

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL073124\
 Data File : VL041458.D
 Acq On : 31 Jul 2024 11:34
 Operator : SY/MD
 Sample : P3390-13 0.45 LOD
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT3-2024

Quant Time: Aug 01 03:53:37 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 01 03:53:37 2024

QLast Update : Thu Aug 01 02:36:30 2024

Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 08/01/2024
 Supervised By : Mahesh Dadoda 08/01/2024

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

Internal Standards						
1) Bromochloromethane	5.195	49	986873	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2721624	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	2523121	10.000	ppbv	# 0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.780 95 1949146 10.038 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 100.400%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.732	85	93459	0.550	ppbv	94
3) Chlorodifluoromethane	2.677	51	59608	0.507	ppbv	99
4) Chloromethane	2.816	50	30841	0.494	ppbv	99
5) Vinyl Chloride	2.925	62	28033	0.455	ppbv	95
6) Bromomethane	3.124	94	15388	0.486	ppbv	87
7) Chloroethane	3.201	64	10651	0.501	ppbv #	88
8) Dichlorotetrafluoroethane	2.861	85	75690	0.503	ppbv	99
9) Propene	2.700	41	25538	0.473	ppbv	98
10) Heptane	7.581	43	49332	0.407	ppbv	98
11) Trichlorofluoromethane	3.562	101	72646	0.482	ppbv	84
12) 1,1,2-Trichlorotrifluo...	4.066	101	53344	0.491	ppbv	96
13) Ethanol	3.272	45	2327m	0.482	ppbv	
14) Bromoethene	3.365	108	18778	0.444	ppbv #	88
15) Acetone	3.488	43	52604	0.469	ppbv #	86
16) 1,3-Butadiene	2.989	39	23673	0.395	ppbv	84
17) tert-Butyl alcohol	3.896	59	47454	0.464	ppbv	99
18) 1,1-Dichloroethene	3.883	96	22873	0.492	ppbv	87
19) Isopropyl Alcohol	3.600	45	27219	0.415	ppbv #	90
20) Methylene Chloride	3.938	84	22148	0.530	ppbv	92
21) Allyl Chloride	3.999	41	30203	0.411	ppbv #	78
22) trans-1,2-Dichloroethene	4.449	96	20854	0.449	ppbv	91
23) Vinyl Acetate	4.642	43	38285	0.447	ppbv #	93
24) 1,1-Dichloroethane	4.565	63	47217	0.468	ppbv	99
25) Ethyl Acetate	5.214	43	94231	0.423	ppbv #	96
26) Hexane	5.214	57	40760	0.441	ppbv	92
27) Carbon Disulfide	4.131	76	38168	0.353	ppbv #	68
28) Methyl tert-Butyl Ether	4.600	73	27377	0.470	ppbv	96
29) Chloroform	5.275	83	68853	0.457	ppbv	97
30) Cyclohexane	6.603	84	29567m	0.393	ppbv	
31) cis-1,2-Dichloroethene	5.076	61	35858m	0.393	ppbv	
32) 1,1,1-Trichloroethane	6.002	97	63319	0.432	ppbv	96
34) 2-Butanone	4.803	43	52227	0.397	ppbv	94
35) Carbon Tetrachloride	6.500	117	64220	0.428	ppbv #	91
36) Benzene	6.369	78	85020	0.428	ppbv	96
37) 1,2-Dichloroethane	5.806	62	52421	0.471	ppbv	97
38) Trichloroethene	7.291	130	39389	0.432	ppbv	92
39) 1,2-Dichloropropane	7.076	63	34804m	0.457	ppbv	
40) 1,4-Dioxane	7.327	88	10661m	0.349	ppbv	
41) Tetrahydrofuran	5.581	42	27056	0.359	ppbv #	91
42) Bromodichloromethane	7.253	83	63452	0.395	ppbv	95
43) Methyl Methacrylate	7.487	69	26491m	0.371	ppbv	
44) 2,2,4-Trimethylpentane	7.327	57	141936	0.427	ppbv	93
45) t-1,3-Dichloropropene	8.719	75	20542m	0.313	ppbv	

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 LOD-MDL-AIR-01-QT3-2024

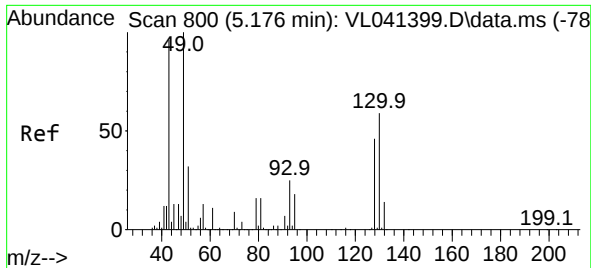
Quant Time: Aug 01 03:53:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 01 03:53:37 2024
 QLast Update : Thu Aug 01 02:36:30 2024
 Response via : Initial Calibration

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 08/01/2024
 Supervised By :Mahesh Dadoda 08/01/2024

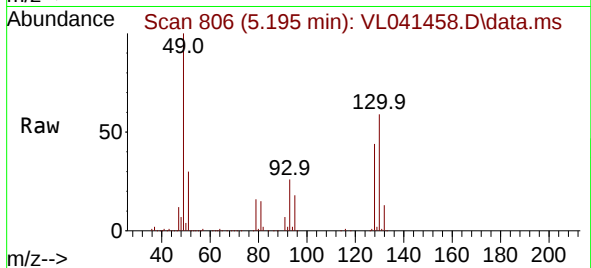
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.147	75	31513m	0.332	ppbv	
47) 1,1,2-Trichloroethane	8.896	97	37068	0.442	ppbv	90
48) Dibromochloromethane	9.716	129	48073m	0.356	ppbv	
49) Bromoform	12.417	173	36653m	0.321	ppbv	
50) 4-Methyl-2-Pentanone	8.204	43	76216	0.367	ppbv	98
51) 2-Hexanone	9.574	43	54231m	0.345	ppbv	
52) Tetrachloroethene	10.619	164	32731m	0.426	ppbv	
53) Toluene	9.230	91	77996m	0.352	ppbv	
54) 1,2-Dibromoethane	10.011	107	46986	0.421	ppbv	97
56) 1,1,1,2-Tetrachloroethane	11.507	131	44155m	0.451	ppbv	
57) Chlorobenzene	11.532	112	86946m	0.484	ppbv	
58) Ethyl Benzene	12.092	91	111881	0.385	ppbv #	87
59) m/p-Xylene	12.372	91	202232m	0.806	ppbv	
60) o-Xylene	13.063	91	90339	0.380	ppbv	99
61) Styrene	12.896	104	31023	0.290	ppbv	89
62) Isopropylbenzene	14.034	105	152382	0.422	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.053	83	70747	0.472	ppbv	95
64) n-propylbenzene	14.918	120	37447	0.397	ppbv	74
65) tert-Butylbenzene	16.092	119	130125m	0.399	ppbv	
66) Benzyl Chloride	16.326	91	6285m	0.300	ppbv	
67) sec-Butylbenzene	16.641	105	187315	0.417	ppbv	100
69) p-Isopropyltoluene	17.002	119	138358	0.371	ppbv	95
70) n-Butylbenzene	17.899	91	152186	0.398	ppbv	96
71) 2-Chlorotoluene	14.806	91	109829	0.413	ppbv	100
72) 4-Ethyltoluene	15.195	105	101829	0.364	ppbv #	93
73) 1,3,5-Trimethylbenzene	15.355	105	93690	0.389	ppbv	94
74) 1,2,4-Trimethylbenzene	16.114	105	113505	0.405	ppbv #	94
75) 1,3-Dichlorobenzene	16.333	146	75706m	0.430	ppbv	
76) 1,4-Dichlorobenzene	16.477	146	67894	0.398	ppbv	85
77) 1,2-Dichlorobenzene	17.153	146	73583m	0.422	ppbv	
78) Hexachloro-1,3-Butadiene	22.628	225	72783m	0.489	ppbv	
79) Naphthalene	21.403	128	79028m	0.320	ppbv	
80) Naphthalene,2-methyl-	24.377	142	40754m	0.197	ppbv	
81) 1,2,4-Trichlorobenzene	21.146	180	50104m	0.341	ppbv	

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. -0.000 min
Lab File: VL041458.D
Acq: 31 Jul 2024 11:34

