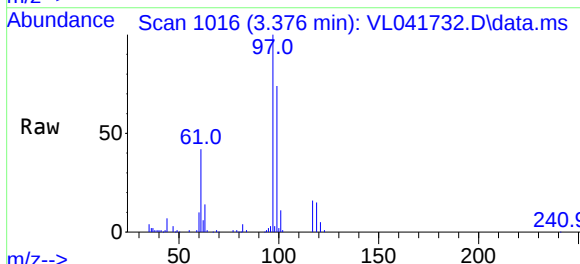
Manual Integrations
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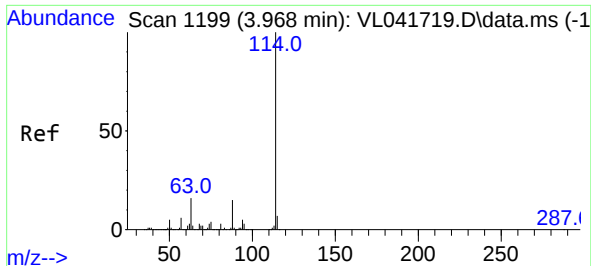
Reviewed By :Mahesh Dadoda 12/13/2024
 Supervised By :Semsettin Yesilyurt 12/13/2024



#32
 1,1,1-Trichloroethane
 Concen: 0.393 ppbv
 RT: 3.376 min Scan# 1016
 Delta R.T. -0.000 min
 Lab File: VL041732.D
 Acq: 11 Dec 2024 21:34

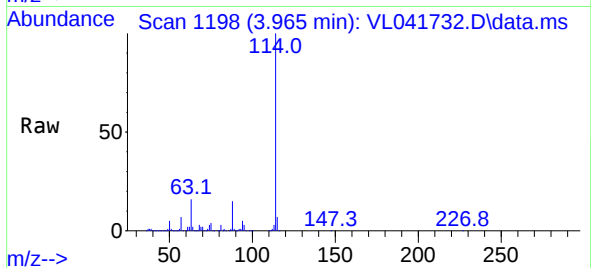
Tgt Ion: 97 Resp: 24248
 Ion Ratio Lower Upper
 97 100
 99 67.0 52.2 78.2
 61 38.7 29.8 44.8





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.965 min Scan# 1199
Delta R.T. -0.003 min
Lab File: VL041732.D
Acq: 11 Dec 2024 21:34

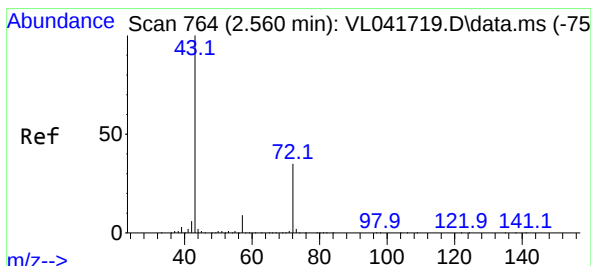
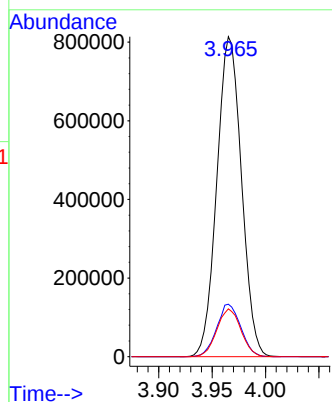
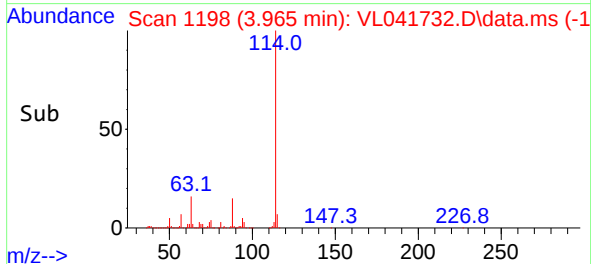
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion:114 Resp: 1303460
Ion Ratio Lower Upper
114 100
63 16.1 12.9 19.3
88 14.7 11.8 17.6

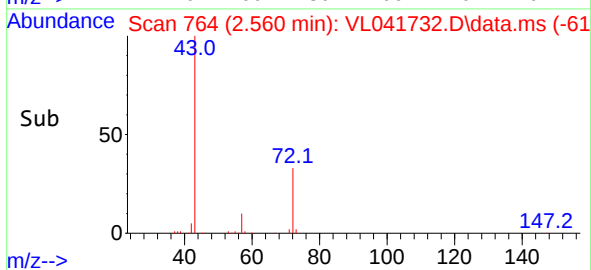
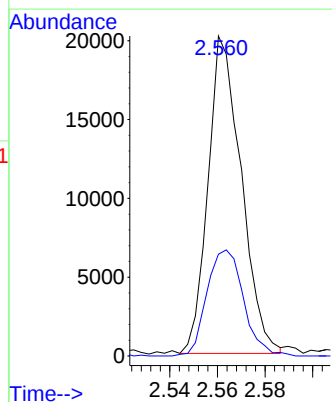
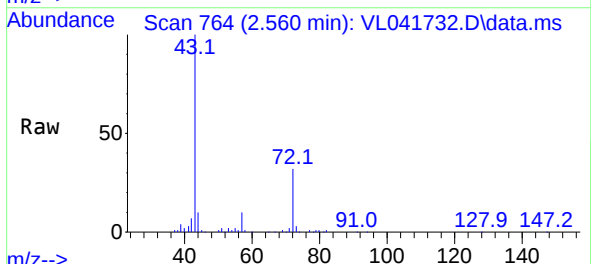
Manual Integrations
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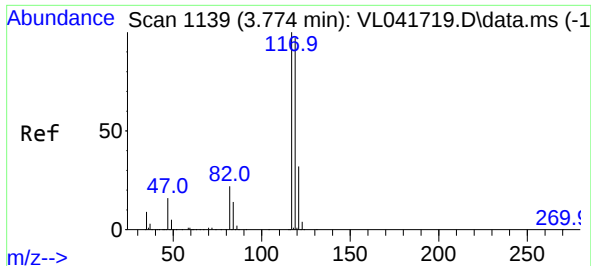
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#34
2-Butanone
Concen: 0.427 ppbv
RT: 2.560 min Scan# 764
Delta R.T. -0.000 min
Lab File: VL041732.D
Acq: 11 Dec 2024 21:34

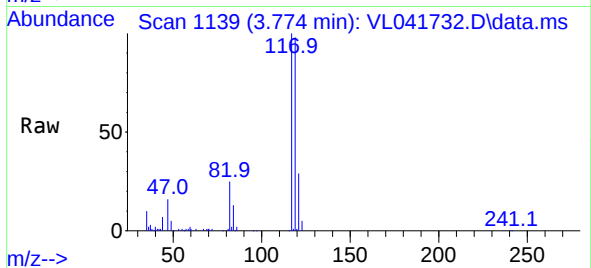
Tgt Ion: 43 Resp: 19485
Ion Ratio Lower Upper
43 100
72 36.9 28.3 42.5





#35
Carbon Tetrachloride
Concen: 0.382 ppbv
RT: 3.774 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VL041732.D
Acq: 11 Dec 2024 21:34

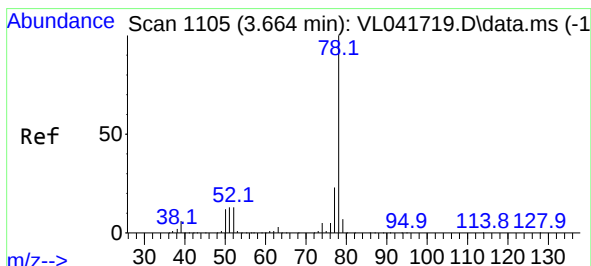
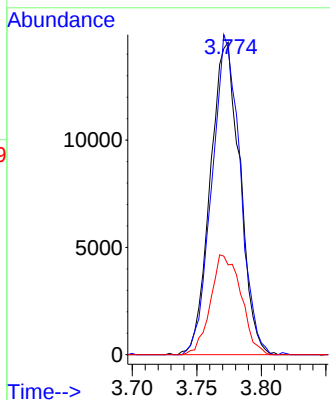
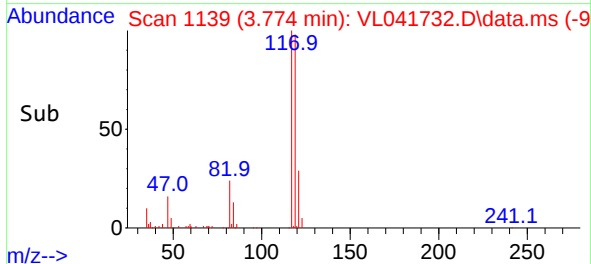
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion:117 Resp: 23192
Ion Ratio Lower Upper
117 100
119 98.1 77.7 116.5
121 28.7 25.5 38.3

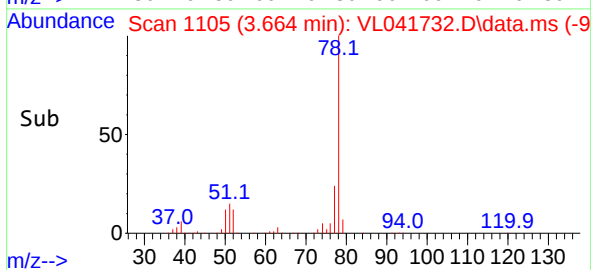
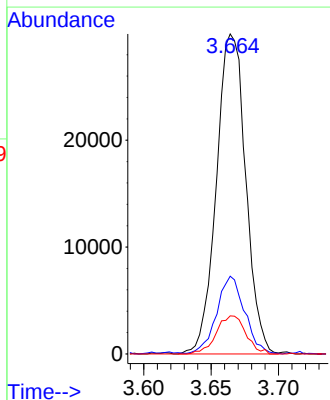
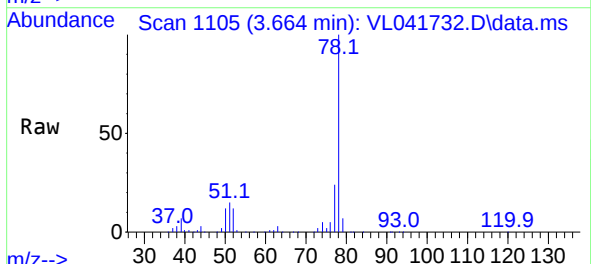
Manual Integrations
APPROVED

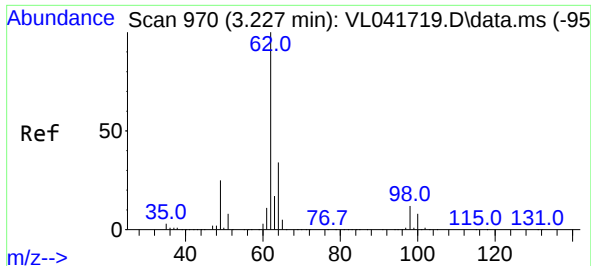
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#36
Benzene
Concen: 0.442 ppbv
RT: 3.664 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VL041732.D
Acq: 11 Dec 2024 21:34

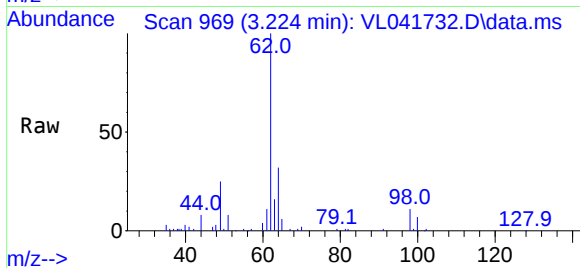
Tgt Ion: 78 Resp: 45305
Ion Ratio Lower Upper
78 100
77 24.1 18.6 27.8
50 11.9 9.5 14.3





#37
1,2-Dichloroethane
Concen: 0.435 ppbv
RT: 3.224 min Scan# 91
Delta R.T. -0.003 min
Lab File: VL041732.D
Acq: 11 Dec 2024 21:34

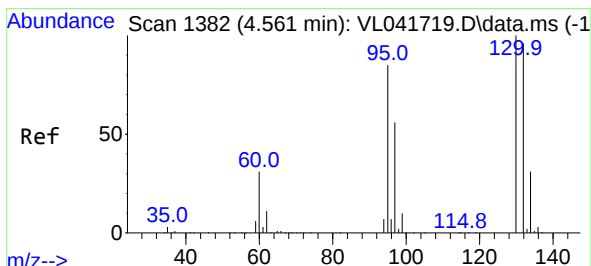
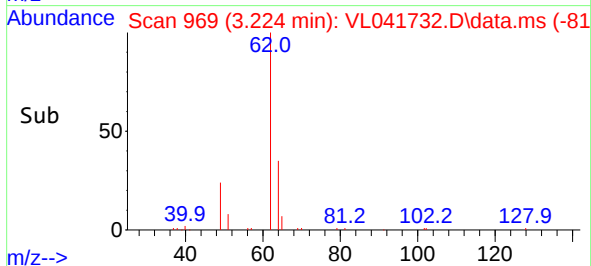
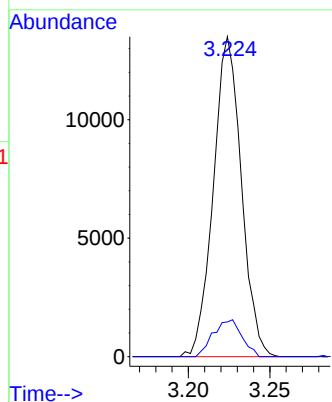
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion: 62 Resp: 1610
Ion Ratio Lower Upper
62 100
98 11.8 9.4 14.2

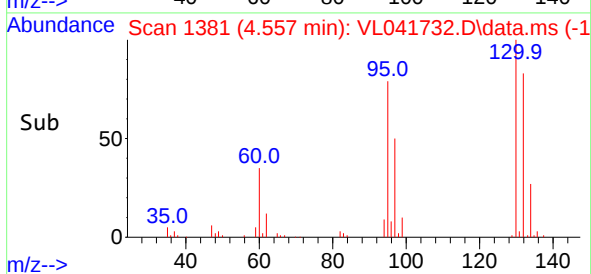
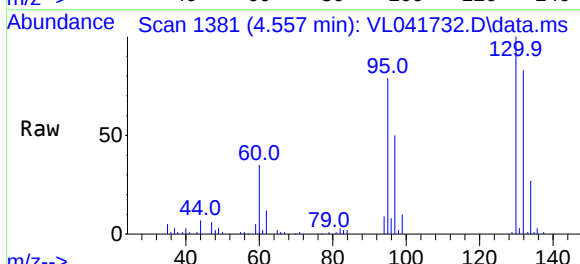
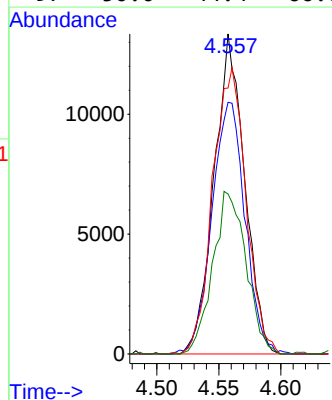
Manual Integrations
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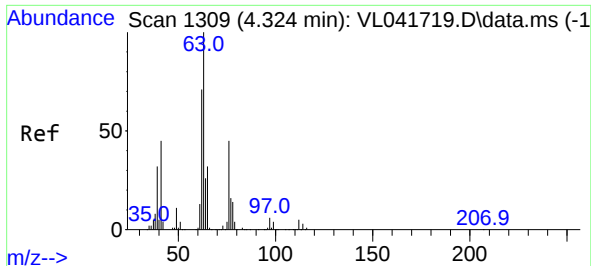
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#38
Trichloroethene
Concen: 0.431 ppbv
RT: 4.557 min Scan# 1381
Delta R.T. -0.003 min
Lab File: VL041732.D
Acq: 11 Dec 2024 21:34