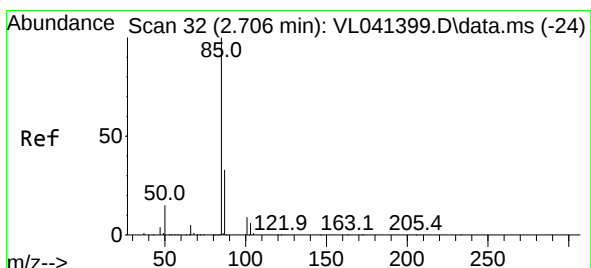
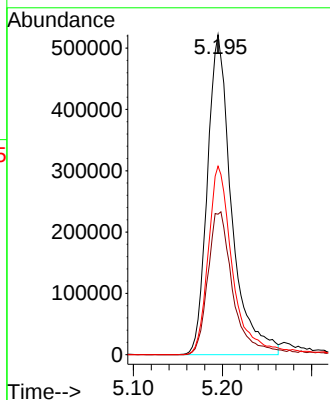
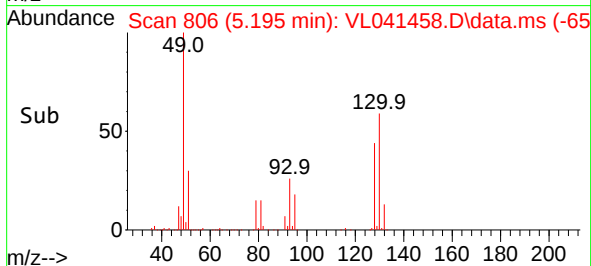
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2024



Tgt Ion: 49 Resp: 98687
Ion Ratio Lower Upper
49 100
128 48.0 23.8 71.4
130 61.8 30.8 92.4

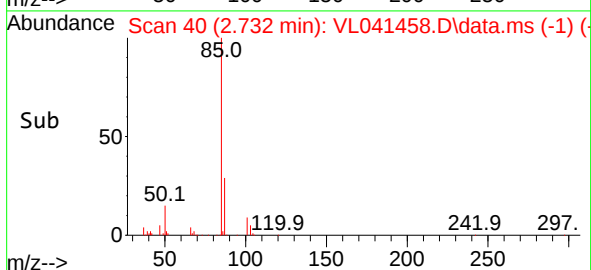
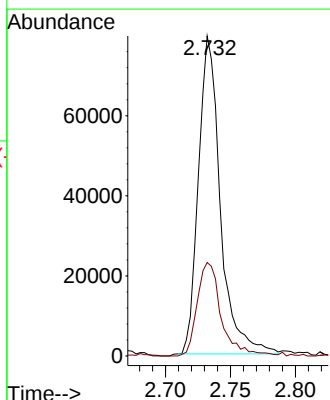
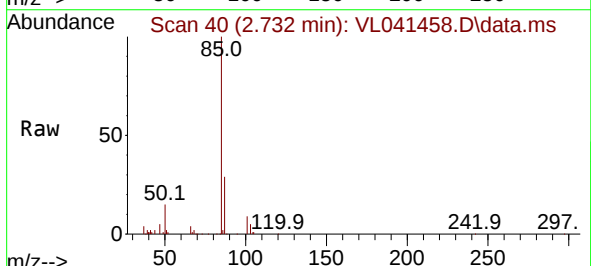
Manual Integrations
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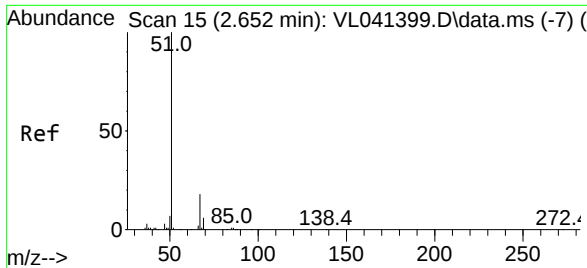
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#2
Dichlorodifluoromethane
Concen: 0.550 ppbv
RT: 2.732 min Scan# 40
Delta R.T. 0.003 min
Lab File: VL041458.D
Acq: 31 Jul 2024 11:34

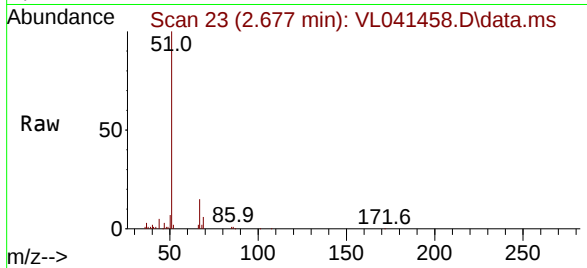
Tgt Ion: 85 Resp: 93459
Ion Ratio Lower Upper
85 100
87 29.4 26.0 39.0





#3
Chlorodifluoromethane
Concen: 0.507 ppbv
RT: 2.677 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041458.D
Acq: 31 Jul 2024 11:34

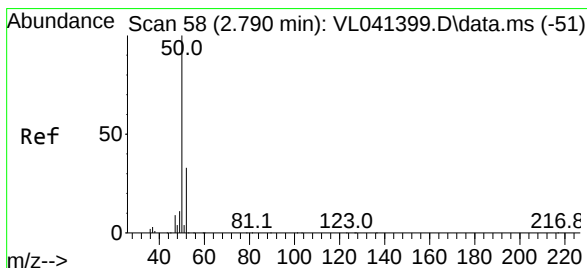
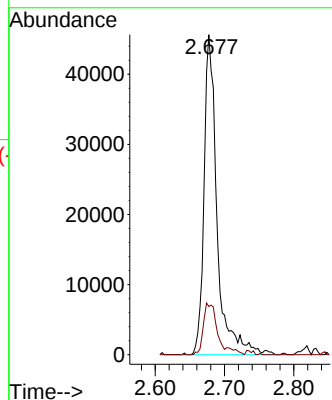
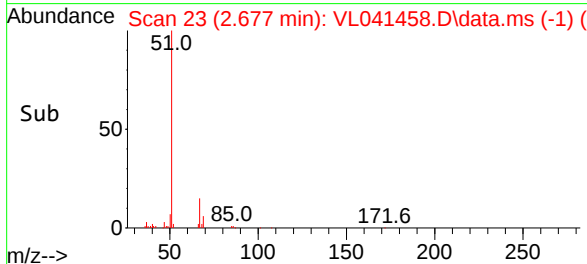
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2024



Tgt Ion: 51 Resp: 59608
Ion Ratio Lower Upper
51 100
67 17.6 14.5 21.7

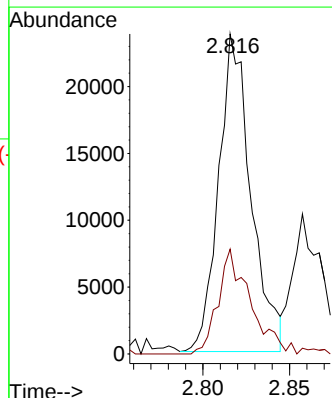
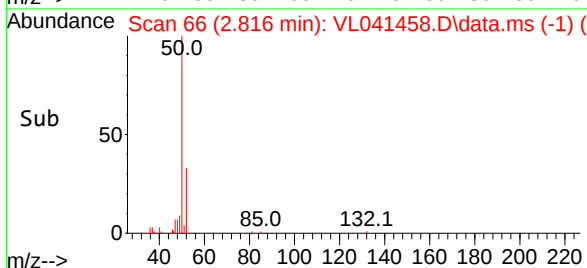
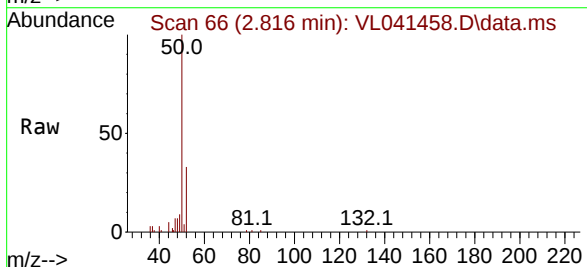
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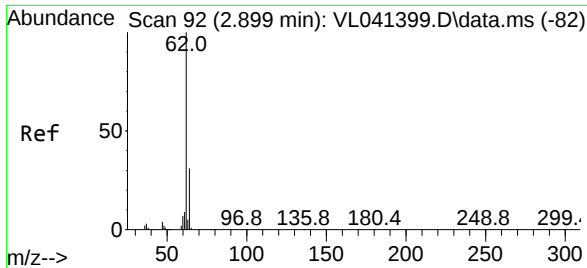
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#4
Chloromethane
Concen: 0.494 ppbv
RT: 2.816 min Scan# 66
Delta R.T. 0.003 min
Lab File: VL041458.D
Acq: 31 Jul 2024 11:34

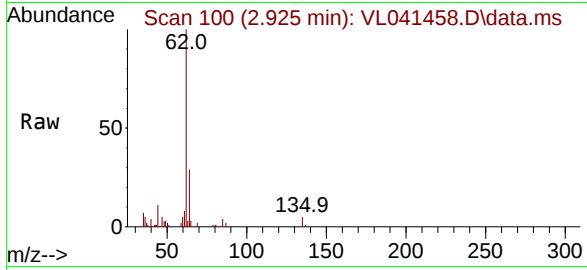
Tgt Ion: 50 Resp: 30841
Ion Ratio Lower Upper
50 100
52 33.0 26.1 39.1





#5
 Vinyl Chloride
 Concen: 0.455 ppbv
 RT: 2.925 min Scan# 100
 Delta R.T. 0.003 min
 Lab File: VL041458.D
 Acq: 31 Jul 2024 11:34