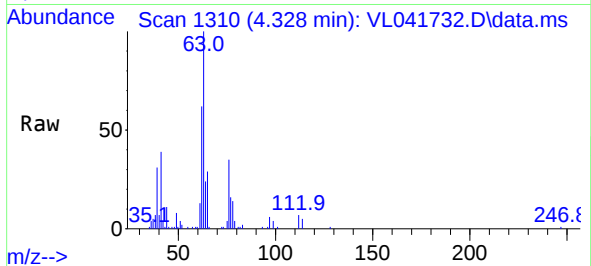
Tgt Ion:130 Resp: 22916
Ion Ratio Lower Upper
130 100
95 77.6 68.0 102.0
132 83.1 76.5 114.7
97 50.0 44.4 66.6





#39
1,2-Dichloropropane
Concen: 0.438 ppbv
RT: 4.328 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL041732.D
Acq: 11 Dec 2024 21:34

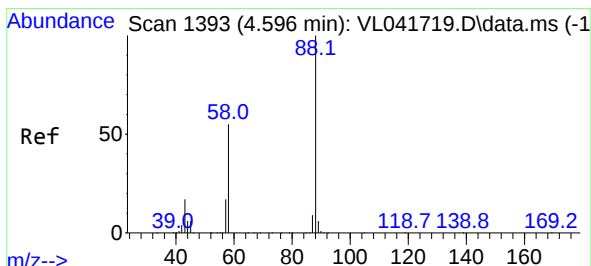
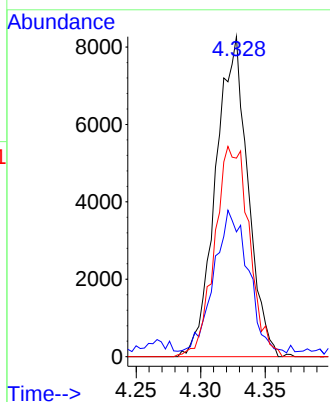
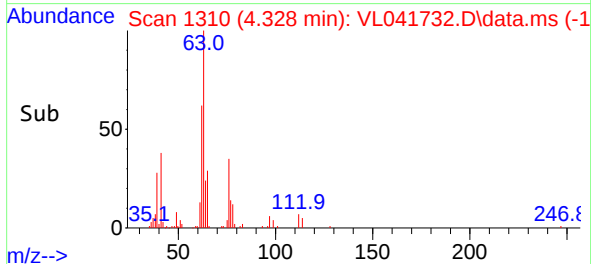
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion: 63 Resp: 1429
Ion Ratio Lower Upper
63 100
41 37.3 36.4 54.6
62 61.5 56.6 85.0

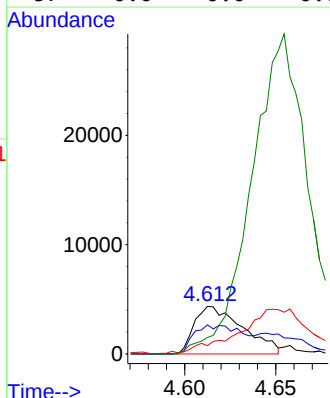
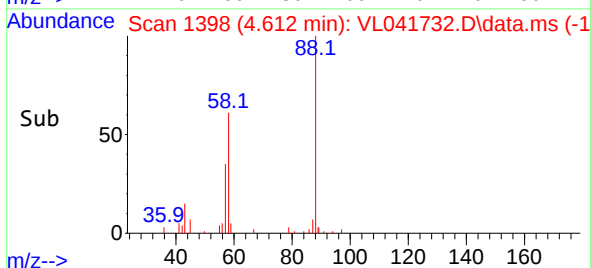
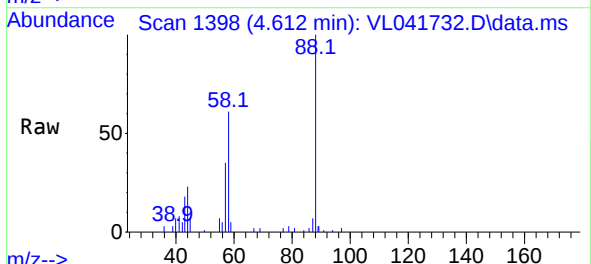
Manual Integrations
APPROVED

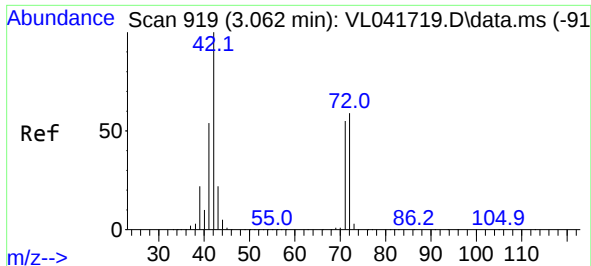
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#40
1,4-Dioxane
Concen: 0.410 ppbv
RT: 4.612 min Scan# 1398
Delta R.T. 0.016 min
Lab File: VL041732.D
Acq: 11 Dec 2024 21:34

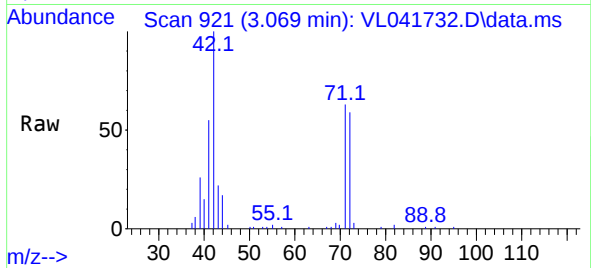
Tgt Ion: 88 Resp: 8082
Ion Ratio Lower Upper
88 100
58 100.6 45.7 68.5#
43 7.8 0.0 0.0#
57 0.0 0.0 0.0





#41
Tetrahydrofuran
Concen: 0.416 ppbv
RT: 3.069 min Scan# 919
Delta R.T. 0.006 min
Lab File: VL041732.D
Acq: 11 Dec 2024 21:34

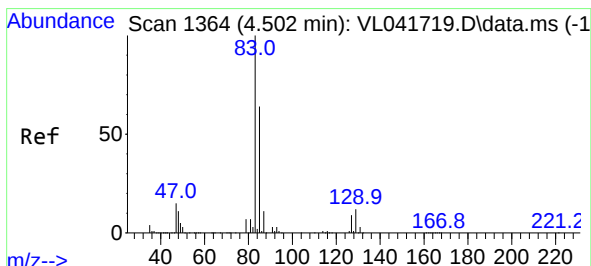
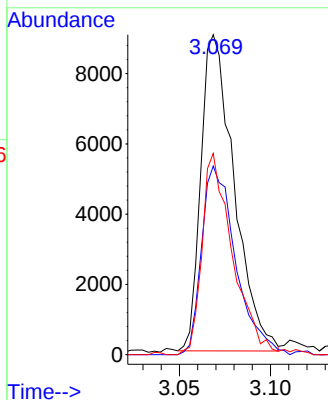
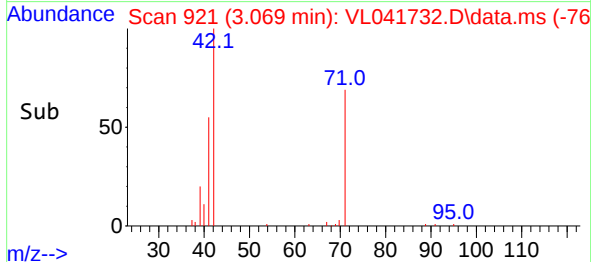
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



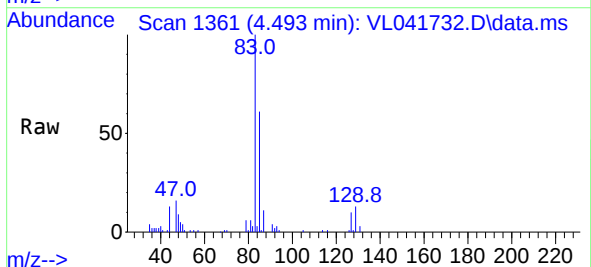
Tgt Ion: 42 Resp: 11434
Ion Ratio Lower Upper
42 100
72 61.6 47.4 71.0
71 59.3 44.4 66.6

Manual Integrations
APPROVED

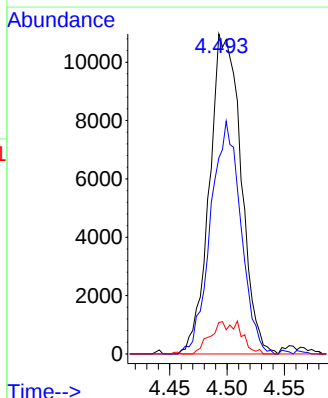
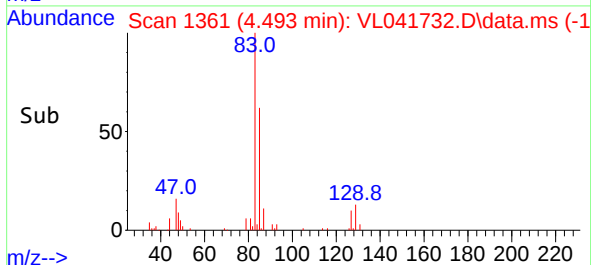
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

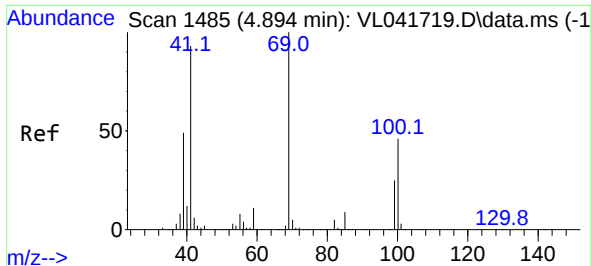


#42
Bromodichloromethane
Concen: 0.350 ppbv
RT: 4.493 min Scan# 1361
Delta R.T. -0.010 min
Lab File: VL041732.D
Acq: 11 Dec 2024 21:34



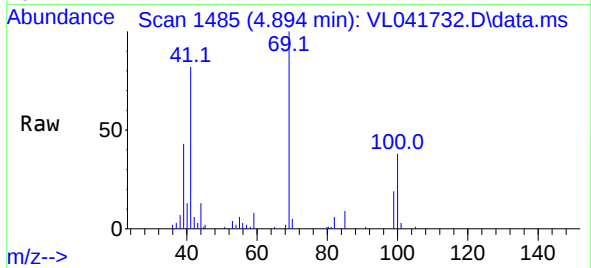
Tgt Ion: 83 Resp: 20930
Ion Ratio Lower Upper
83 100
85 61.2 51.0 76.6
127 9.9 7.6 11.4





#43
Methyl Methacrylate
Concen: 0.396 ppbv
RT: 4.894 min Scan# 1485
Delta R.T. -0.000 min
Lab File: VL041732.D
Acq: 11 Dec 2024 21:34

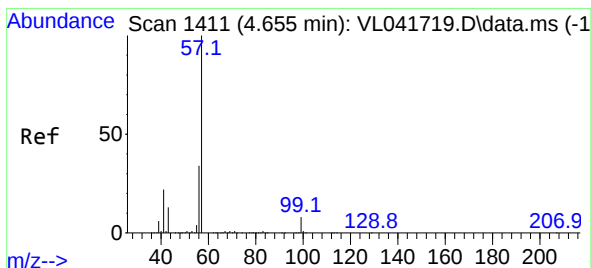
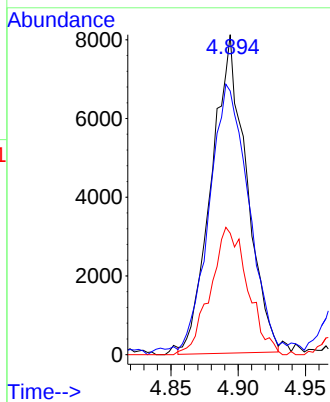
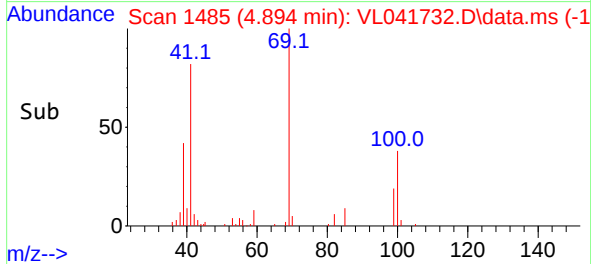
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



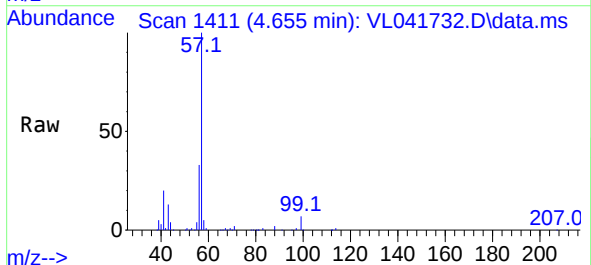
Tgt Ion: 69 Resp: 1461
Ion Ratio Lower Upper
69 100
41 95.1 74.6 112.0
100 42.6 35.5 53.3

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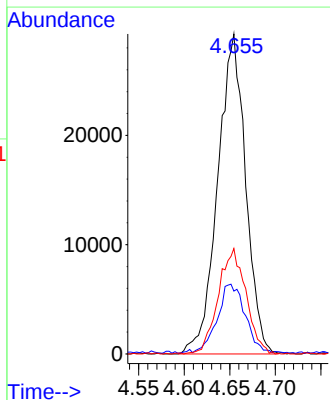
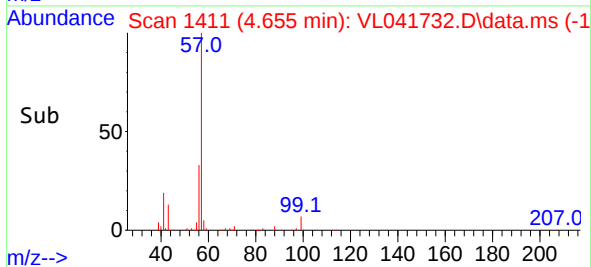
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

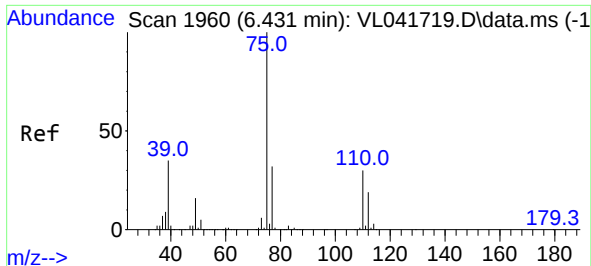


#44
2,2,4-Trimethylpentane
Concen: 0.437 ppbv
RT: 4.655 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VL041732.D
Acq: 11 Dec 2024 21:34



Tgt Ion: 57 Resp: 62401
Ion Ratio Lower Upper
57 100
41 22.0 17.2 25.8
56 32.8 26.6 40.0





#45

t-1,3-Dichloropropene

Concen: 0.365 ppbv

RT: 5.613 min Scan# 1744

Delta R.T. -0.003 min

Lab File: VL041732.D

Acq: 11 Dec 2024 21:34

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT4-2024

Tgt Ion: 75 Resp: 1744

Ion Ratio Lower Upper

75 100

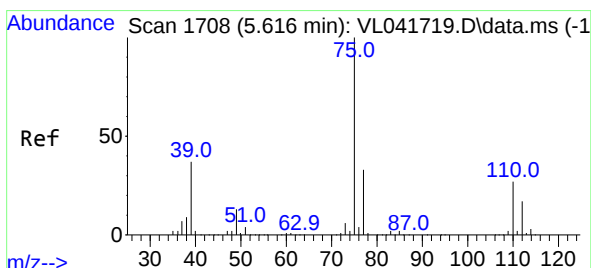
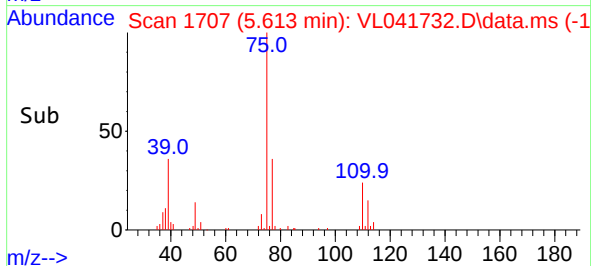
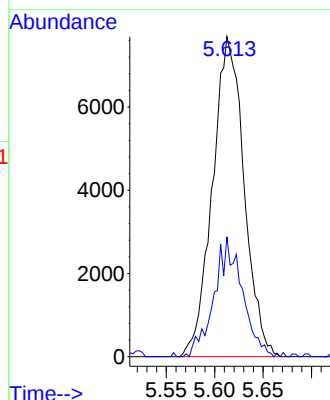
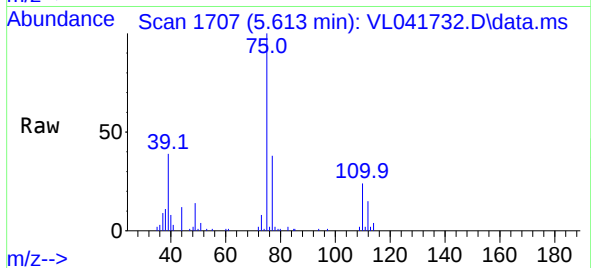
77 37.5 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/13/2024

Supervised By :Semsettin Yesilyurt 12/13/2024



#46

cis-1,3-Dichloropropene

Concen: 0.343 ppbv m

RT: 6.431 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VL041732.D

Acq: 11 Dec 2024 21:34

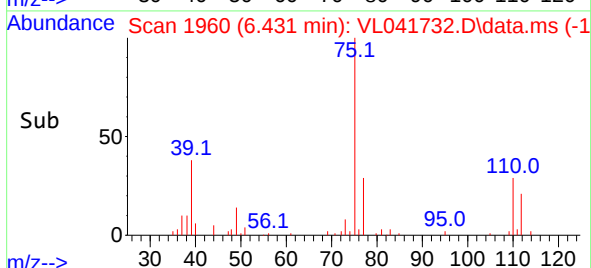
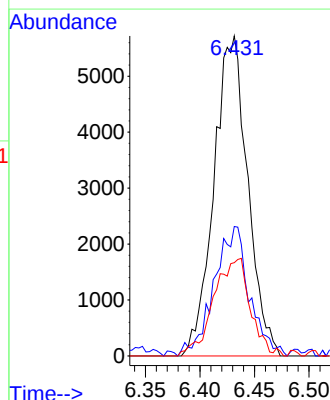
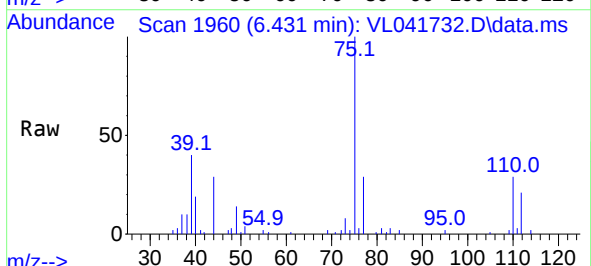
Tgt Ion: 75 Resp: 12350

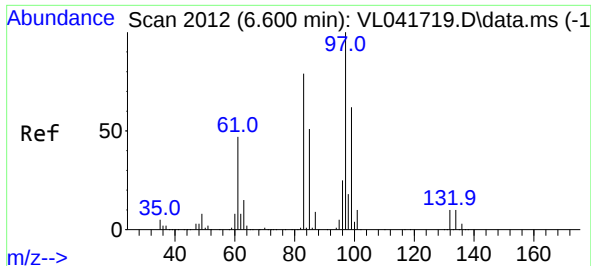
Ion Ratio Lower Upper

75 100

39 40.4 28.1 42.1

77 29.2 25.8 38.6





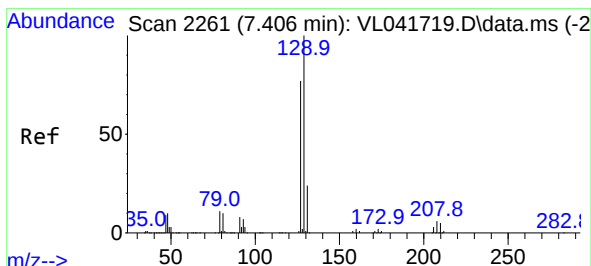
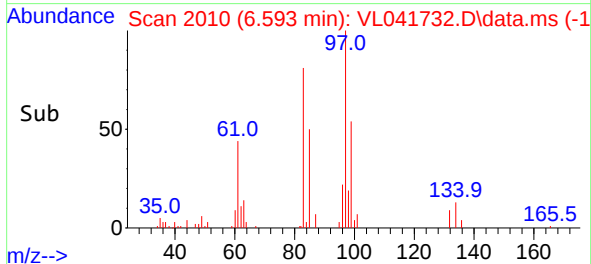
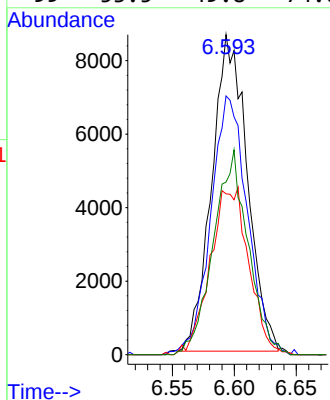
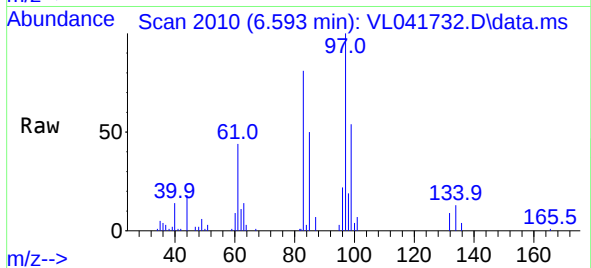
#47
1,1,2-Trichloroethane
Concen: 0.395 ppbv
RT: 6.593 min Scan# 2010
Delta R.T. -0.007 min
Lab File: VL041732.D
Acq: 11 Dec 2024 21:34

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

Tgt Ion: 97	Resp: 1716
Ion Ratio	Lower Upper
97 100	
83 80.1	63.0 94.4
85 49.9	41.0 61.6
99 53.5	49.8 74.6

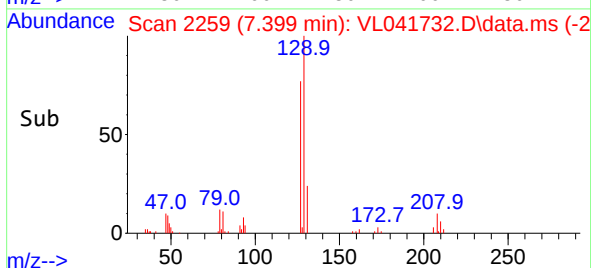
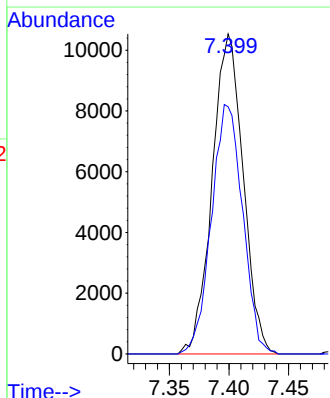
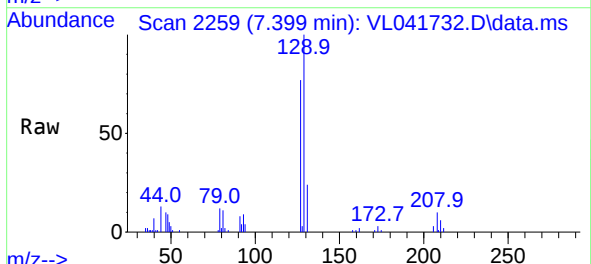
Manual Integrations
APPROVED

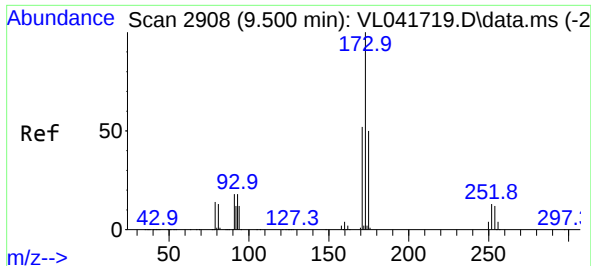
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#48
Dibromochloromethane
Concen: 0.304 ppbv
RT: 7.399 min Scan# 2259
Delta R.T. -0.007 min
Lab File: VL041732.D
Acq: 11 Dec 2024 21:34

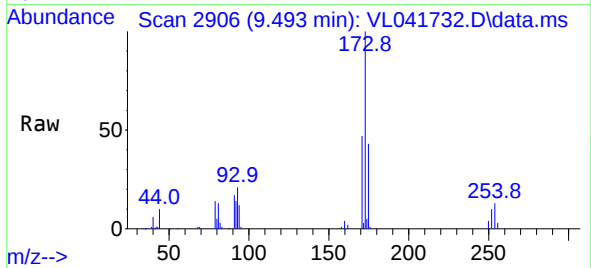
Tgt Ion:129	Resp: 19035
Ion Ratio	Lower Upper
129 100	
127 78.4	38.6 115.7





#49
Bromoform
Concen: 0.282 ppbv
RT: 9.493 min Scan# 2908
Delta R.T. -0.007 min
Lab File: VL041732.D
Acq: 11 Dec 2024 21:34

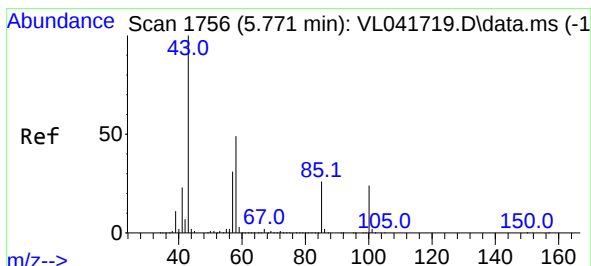
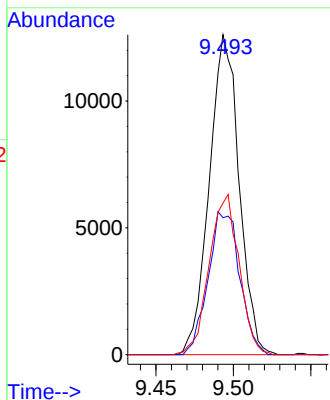
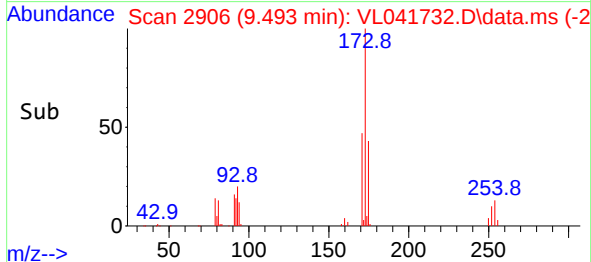
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion:173 Resp: 1690
Ion Ratio Lower Upper
173 100
175 47.4 39.5 59.3
171 50.1 41.4 62.0

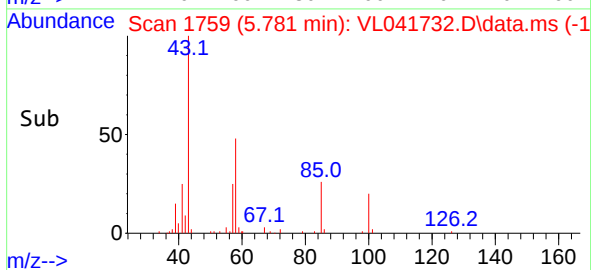
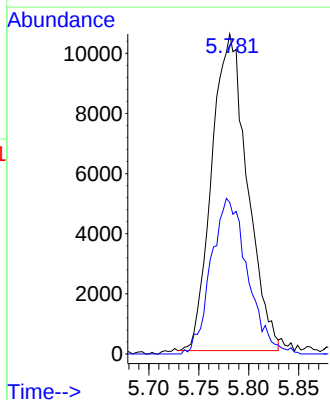
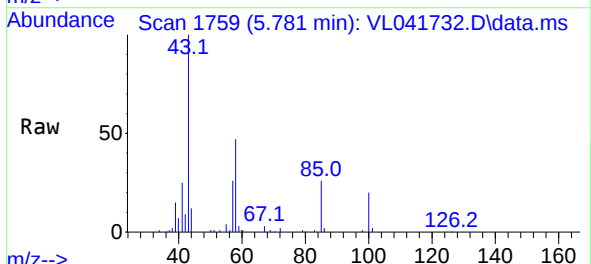
Manual Integrations
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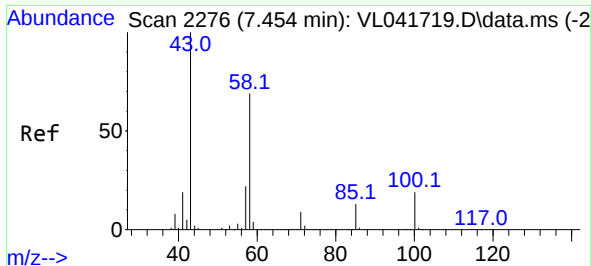
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#50
4-Methyl-2-Pentanone
Concen: 0.399 ppbv
RT: 5.781 min Scan# 1759
Delta R.T. 0.010 min
Lab File: VL041732.D
Acq: 11 Dec 2024 21:34