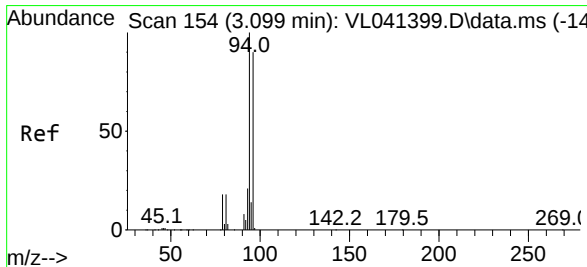
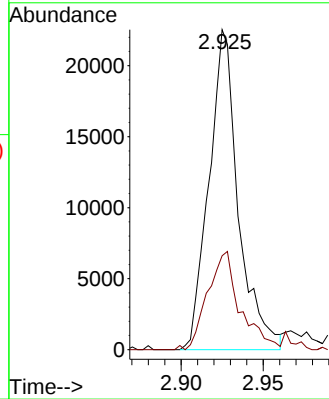
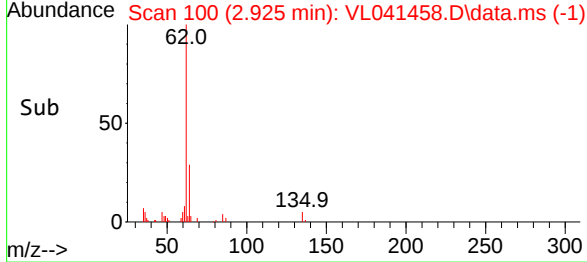
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT3-2024



Tgt Ion: 62 Resp: 2803
 Ion Ratio Lower Upper
 62 100
 64 28.3 25.0 37.4

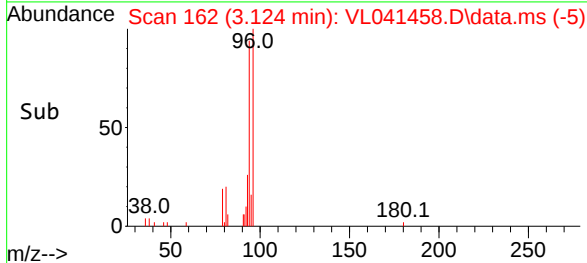
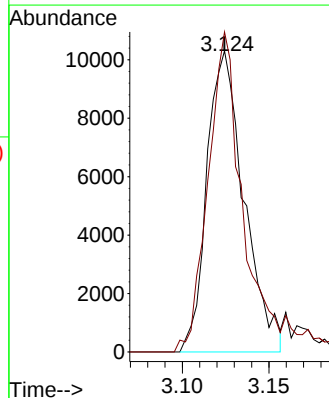
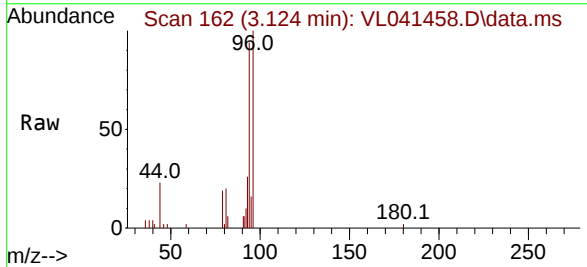
Manual Integrations
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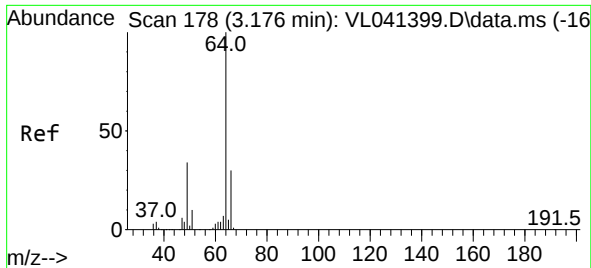
Reviewed By :Semsettin Yesilyurt 08/01/2024
 Supervised By :Mahesh Dadoda 08/01/2024



#6
 Bromomethane
 Concen: 0.486 ppbv
 RT: 3.124 min Scan# 162
 Delta R.T. 0.003 min
 Lab File: VL041458.D
 Acq: 31 Jul 2024 11:34

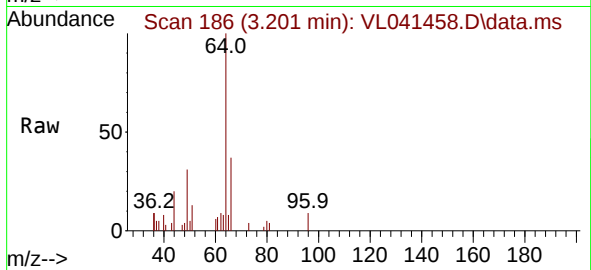
Tgt Ion: 94 Resp: 15388
 Ion Ratio Lower Upper
 94 100
 96 102.4 72.3 108.5





#7
Chloroethane
Concen: 0.501 ppbv
RT: 3.201 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL041458.D
Acq: 31 Jul 2024 11:34

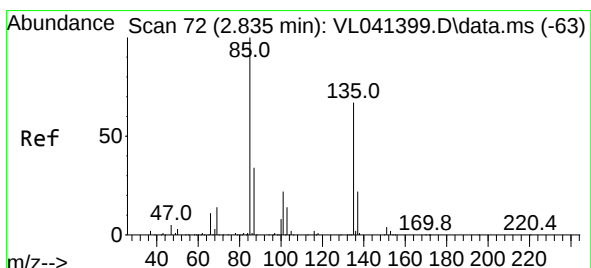
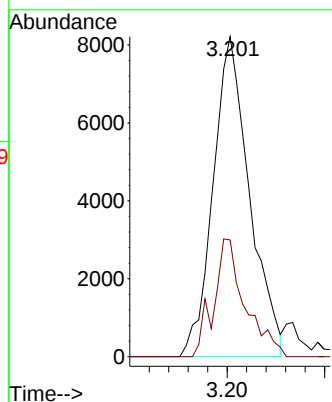
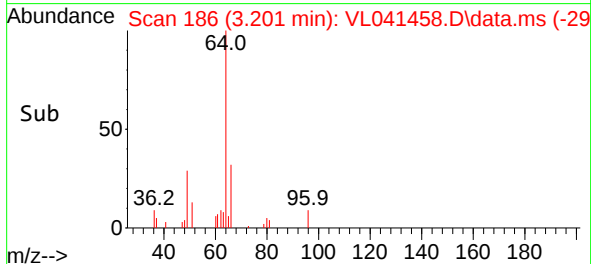
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2024



Tgt Ion: 64 Resp: 1065
Ion Ratio Lower Upper
64 100
66 36.5 24.2 36.2

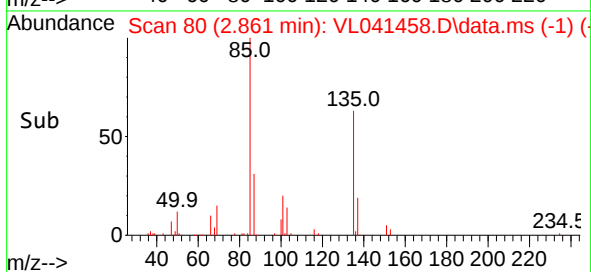
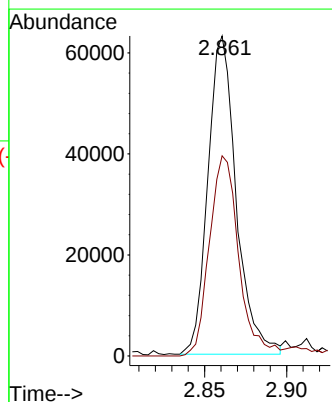
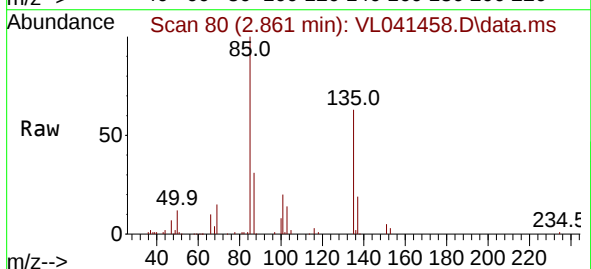
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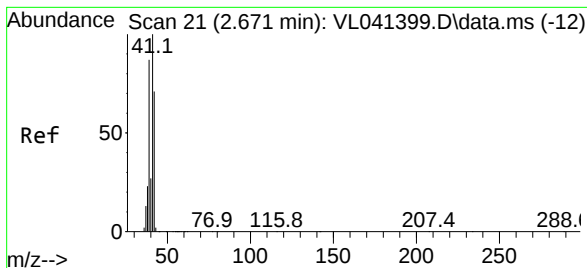
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#8
Dichlorotetrafluoroethane
Concen: 0.503 ppbv
RT: 2.861 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL041458.D
Acq: 31 Jul 2024 11:34

Tgt Ion: 85 Resp: 75690
Ion Ratio Lower Upper
85 100
135 68.4 55.4 83.0





#9

Propene

Concen: 0.473 ppbv

RT: 2.700 min Scan# 30

Delta R.T. 0.006 min

Lab File: VL041458.D

Acq: 31 Jul 2024 11:34

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT3-2024

Tgt Ion: 41 Resp: 25538

Ion Ratio Lower Upper

41 100

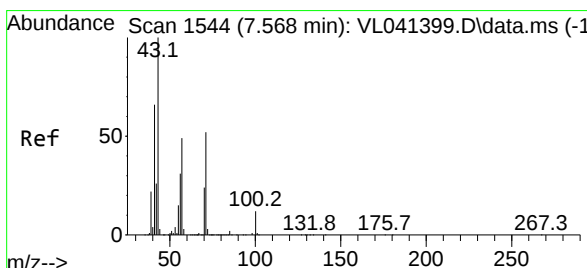
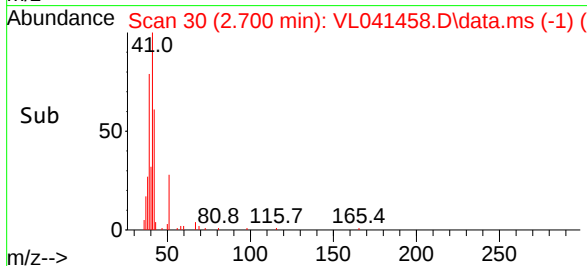
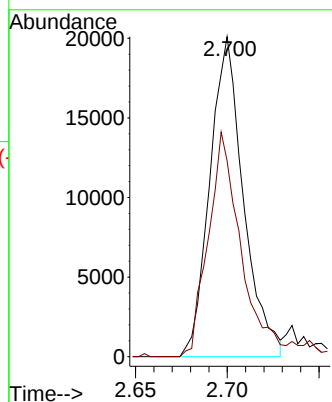
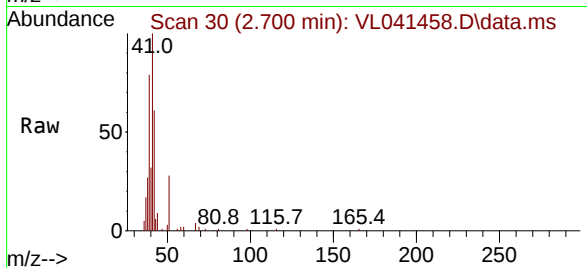
42 71.5 55.9 83.9

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/01/2024

Supervised By :Mahesh Dadoda 08/01/2024



#10

Heptane

Concen: 0.407 ppbv

RT: 7.581 min Scan# 1548

Delta R.T. -0.003 min

Lab File: VL041458.D

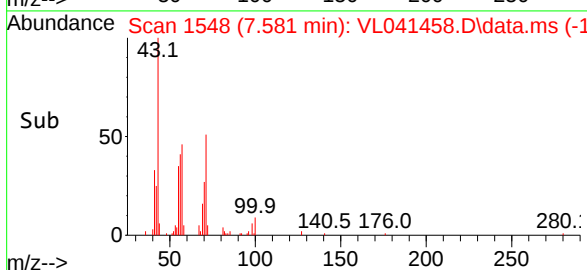
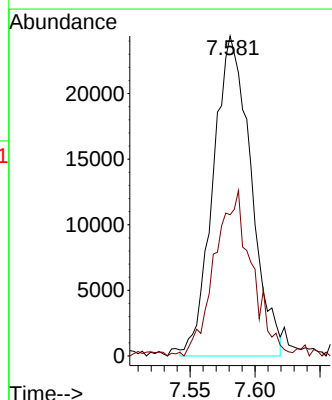
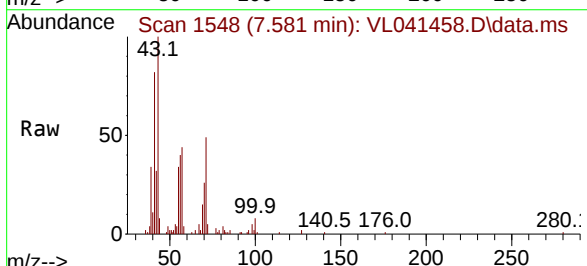
Acq: 31 Jul 2024 11:34

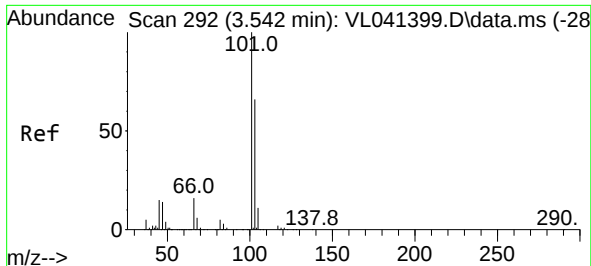
Tgt Ion: 43 Resp: 49332

Ion Ratio Lower Upper

43 100

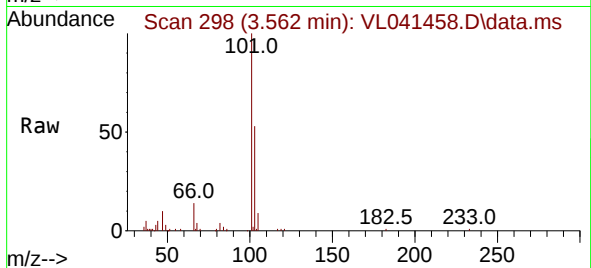
57 52.0 40.5 60.7





#11
Trichlorofluoromethane
Concen: 0.482 ppbv
RT: 3.562 min Scan# 292
Delta R.T. -0.003 min
Lab File: VL041458.D
Acq: 31 Jul 2024 11:34

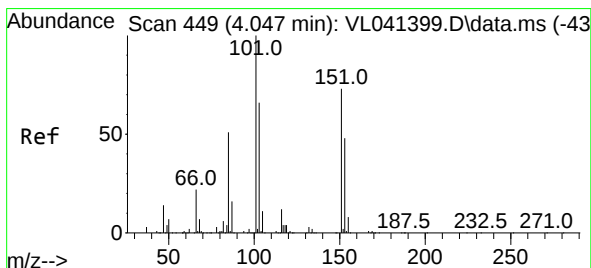
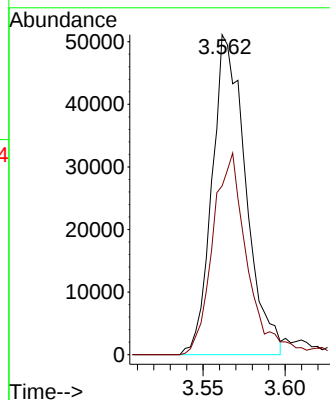
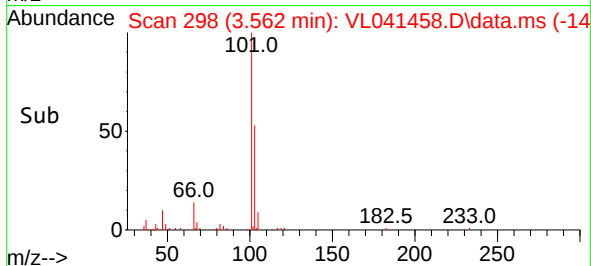
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2024



Tgt Ion:101 Resp: 72640
Ion Ratio Lower Upper
101 100
103 52.7 52.6 79.0

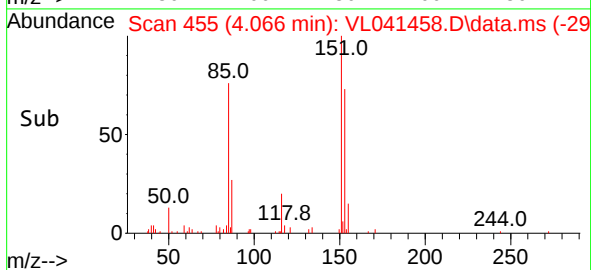
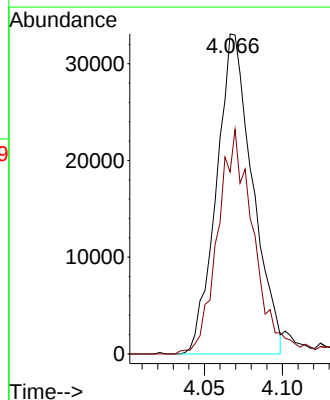
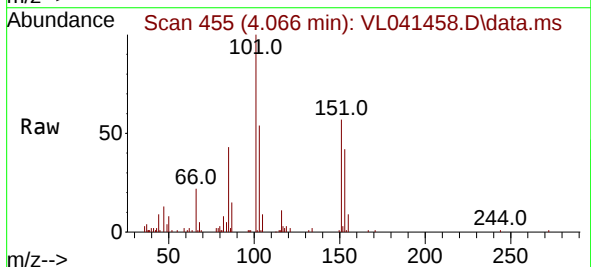
Manual Integrations
APPROVED