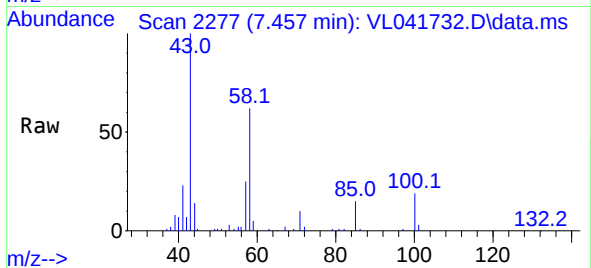
Tgt Ion: 43 Resp: 26100
Ion Ratio Lower Upper
43 100
58 50.5 38.9 58.3





#51
2-Hexanone
Concen: 0.390 ppbv
RT: 7.457 min Scan# 2097
Delta R.T. 0.003 min
Lab File: VL041732.D
Acq: 11 Dec 2024 21:34

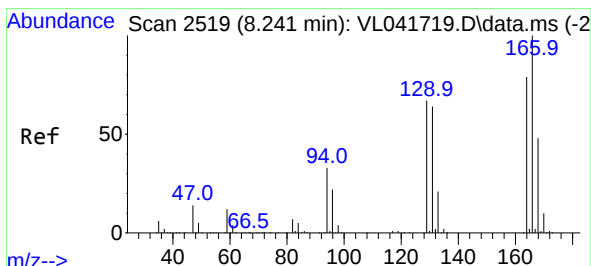
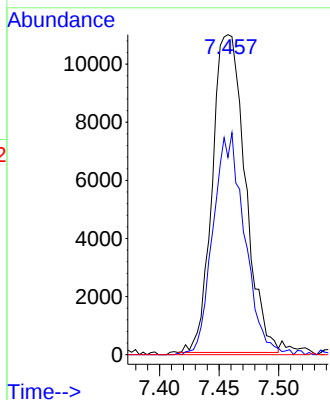
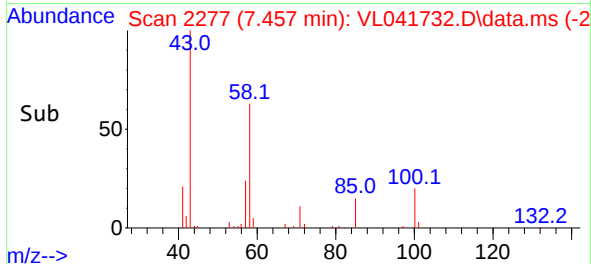
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion: 43 Resp: 2097
Ion Ratio Lower Upper
43 100
58 67.4 54.2 81.4
98 0.0 0.2 0.2

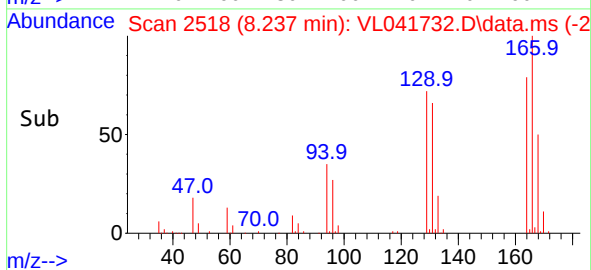
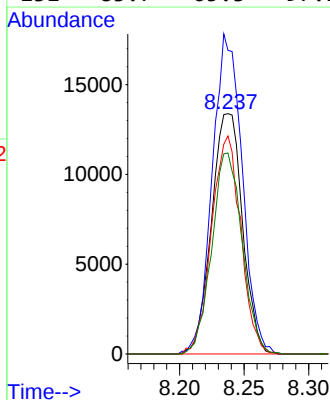
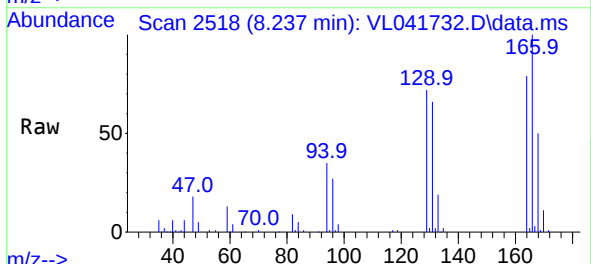
Manual Integrations
APPROVED

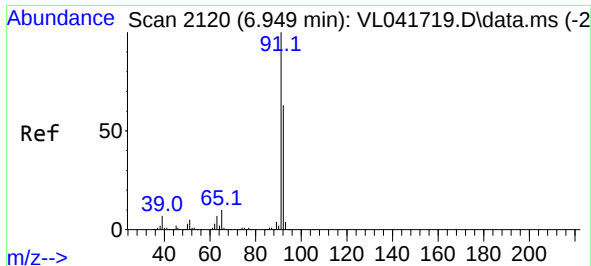
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#52
Tetrachloroethene
Concen: 0.412 ppbv
RT: 8.237 min Scan# 2518
Delta R.T. -0.003 min
Lab File: VL041732.D
Acq: 11 Dec 2024 21:34

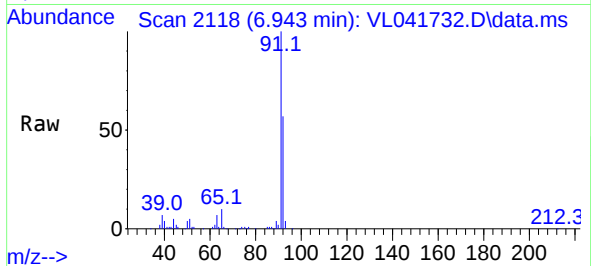
Tgt Ion:164 Resp: 22345
Ion Ratio Lower Upper
164 100
166 126.4 101.4 152.0
129 90.8 67.6 101.4
131 83.7 65.3 97.9





#53
Toluene
Concen: 0.419 ppbv
RT: 6.943 min Scan# 2118
Delta R.T. -0.007 min
Lab File: VL041732.D
Acq: 11 Dec 2024 21:34

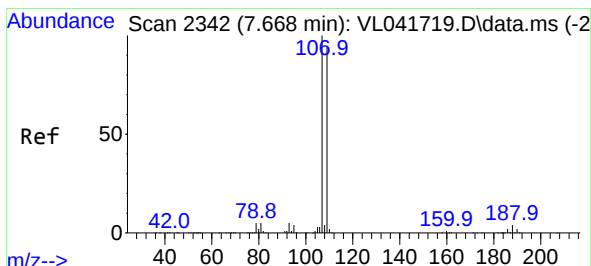
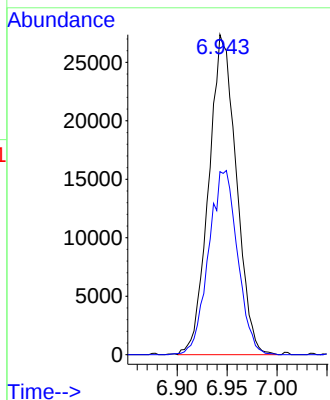
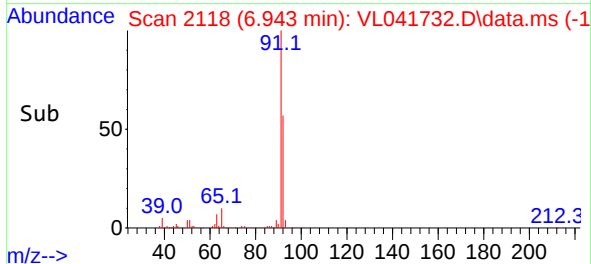
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion: 91 Resp: 5273
Ion Ratio Lower Upper
91 100
92 60.2 49.7 74.5

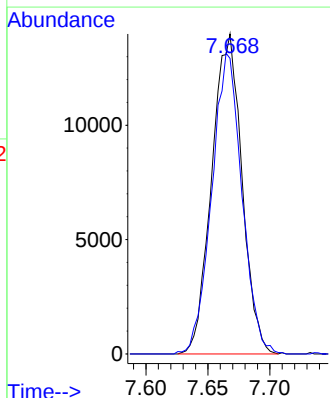
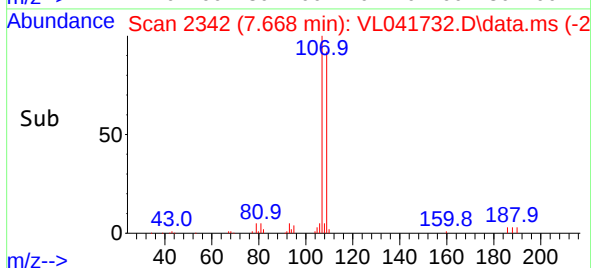
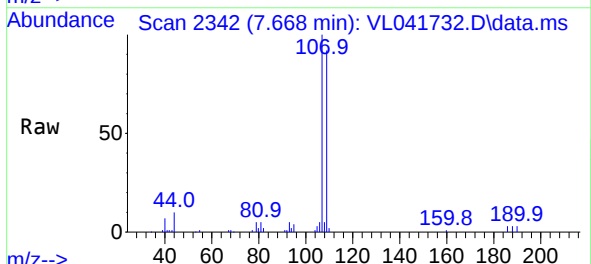
Manual Integrations
APPROVED

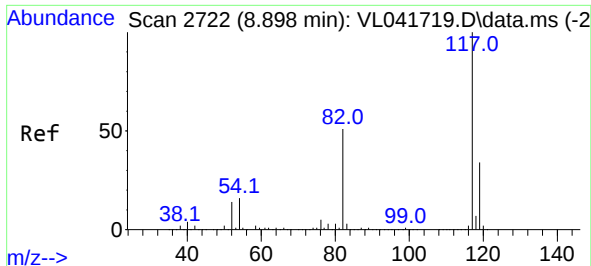
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#54
1,2-Dibromoethane
Concen: 0.399 ppbv
RT: 7.668 min Scan# 2342
Delta R.T. -0.000 min
Lab File: VL041732.D
Acq: 11 Dec 2024 21:34

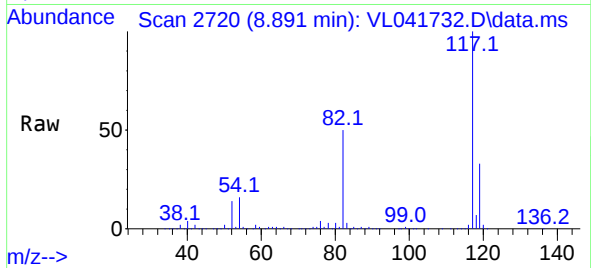
Tgt Ion:107 Resp: 23742
Ion Ratio Lower Upper
107 100
109 91.9 75.5 113.3





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.891 min Scan# 21
Delta R.T. -0.007 min
Lab File: VL041732.D
Acq: 11 Dec 2024 21:34

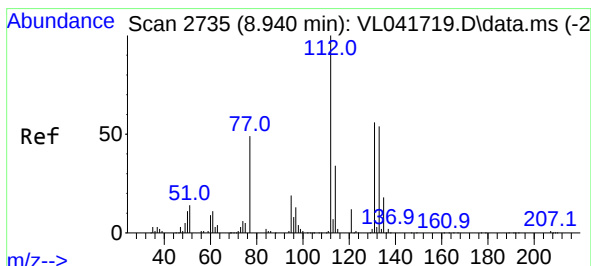
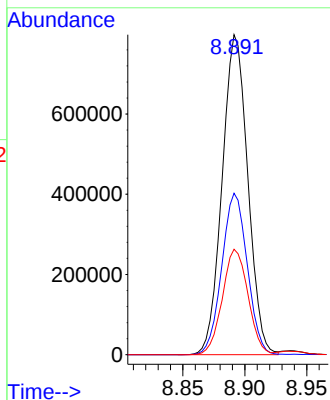
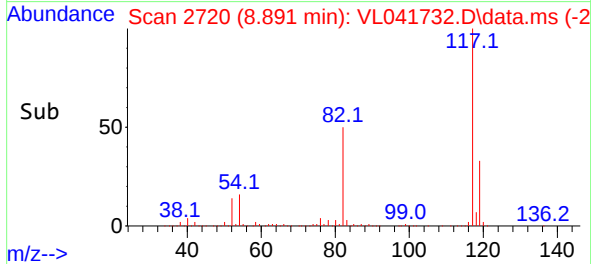
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion:117 Resp: 1150610
Ion Ratio Lower Upper
117 100
82 50.2 41.3 61.9
119 34.1 25.8 38.8

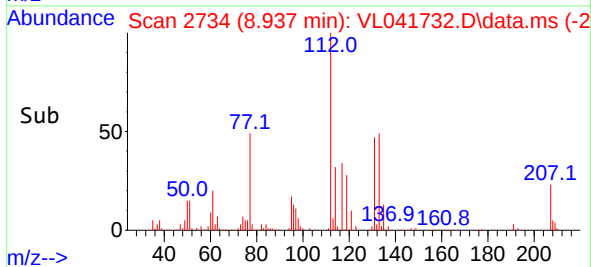
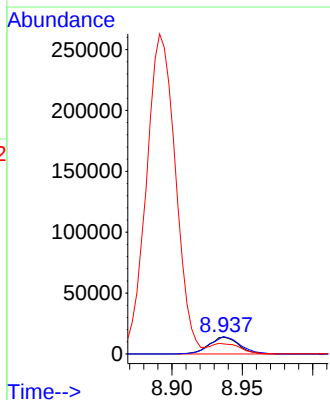
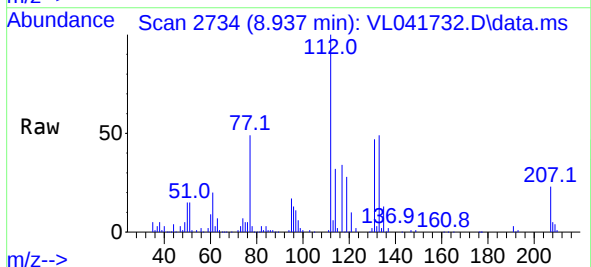
Manual Integrations
APPROVED

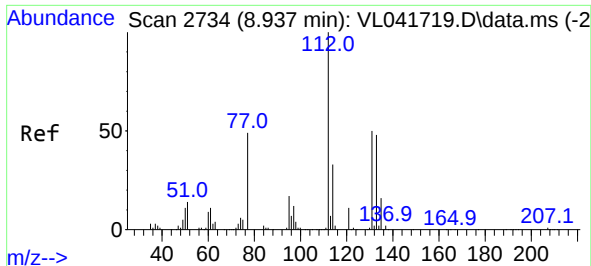
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#56
1,1,1,2-Tetrachloroethane
Concen: 0.375 ppbv
RT: 8.937 min Scan# 2734
Delta R.T. -0.003 min
Lab File: VL041732.D
Acq: 11 Dec 2024 21:34

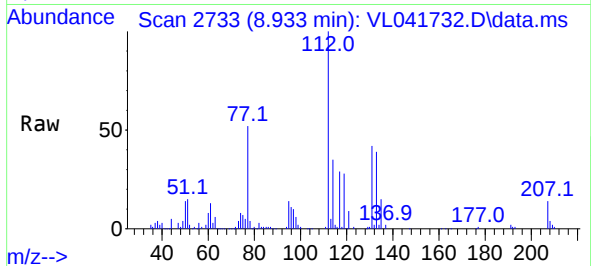
Tgt Ion:131 Resp: 20069
Ion Ratio Lower Upper
131 100
133 105.7 76.9 115.3
119 1957.3 52.6 78.8#





#57
Chlorobenzene
Concen: 0.437 ppbv
RT: 8.933 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041732.D
Acq: 11 Dec 2024 21:34

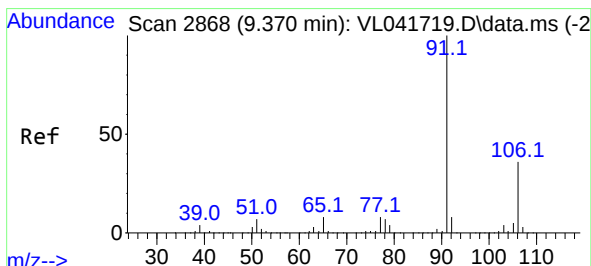
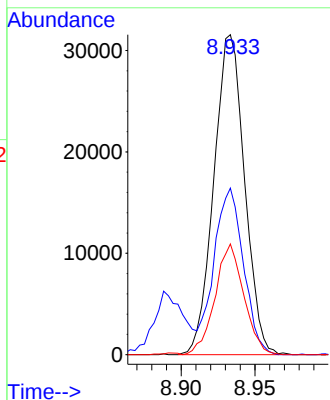
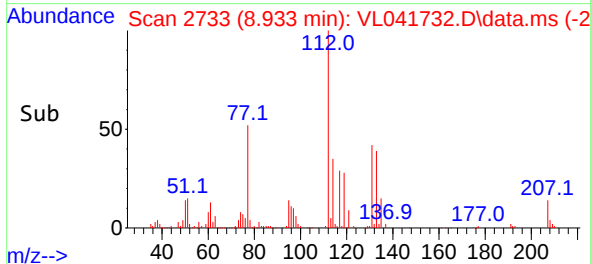
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion: 112 Resp: 4570
Ion Ratio Lower Upper
112 100
77 52.2 40.1 60.1
114 34.5 30.2 36.9

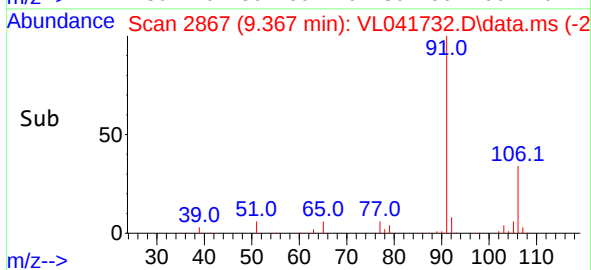
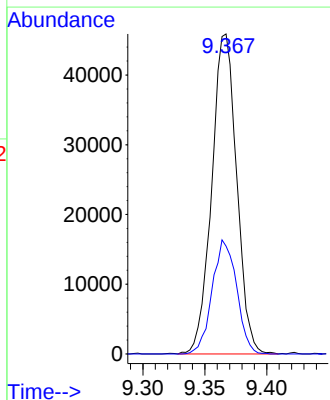
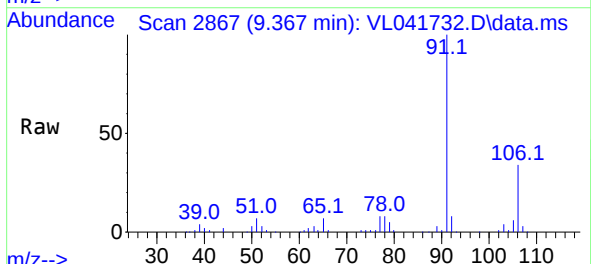
Manual Integrations
APPROVED

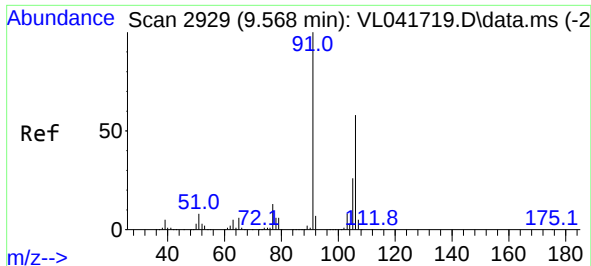
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#58
Ethyl Benzene
Concen: 0.418 ppbv
RT: 9.367 min Scan# 2867
Delta R.T. -0.003 min
Lab File: VL041732.D
Acq: 11 Dec 2024 21:34

Tgt Ion: 91 Resp: 64390
Ion Ratio Lower Upper
91 100
106 33.7 28.6 43.0





#59

m/p-Xylene

Concen: 0.833 ppbv m

RT: 9.561 min Scan# 29

Delta R.T. -0.007 min

Lab File: VL041732.D

Acq: 11 Dec 2024 21:34

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT4-2024

Tgt Ion: 91 Resp: 9825

Ion Ratio Lower Upper

91 100

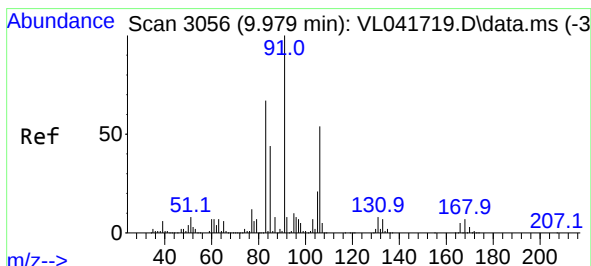
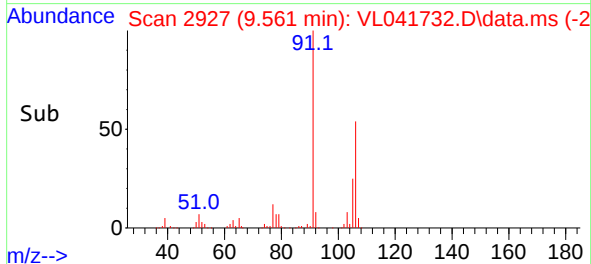
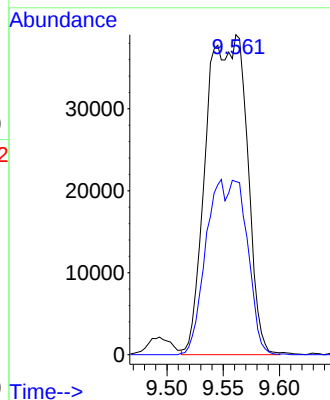
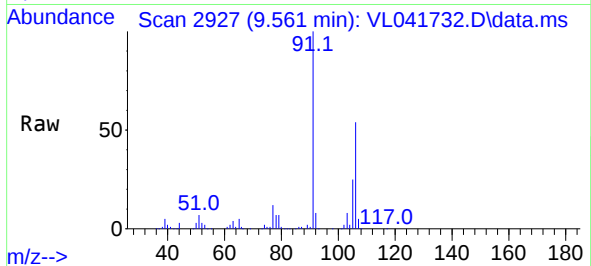
106 0.0 45.1 67.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/13/2024

Supervised By :Semsettin Yesilyurt 12/13/2024



#60

o-Xylene

Concen: 0.412 ppbv

RT: 9.972 min Scan# 3054

Delta R.T. -0.007 min

Lab File: VL041732.D

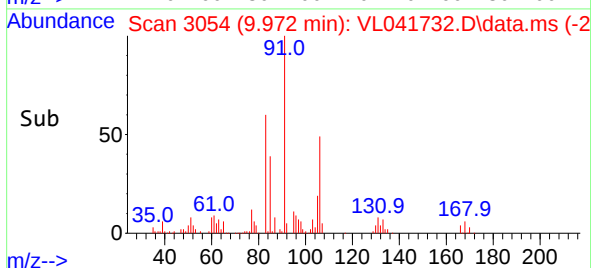
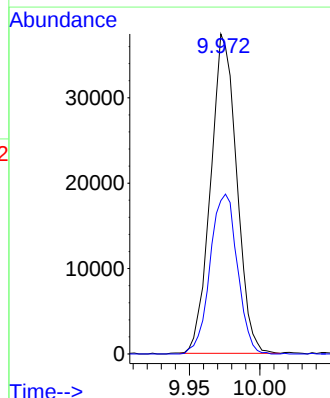
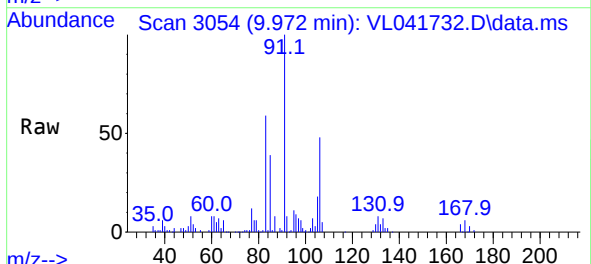
Acq: 11 Dec 2024 21:34

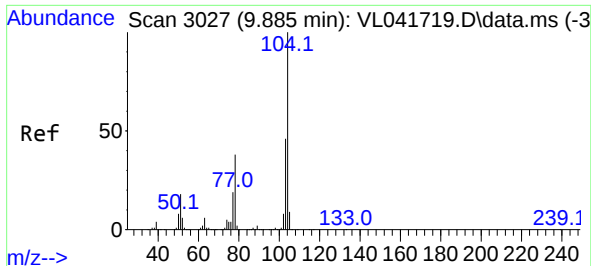
Tgt Ion: 91 Resp: 48141

Ion Ratio Lower Upper

91 100

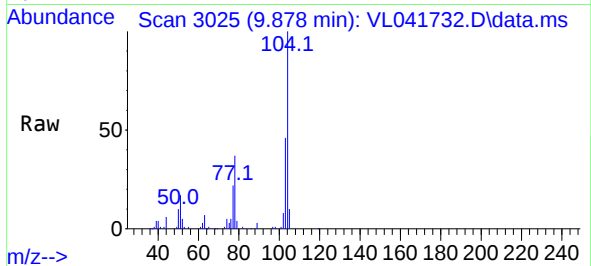
106 52.4 26.8 80.4





#61
Styrene
Concen: 0.366 ppbv
RT: 9.878 min Scan# 3027
Delta R.T. -0.007 min
Lab File: VL041732.D
Acq: 11 Dec 2024 21:34

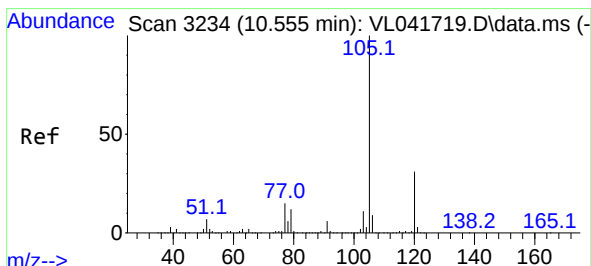
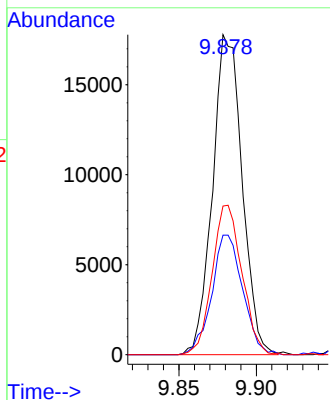
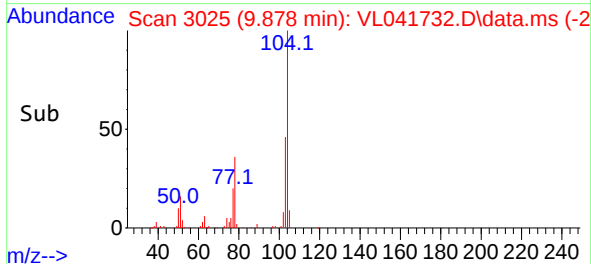
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



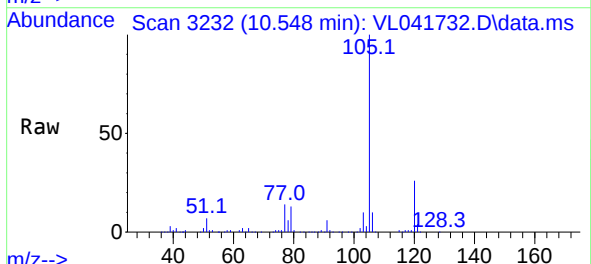
Tgt Ion:104 Resp: 23610
Ion Ratio Lower Upper
104 100
78 39.1 30.2 45.4
103 47.0 36.7 55.1

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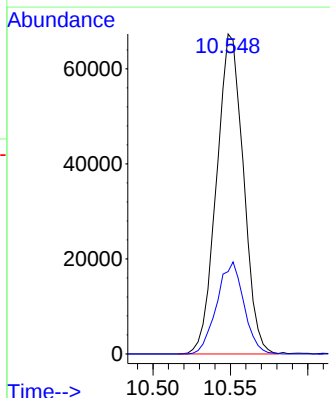
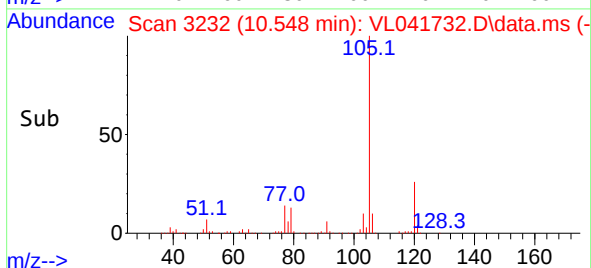
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

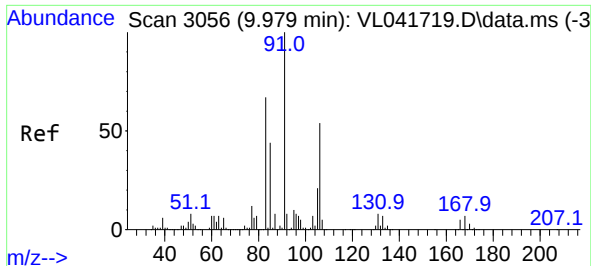


#62
Isopropylbenzene
Concen: 0.421 ppbv
RT: 10.548 min Scan# 3232
Delta R.T. -0.007 min
Lab File: VL041732.D
Acq: 11 Dec 2024 21:34