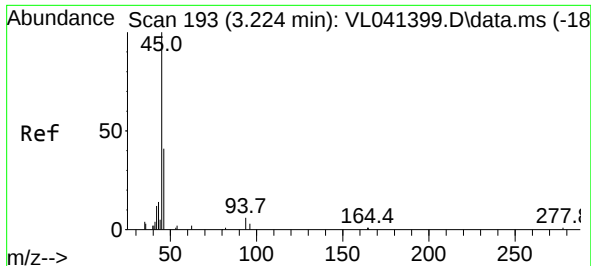
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.491 ppbv
RT: 4.066 min Scan# 455
Delta R.T. -0.000 min
Lab File: VL041458.D
Acq: 31 Jul 2024 11:34

Tgt Ion:101 Resp: 53344
Ion Ratio Lower Upper
101 100
151 71.1 59.4 89.2





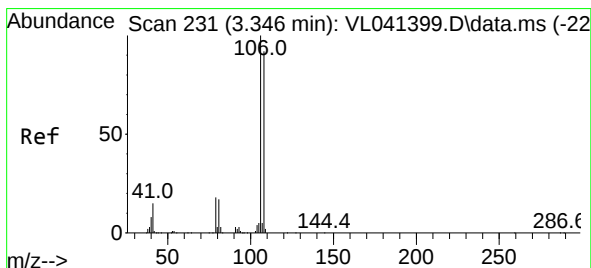
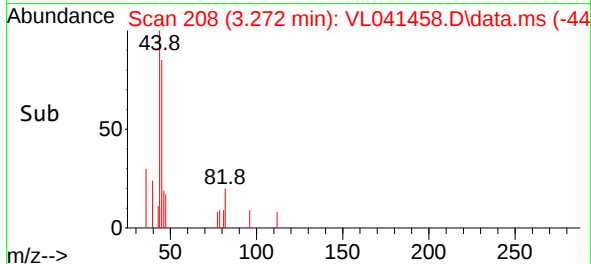
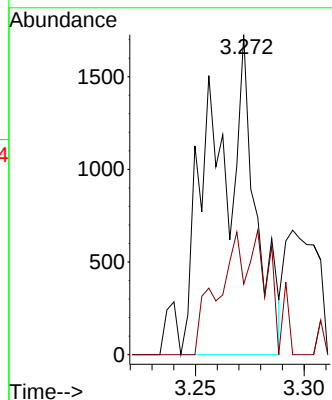
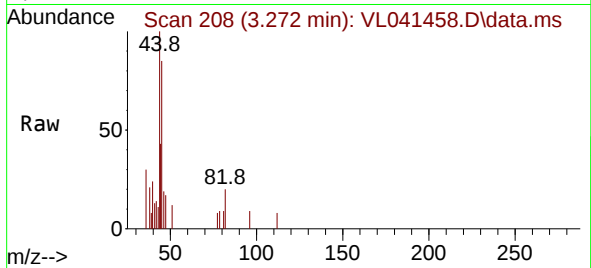
#13
Ethanol
Concen: 0.482 ppbv m
RT: 3.272 min Scan# 208
Delta R.T. 0.026 min
Lab File: VL041458.D
Acq: 31 Jul 2024 11:34

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2024

Tgt Ion: 45 Resp: 232
Ion Ratio Lower Upper
45 100
46 44.0 13.4 53.4

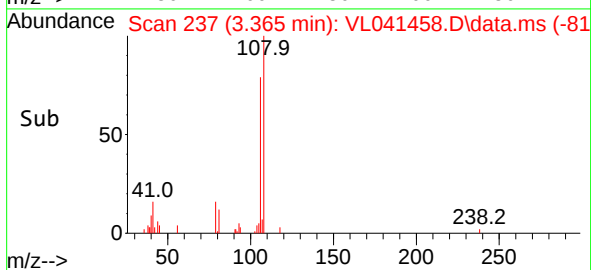
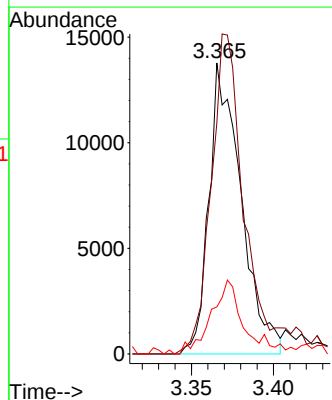
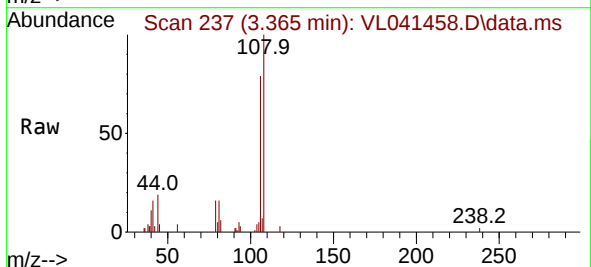
Manual Integrations
APPROVED

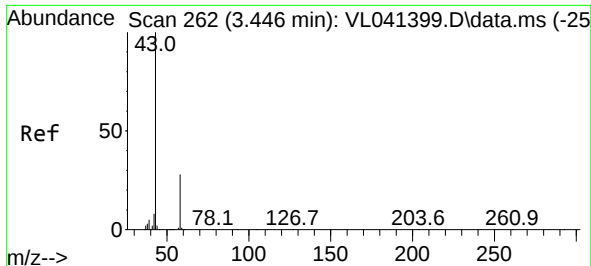
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#14
Bromoethene
Concen: 0.444 ppbv
RT: 3.365 min Scan# 237
Delta R.T. -0.000 min
Lab File: VL041458.D
Acq: 31 Jul 2024 11:34

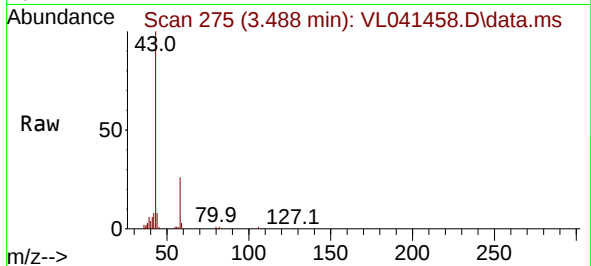
Tgt Ion:108 Resp: 18778
Ion Ratio Lower Upper
108 100
106 120.1 86.9 130.3
79 28.6 16.2 24.4#





#15
Acetone
Concen: 0.469 ppbv
RT: 3.488 min Scan# 21
Delta R.T. 0.019 min
Lab File: VL041458.D
Acq: 31 Jul 2024 11:34

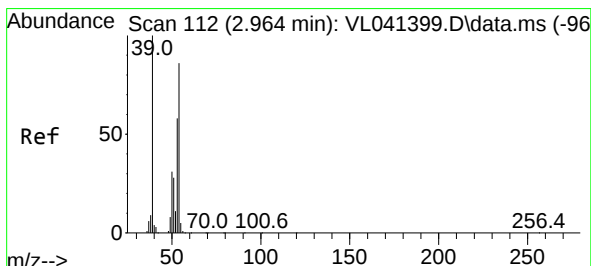
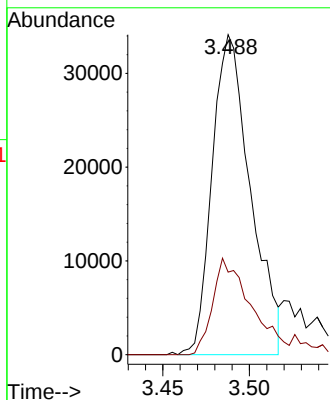
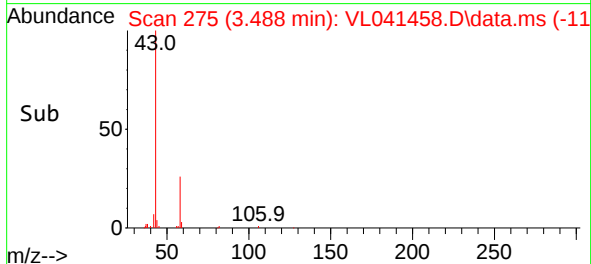
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2024



Tgt Ion: 43 Resp: 52604
Ion Ratio Lower Upper
43 100
58 34.1 21.4 32.2

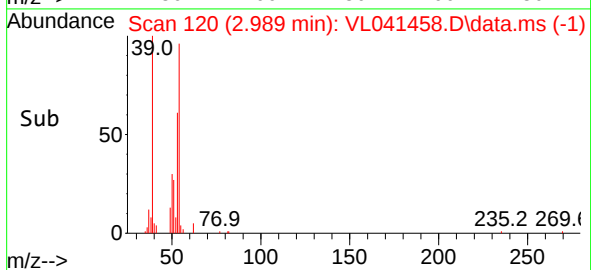
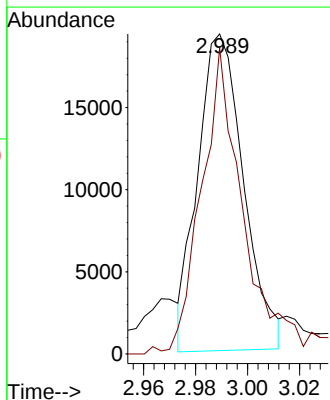
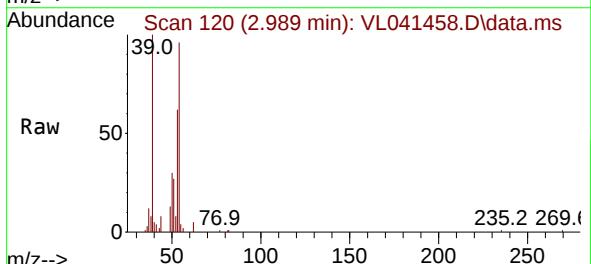
Manual Integrations
APPROVED