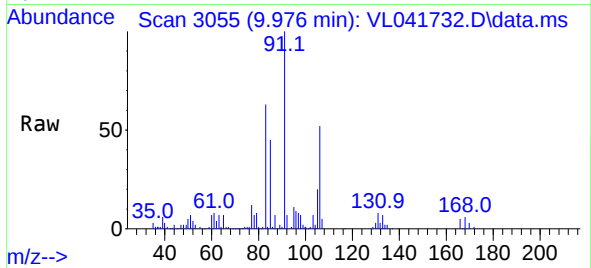
Tgt Ion:105 Resp: 81179
Ion Ratio Lower Upper
105 100
120 28.9 24.3 36.5





#63
1,1,2,2-Tetrachloroethane
Concen: 0.395 ppbv
RT: 9.976 min Scan# 3055
Delta R.T. -0.003 min
Lab File: VL041732.D
Acq: 11 Dec 2024 21:34

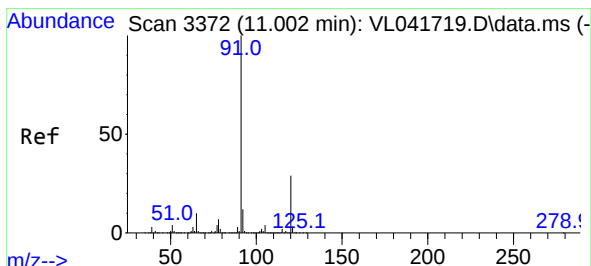
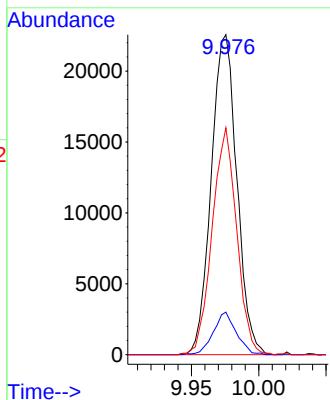
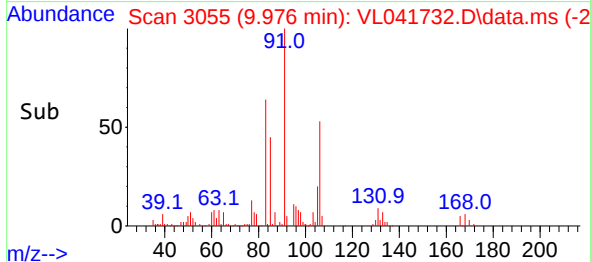
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



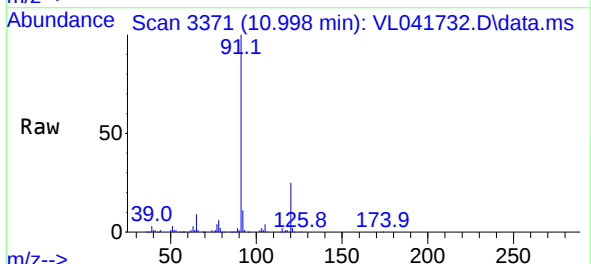
Tgt Ion: 83 Resp: 29902
Ion Ratio Lower Upper
83 100
131 12.0 5.9 17.6
85 67.7 32.8 98.4

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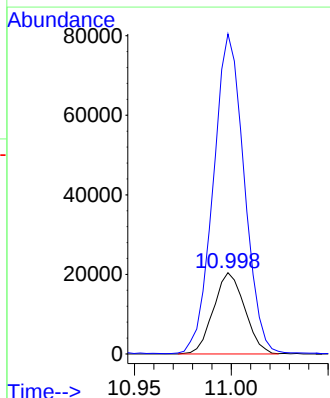
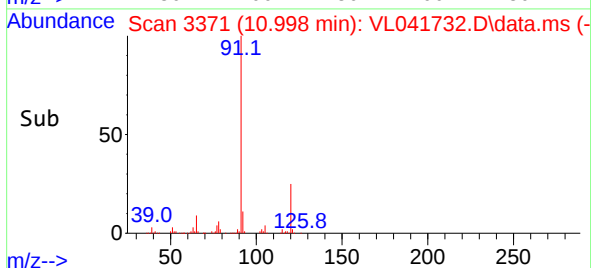
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

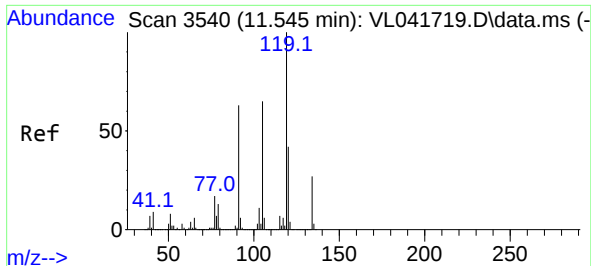


#64
n-propylbenzene
Concen: 0.402 ppbv
RT: 10.998 min Scan# 3371
Delta R.T. -0.003 min
Lab File: VL041732.D
Acq: 11 Dec 2024 21:34



Tgt Ion:120 Resp: 22827
Ion Ratio Lower Upper
120 100
91 391.5 290.8 436.2





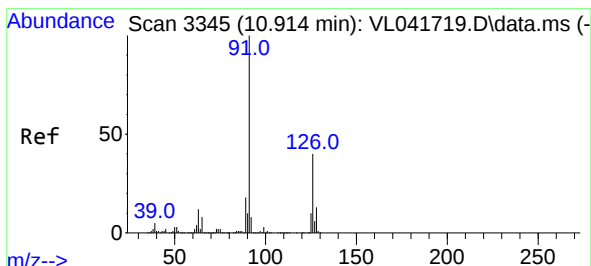
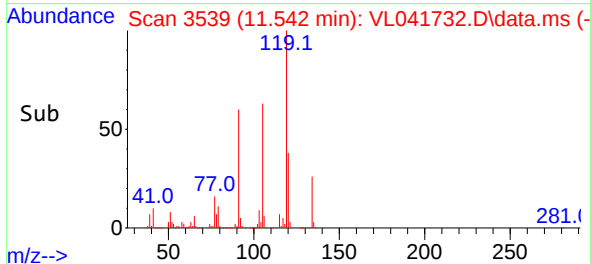
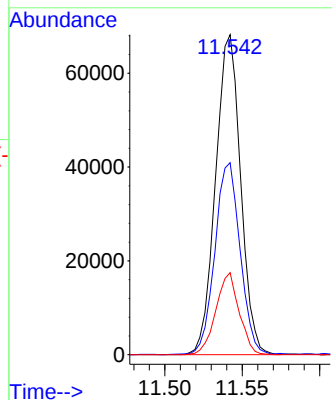
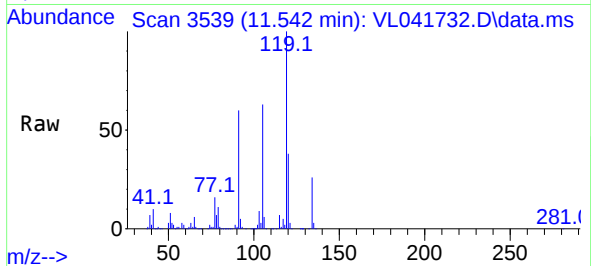
#65
tert-Butylbenzene
Concen: 0.419 ppbv
RT: 11.542 min Scan# 3539
Delta R.T. -0.003 min
Lab File: VL041732.D
Acq: 11 Dec 2024 21:34

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

Tgt Ion:119 Resp: 7672
Ion Ratio Lower Upper
119 100
91 60.7 50.2 75.4
134 23.8 20.4 30.6

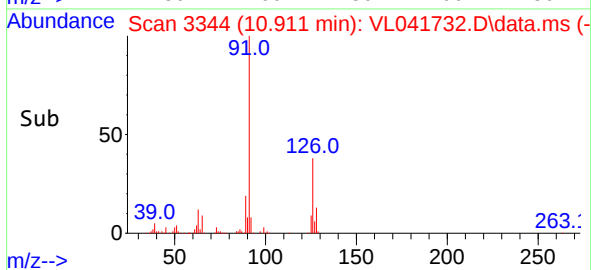
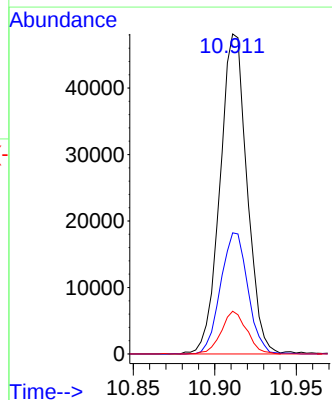
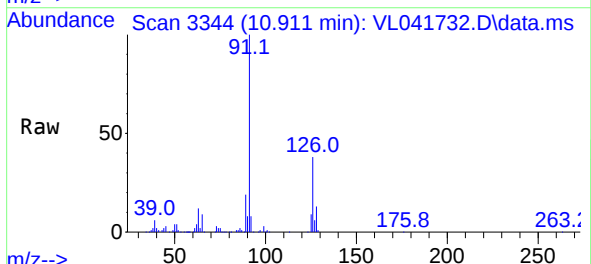
Manual Integrations
APPROVED

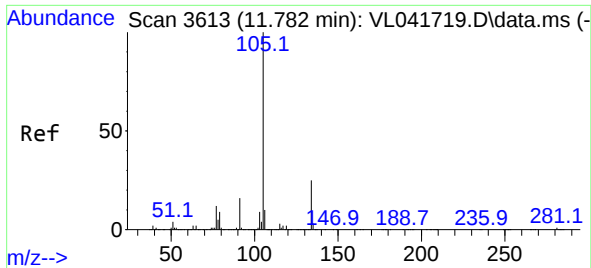
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#66
Benzyl Chloride
Concen: 0.422 ppbv
RT: 10.911 min Scan# 3344
Delta R.T. -0.003 min
Lab File: VL041732.D
Acq: 11 Dec 2024 21:34

Tgt Ion: 91 Resp: 55416
Ion Ratio Lower Upper
91 100
126 38.3 31.8 47.8
128 12.6 10.3 15.5





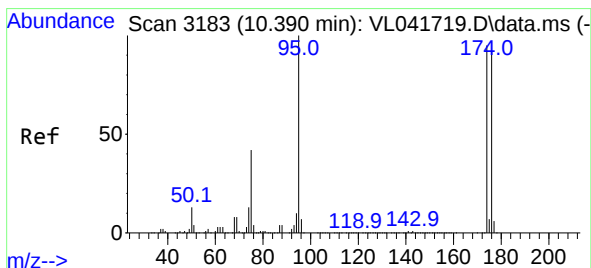
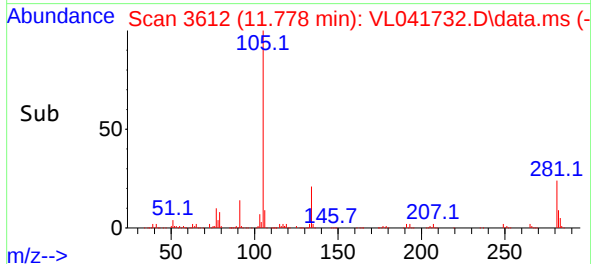
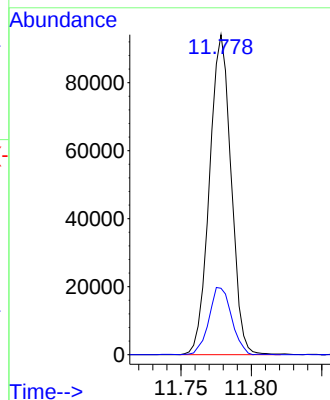
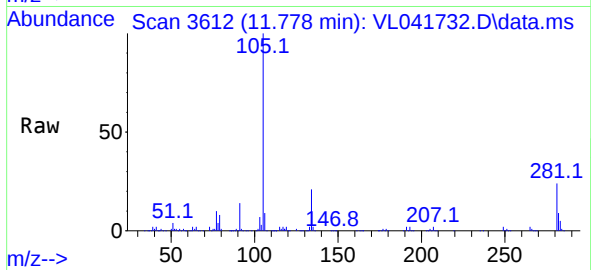
#67
 sec-Butylbenzene
 Concen: 0.425 ppbv
 RT: 11.778 min Scan# 30
 Delta R.T. -0.003 min
 Lab File: VL041732.D
 Acq: 11 Dec 2024 21:34

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

Tgt Ion:105 Resp: 100712
 Ion Ratio Lower Upper
 105 100
 134 22.1 19.3 28.9

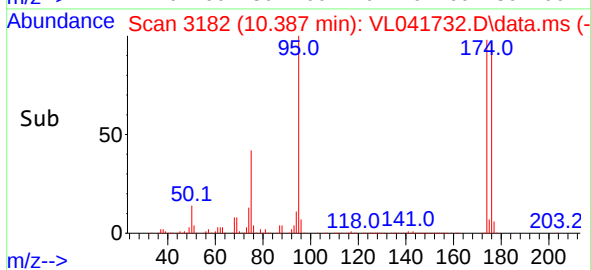
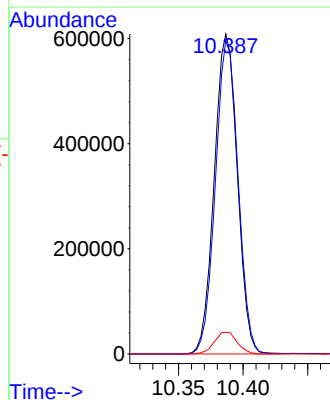
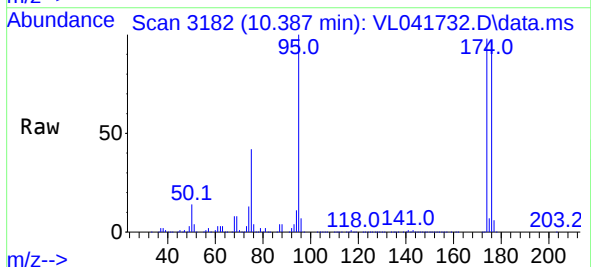
Manual Integrations
 APPROVED

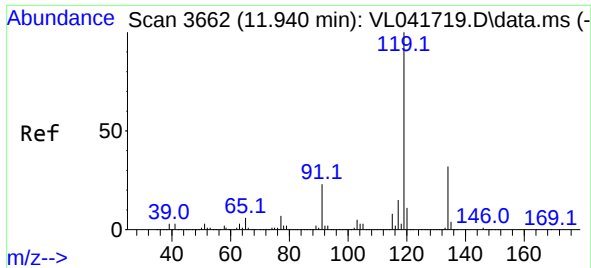
Reviewed By :Mahesh Dadoda 12/13/2024
 Supervised By :Semsettin Yesilyurt 12/13/2024



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.962 ppbv
 RT: 10.387 min Scan# 3182
 Delta R.T. -0.003 min
 Lab File: VL041732.D
 Acq: 11 Dec 2024 21:34

Tgt Ion: 95 Resp: 753530
 Ion Ratio Lower Upper
 95 100
 174 96.9 76.7 115.1
 175 6.8 5.4 8.2