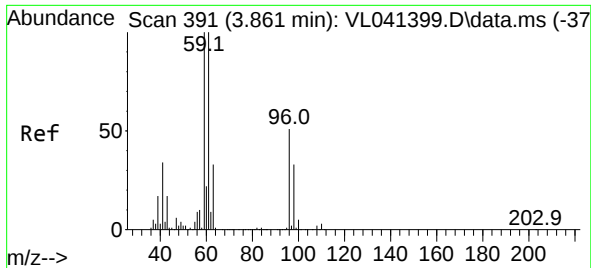
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#16
1,3-Butadiene
Concen: 0.395 ppbv
RT: 2.989 min Scan# 120
Delta R.T. 0.003 min
Lab File: VL041458.D
Acq: 31 Jul 2024 11:34

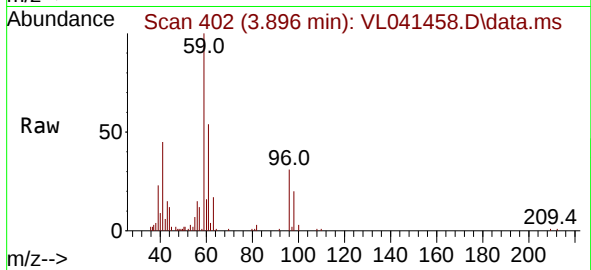
Tgt Ion: 39 Resp: 23673
Ion Ratio Lower Upper
39 100
54 92.3 62.5 93.7





#17
tert-Butyl alcohol
Concen: 0.464 ppbv
RT: 3.896 min Scan# 402
Delta R.T. 0.019 min
Lab File: VL041458.D
Acq: 31 Jul 2024 11:34

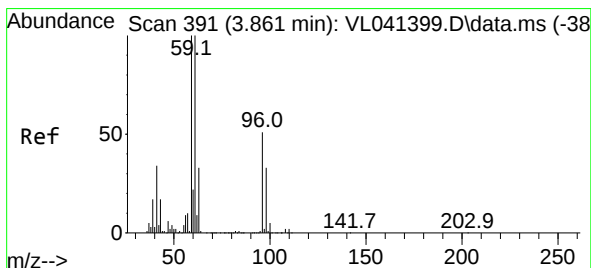
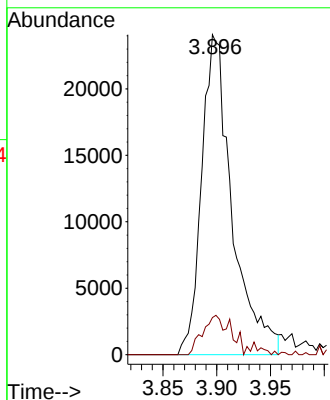
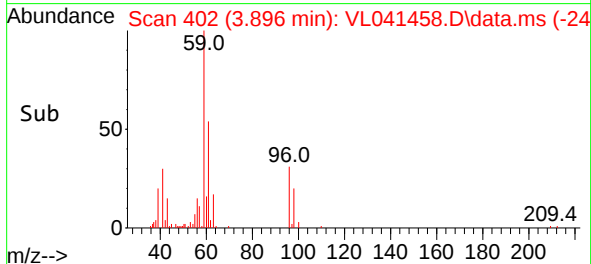
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2024



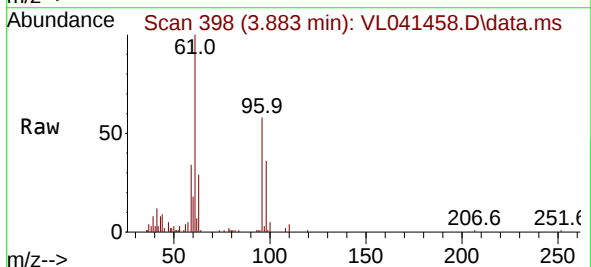
Tgt Ion: 59 Resp: 47454
Ion Ratio Lower Upper
59 100
57 11.1 8.6 12.8

Manual Integrations
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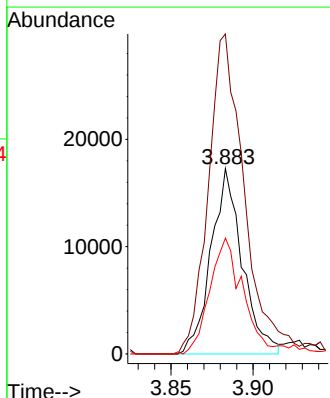
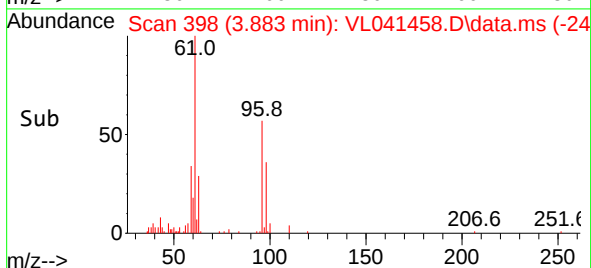
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024

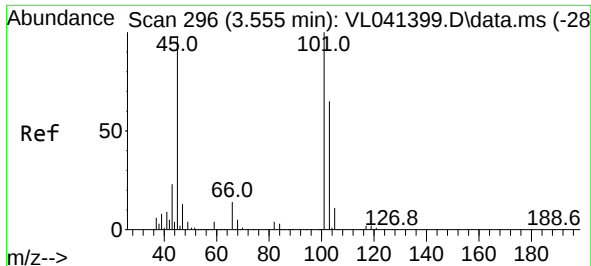


#18
1,1-Dichloroethene
Concen: 0.492 ppbv
RT: 3.883 min Scan# 398
Delta R.T. 0.003 min
Lab File: VL041458.D
Acq: 31 Jul 2024 11:34



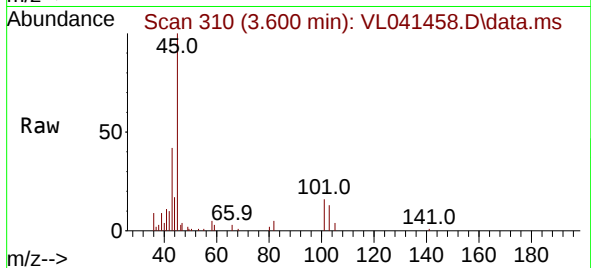
Tgt Ion: 96 Resp: 22873
Ion Ratio Lower Upper
96 100
61 172.6 157.5 236.3
98 61.3 51.2 76.8





#19
Isopropyl Alcohol
Concen: 0.415 ppbv
RT: 3.600 min Scan# 310
Delta R.T. 0.026 min
Lab File: VL041458.D
Acq: 31 Jul 2024 11:34

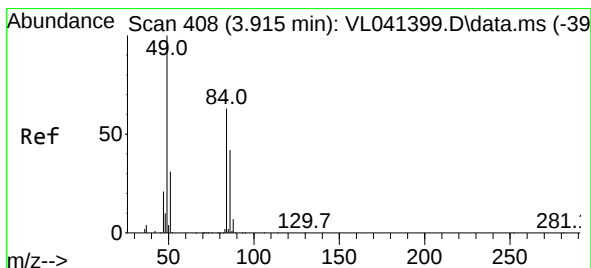
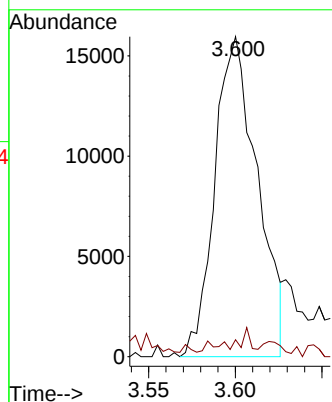
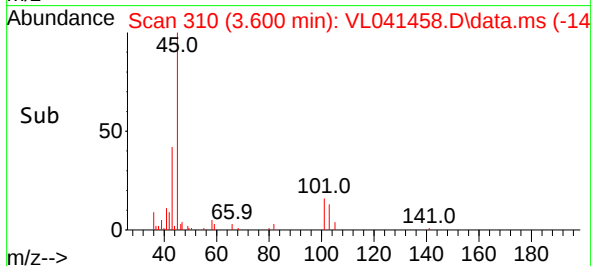
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2024