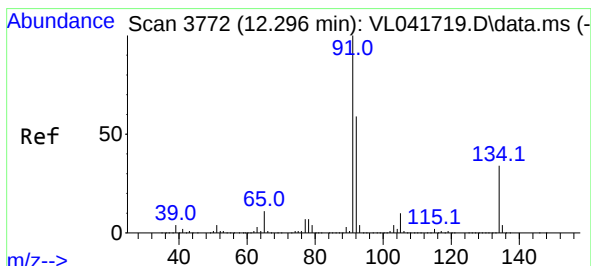
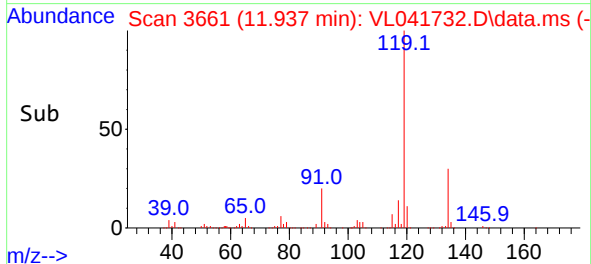
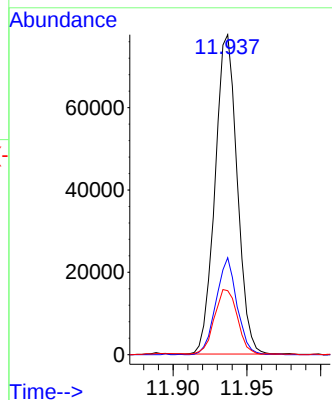
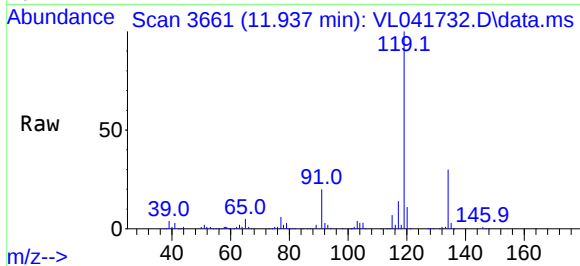
#69
p-Isopropyltoluene
Concen: 0.397 ppbv
RT: 11.937 min Scan# 3661
Delta R.T. -0.003 min
Lab File: VL041732.D
Acq: 11 Dec 2024 21:34

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

Tgt Ion:119 Resp: 81070
Ion Ratio Lower Upper
119 100
134 28.7 24.6 36.8
91 22.2 17.8 26.8

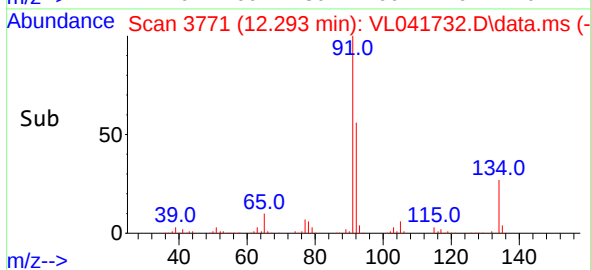
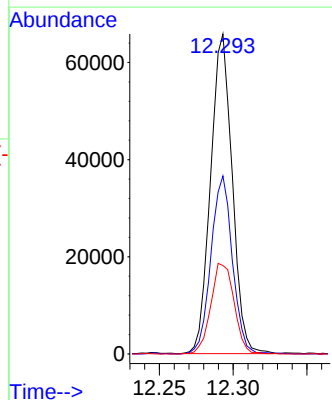
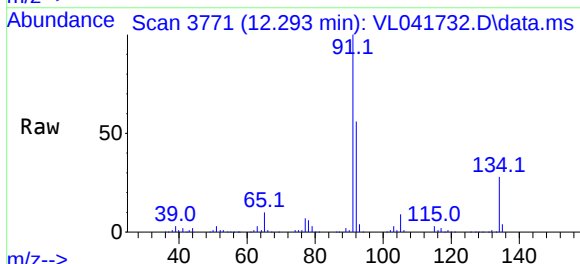
Manual Integrations
APPROVED

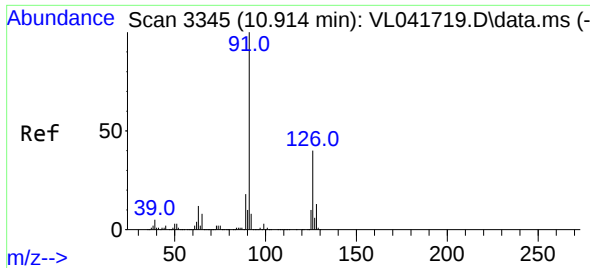
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#70
n-Butylbenzene
Concen: 0.396 ppbv
RT: 12.293 min Scan# 3771
Delta R.T. -0.003 min
Lab File: VL041732.D
Acq: 11 Dec 2024 21:34

Tgt Ion: 91 Resp: 67085
Ion Ratio Lower Upper
91 100
92 55.6 46.7 70.1
134 30.6 26.2 39.4





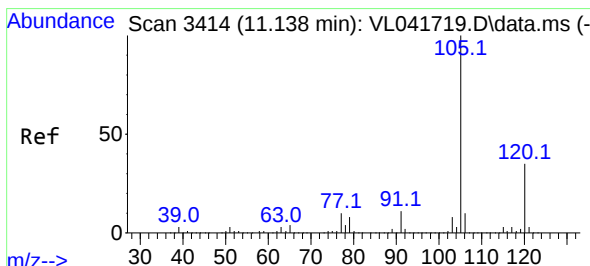
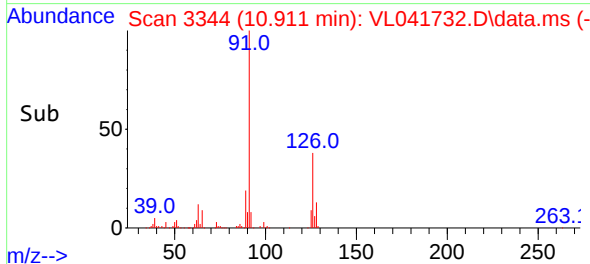
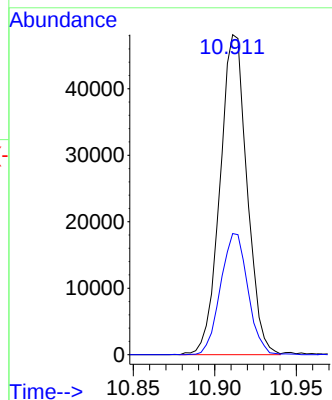
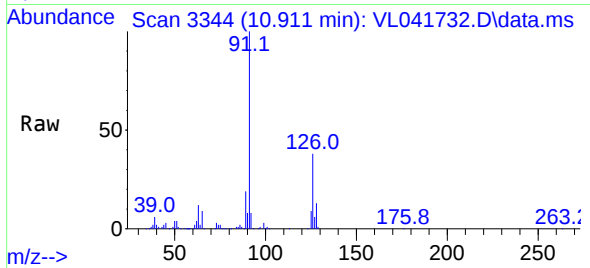
#71
2-Chlorotoluene
Concen: 0.422 ppbv
RT: 10.911 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL041732.D
Acq: 11 Dec 2024 21:34

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

Tgt Ion: 91 Resp: 55410
Ion Ratio Lower Upper
91 100
126 38.3 15.9 63.7

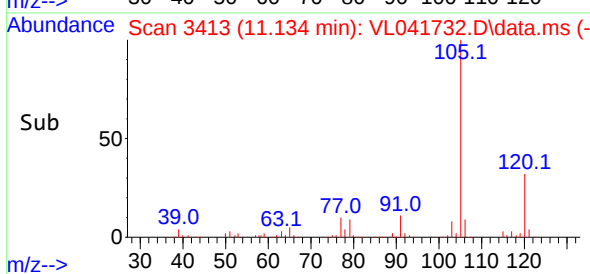
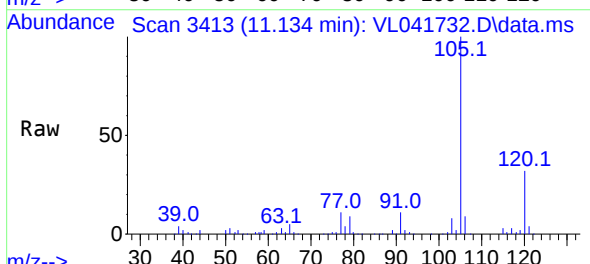
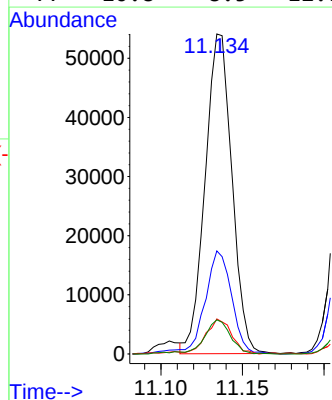
Manual Integrations
APPROVED

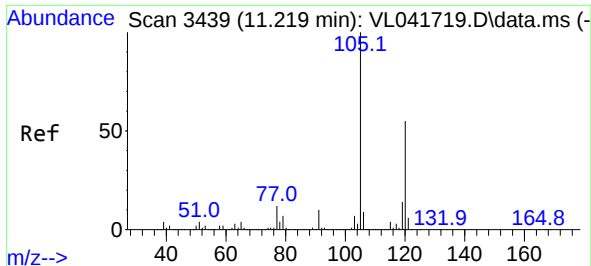
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#72
4-Ethyltoluene
Concen: 0.409 ppbv
RT: 11.134 min Scan# 3413
Delta R.T. -0.003 min
Lab File: VL041732.D
Acq: 11 Dec 2024 21:34

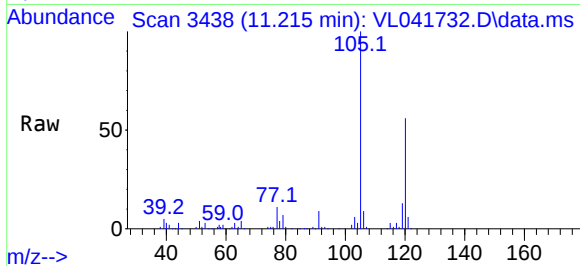
Tgt Ion:105 Resp: 61757
Ion Ratio Lower Upper
105 100
120 32.6 28.0 42.0
91 11.2 8.8 13.2
77 10.8 8.5 12.7





#73
1,3,5-Trimethylbenzene
Concen: 0.396 ppbv
RT: 11.215 min Scan# 3439
Delta R.T. -0.003 min
Lab File: VL041732.D
Acq: 11 Dec 2024 21:34

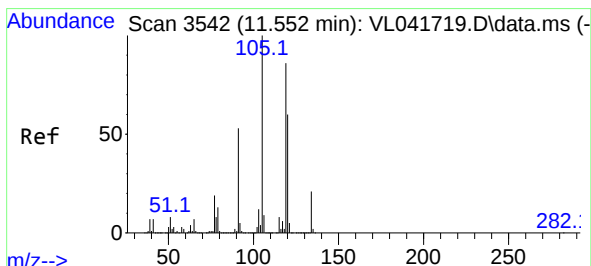
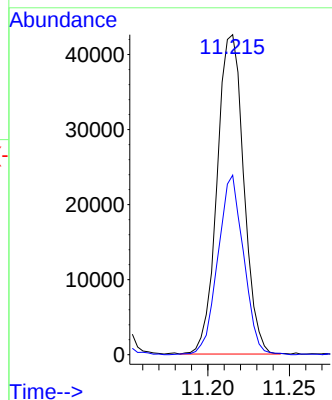
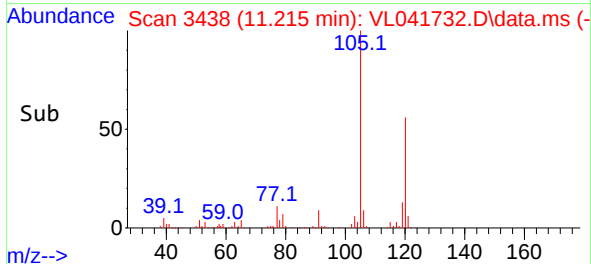
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



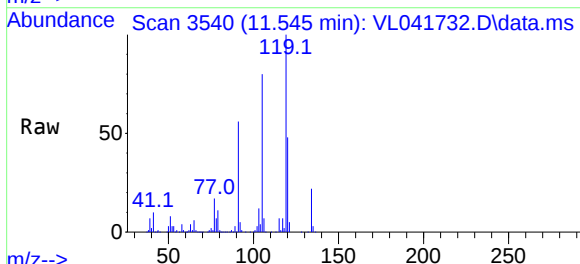
Tgt Ion:105 Resp: 48362
Ion Ratio Lower Upper
105 100
120 56.0 43.6 65.4

Manual Integrations
APPROVED

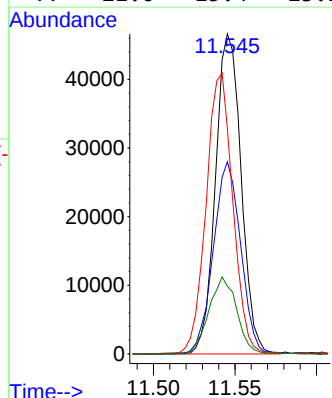
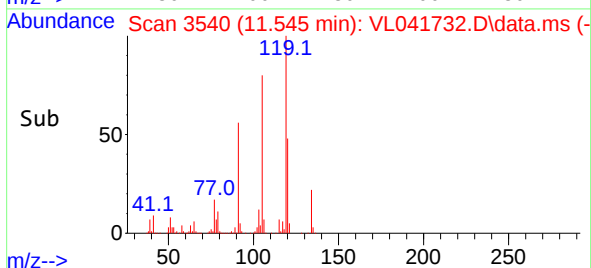
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

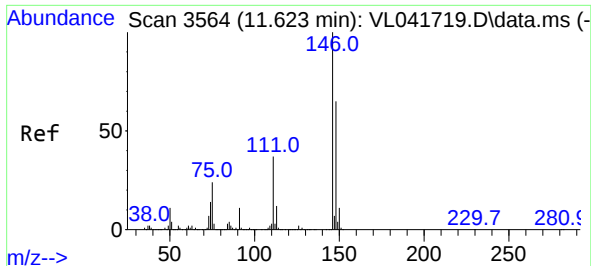


#74
1,2,4-Trimethylbenzene
Concen: 0.383 ppbv
RT: 11.545 min Scan# 3540
Delta R.T. -0.007 min
Lab File: VL041732.D
Acq: 11 Dec 2024 21:34



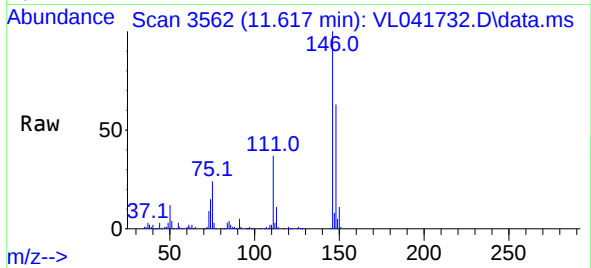
Tgt Ion:105 Resp: 50936
Ion Ratio Lower Upper
105 100
120 59.7 47.8 71.6
91 70.0 42.5 63.7#
77 21.0 15.4 23.2