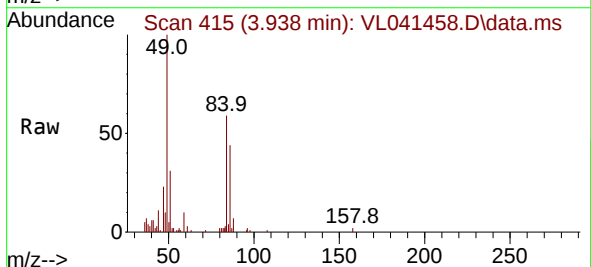
Tgt Ion: 45 Resp: 27219
Ion Ratio Lower Upper
45 100
58 5.7 1.9 2.9

Manual Integrations
APPROVED

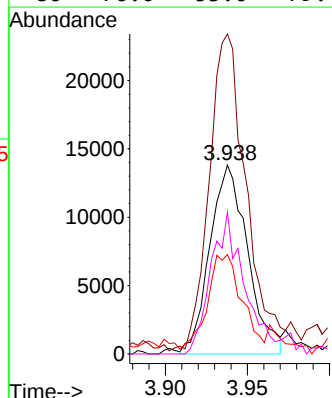
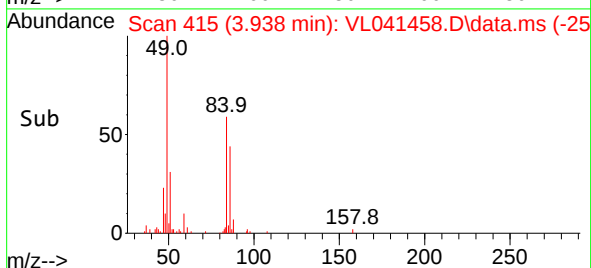
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024

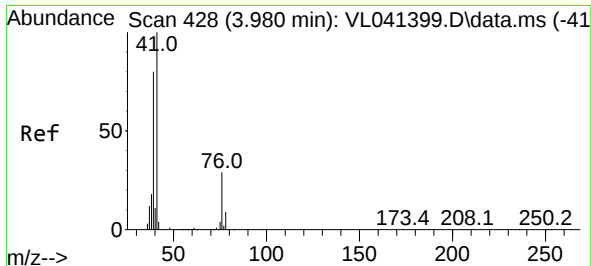


#20
Methylene Chloride
Concen: 0.530 ppbv
RT: 3.938 min Scan# 415
Delta R.T. 0.003 min
Lab File: VL041458.D
Acq: 31 Jul 2024 11:34



Tgt Ion: 84 Resp: 22148
Ion Ratio Lower Upper
84 100
49 167.5 126.6 190.0
51 50.7 38.6 58.0
86 76.0 53.0 79.4





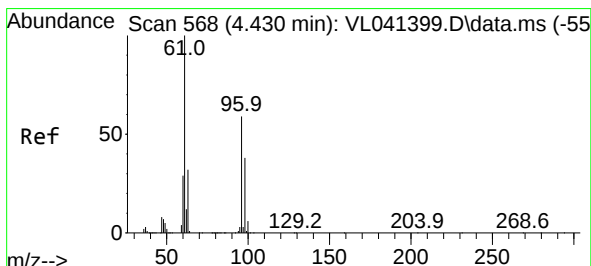
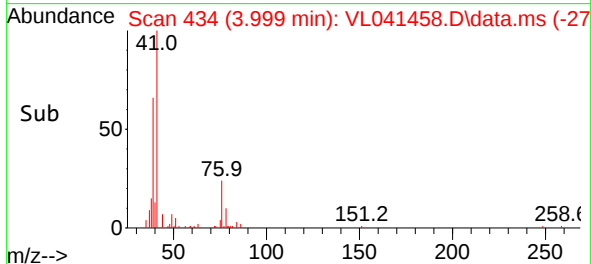
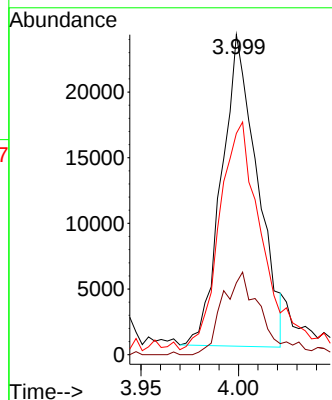
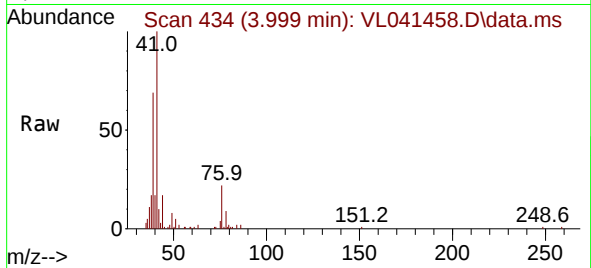
#21
 Allyl Chloride
 Concen: 0.411 ppbv
 RT: 3.999 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL041458.D
 Acq: 31 Jul 2024 11:34

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT3-2024

Tgt Ion: 41 Resp: 3020
 Ion Ratio Lower Upper
 41 100
 76 31.1 23.7 35.5
 39 106.2 64.3 96.5

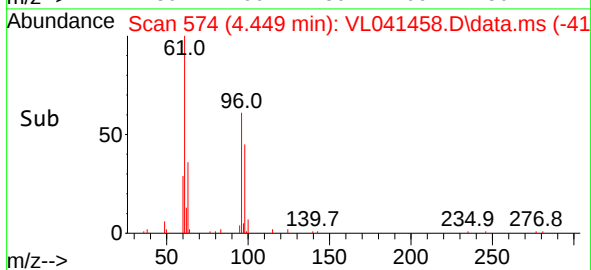
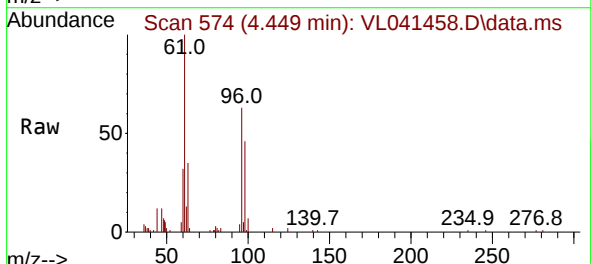
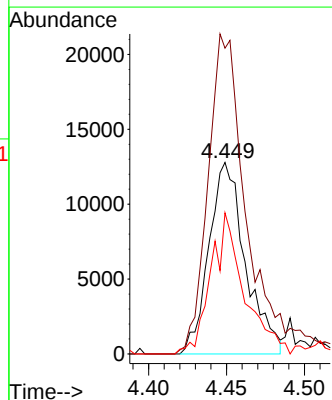
Manual Integrations
 APPROVED

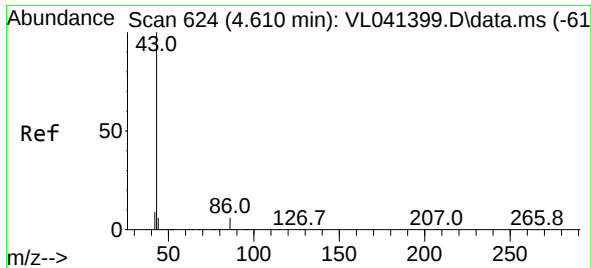
Reviewed By :Semsettin Yesilyurt 08/01/2024
 Supervised By :Mahesh Dadoda 08/01/2024



#22
 trans-1,2-Dichloroethene
 Concen: 0.449 ppbv
 RT: 4.449 min Scan# 574
 Delta R.T. 0.003 min
 Lab File: VL041458.D
 Acq: 31 Jul 2024 11:34

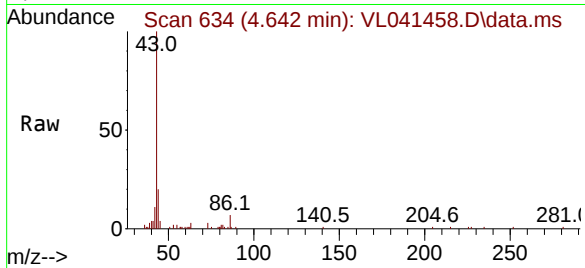
Tgt Ion: 96 Resp: 20854
 Ion Ratio Lower Upper
 96 100
 61 157.6 135.4 203.2
 98 71.2 51.0 76.4





#23
 Vinyl Acetate
 Concen: 0.447 ppbv
 RT: 4.642 min Scan# 610
 Delta R.T. 0.013 min
 Lab File: VL041458.D
 Acq: 31 Jul 2024 11:34