#75
1,3-Dichlorobenzene
Concen: 0.425 ppbv
RT: 11.617 min Scan# 3562
Delta R.T. -0.007 min
Lab File: VL041732.D
Acq: 11 Dec 2024 21:34

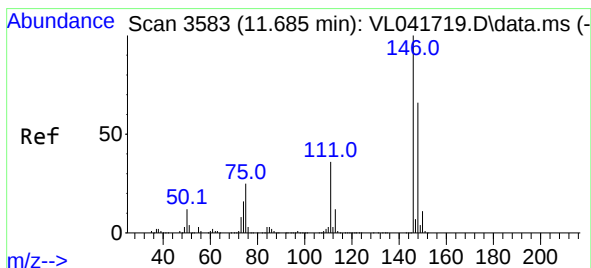
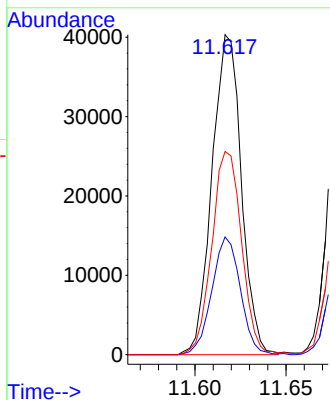
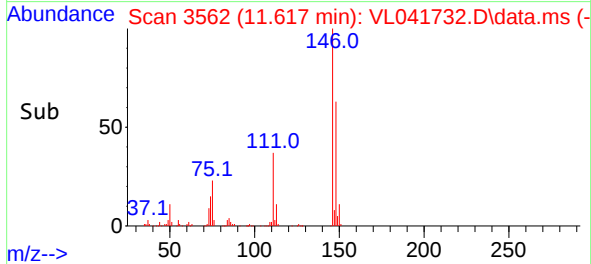
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



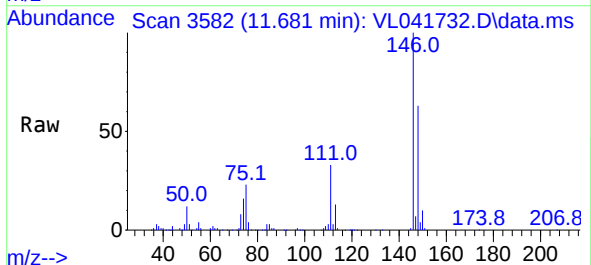
Tgt Ion:146 Resp: 45085
Ion Ratio Lower Upper
146 100
111 35.9 18.4 55.2
148 64.6 32.4 97.2

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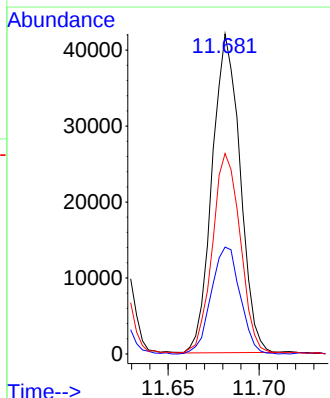
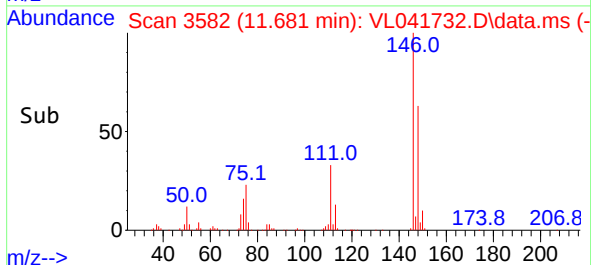
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

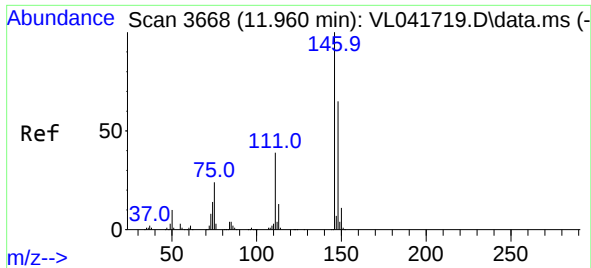


#76
1,4-Dichlorobenzene
Concen: 0.426 ppbv
RT: 11.681 min Scan# 3582
Delta R.T. -0.003 min
Lab File: VL041732.D
Acq: 11 Dec 2024 21:34



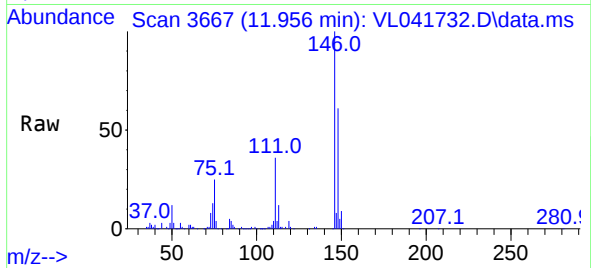
Tgt Ion:146 Resp: 44696
Ion Ratio Lower Upper
146 100
111 34.8 17.8 53.4
148 64.0 32.4 97.2





#77
1,2-Dichlorobenzene
Concen: 0.435 ppbv
RT: 11.956 min Scan# 3667
Delta R.T. -0.003 min
Lab File: VL041732.D
Acq: 11 Dec 2024 21:34

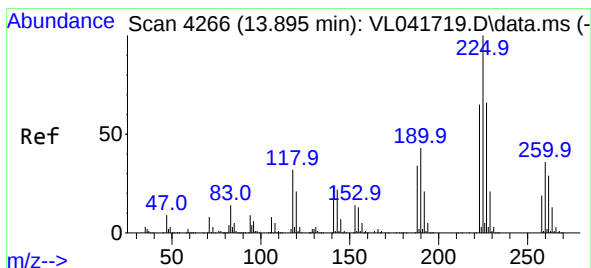
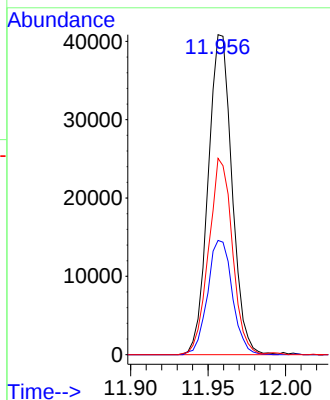
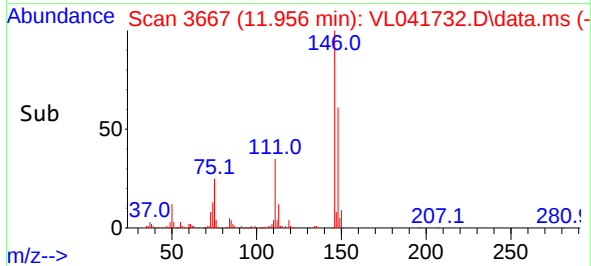
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion:146 Resp: 43709
Ion Ratio Lower Upper
146 100
111 37.2 19.2 57.6
148 61.4 32.4 97.2

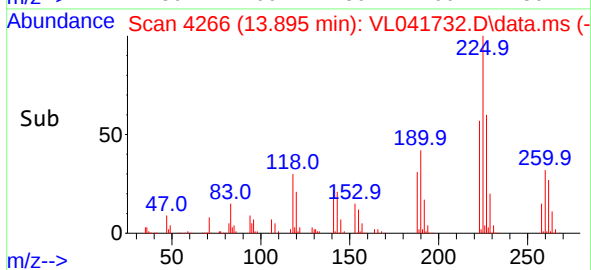
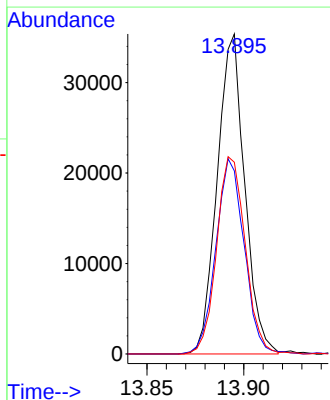
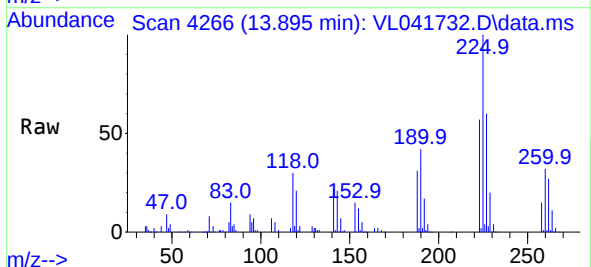
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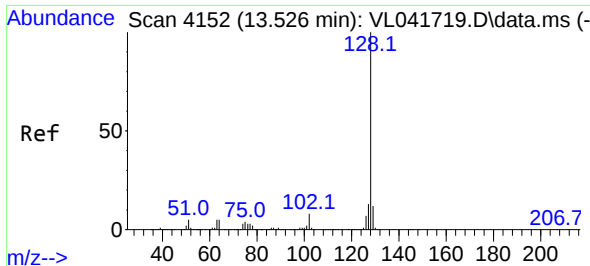
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#78
Hexachloro-1,3-Butadiene
Concen: 0.423 ppbv
RT: 13.895 min Scan# 4266
Delta R.T. -0.000 min
Lab File: VL041732.D
Acq: 11 Dec 2024 21:34

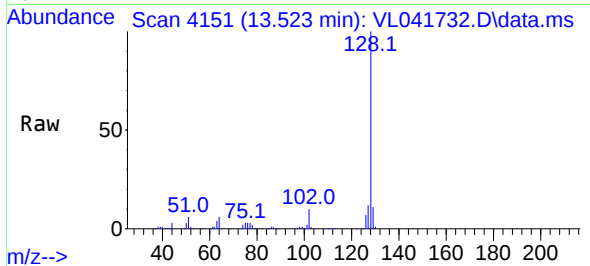
Tgt Ion:225 Resp: 34927
Ion Ratio Lower Upper
225 100
223 63.2 51.1 76.7
227 64.2 51.8 77.6





#79
Naphthalene
Concen: 0.366 ppbv
RT: 13.523 min Scan# 4157
Delta R.T. -0.003 min
Lab File: VL041732.D
Acq: 11 Dec 2024 21:34

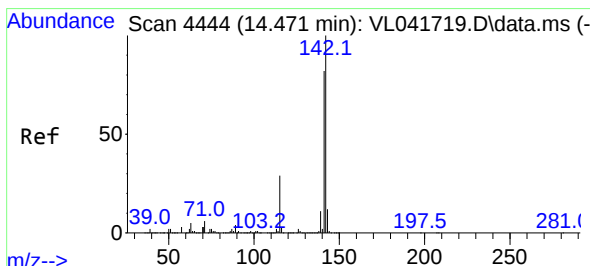
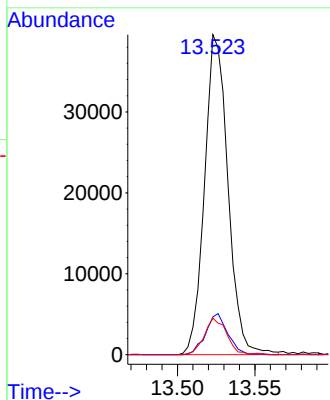
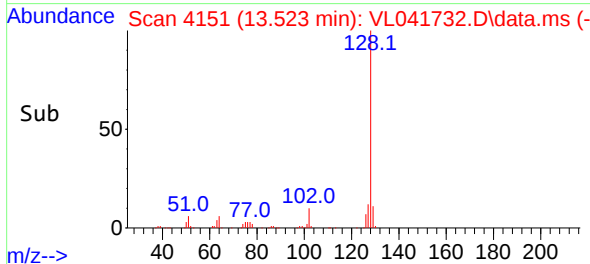
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



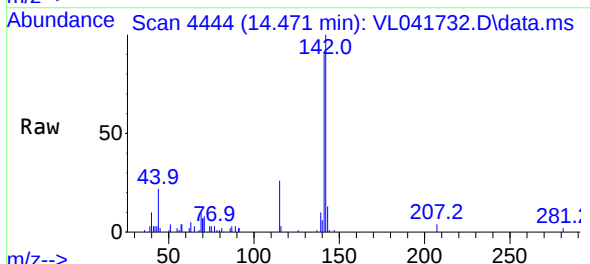
Tgt Ion:128 Resp: 4157
Ion Ratio Lower Upper
128 100
127 11.8 10.2 15.2
129 11.4 9.4 14.0

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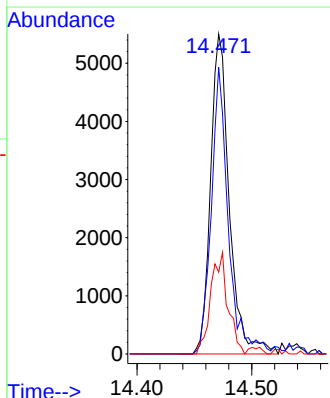
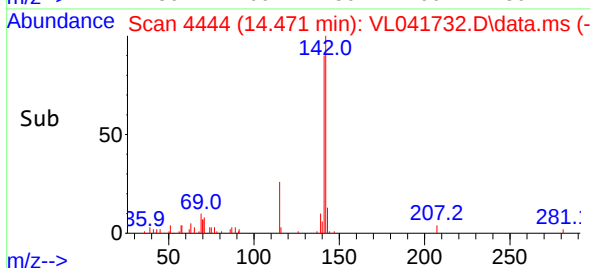
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

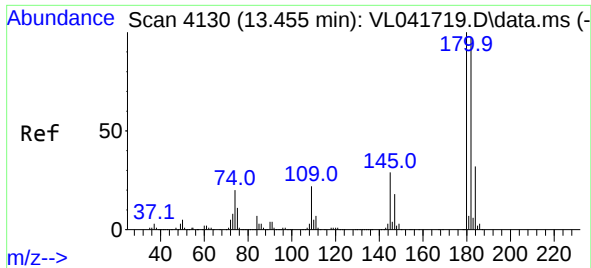


#80
Naphthalene,2-methyl-
Concen: 0.152 ppbv
RT: 14.471 min Scan# 4444
Delta R.T. -0.000 min
Lab File: VL041732.D
Acq: 11 Dec 2024 21:34



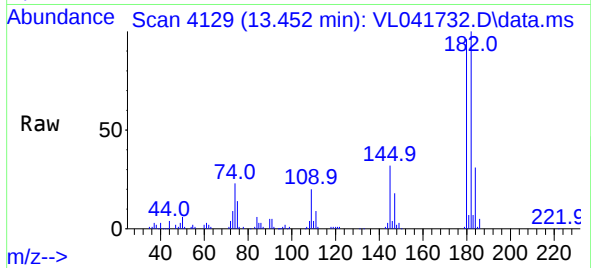
Tgt Ion:142 Resp: 6240
Ion Ratio Lower Upper
142 100
141 81.8 66.0 99.0
115 30.5 22.8 34.2





#81
1,2,4-Trichlorobenzene
Concen: 0.379 ppbv
RT: 13.452 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL041732.D
Acq: 11 Dec 2024 21:34

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



Tgt Ion:180 Resp: 2712
Ion Ratio Lower Upper
180 100
182 98.2 77.2 115.8
184 30.4 25.2 37.8

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