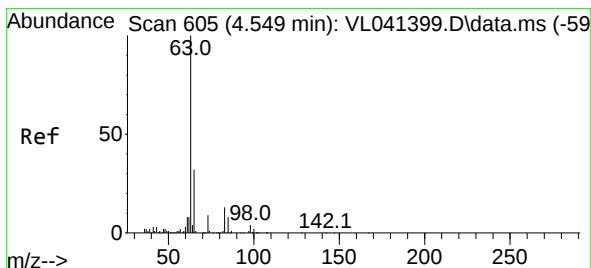
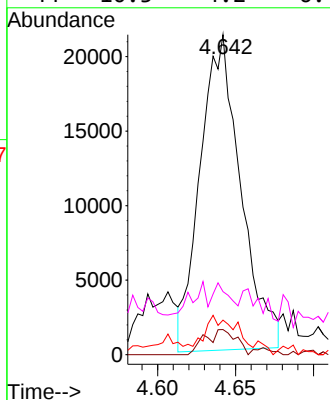
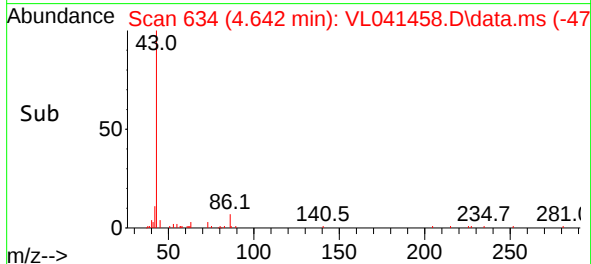
Instrument : MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT3-2024



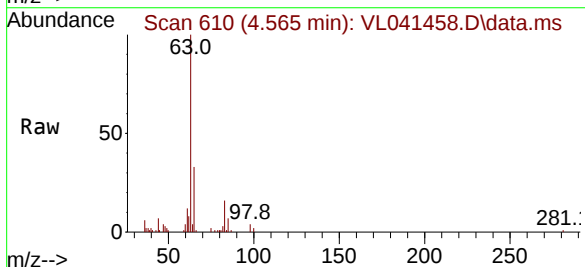
Tgt Ion: 43 Resp: 3828
 Ion Ratio Lower Upper
 43 100
 86 8.8 4.6 6.8
 42 10.5 7.9 11.9
 44 10.3 4.2 6.4

Manual Integrations
 APPROVED

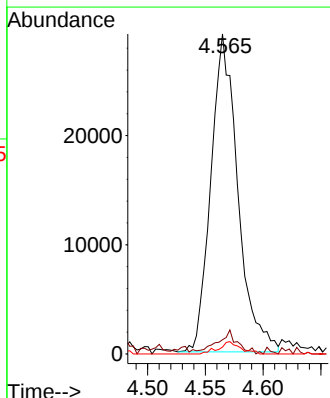
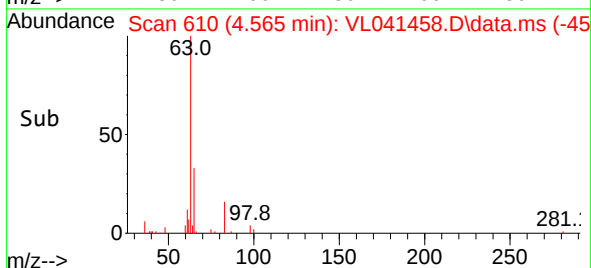
Reviewed By :Semsettin Yesilyurt 08/01/2024
 Supervised By :Mahesh Dadoda 08/01/2024

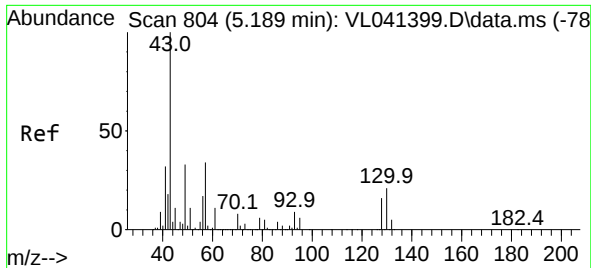


#24
 1,1-Dichloroethane
 Concen: 0.468 ppbv
 RT: 4.565 min Scan# 610
 Delta R.T. 0.000 min
 Lab File: VL041458.D
 Acq: 31 Jul 2024 11:34



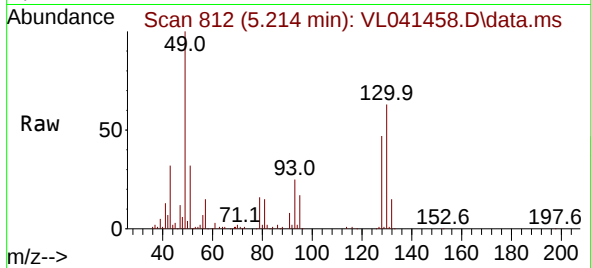
Tgt Ion: 63 Resp: 47217
 Ion Ratio Lower Upper
 63 100
 98 4.5 2.0 6.0
 100 2.2 1.2 3.6





#25
Ethyl Acetate
Concen: 0.423 ppbv
RT: 5.214 min Scan# 812
Delta R.T. 0.010 min
Lab File: VL041458.D
Acq: 31 Jul 2024 11:34

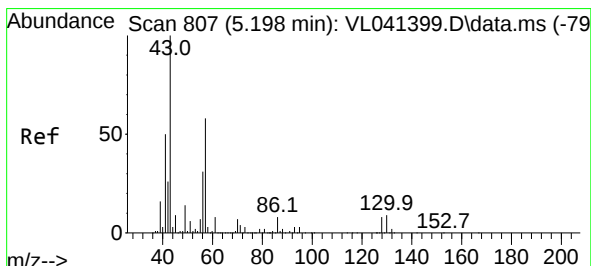
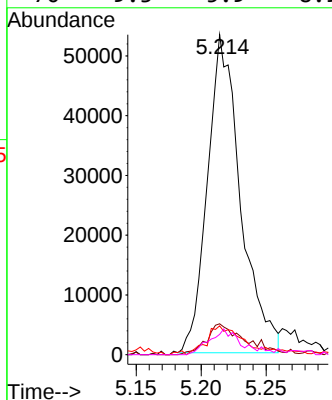
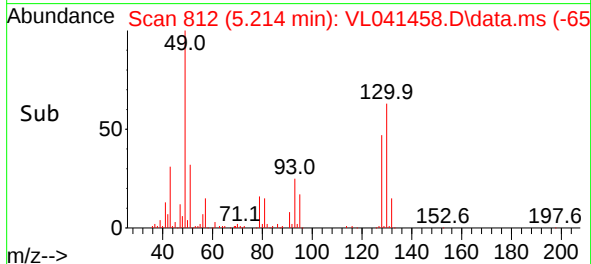
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2024



Tgt Ion: 43 Resp: 9423
Ion Ratio Lower Upper
43 100
45 11.5 8.5 12.7
61 11.7 8.0 12.0
70 9.3 5.9 8.9#

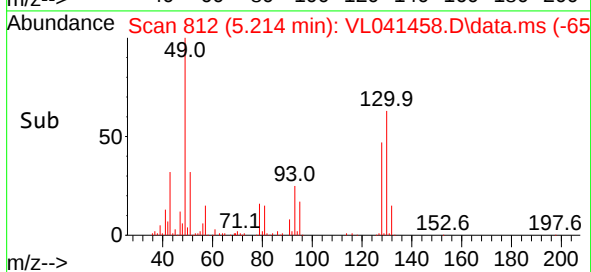
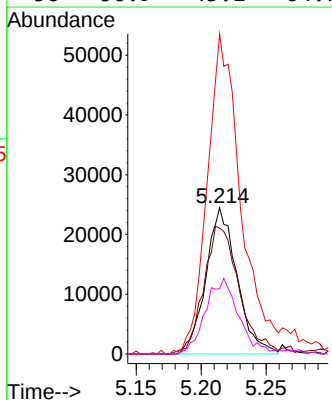
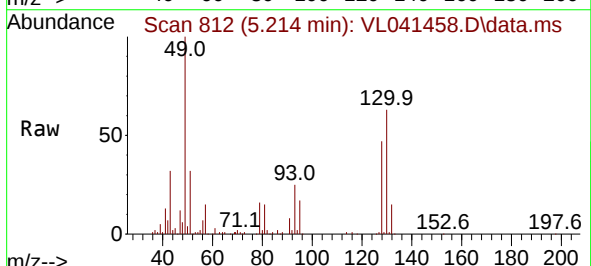
Manual Integrations
APPROVED

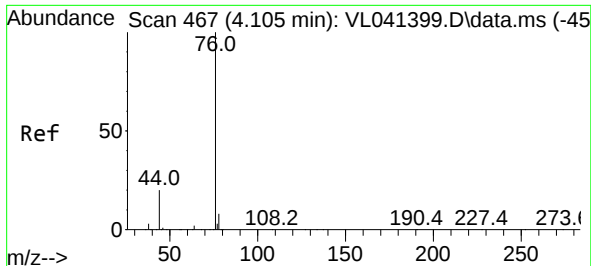
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#26
Hexane
Concen: 0.441 ppbv
RT: 5.214 min Scan# 812
Delta R.T. -0.000 min
Lab File: VL041458.D
Acq: 31 Jul 2024 11:34

Tgt Ion: 57 Resp: 40760
Ion Ratio Lower Upper
57 100
41 100.6 74.0 111.0
43 256.9 193.6 290.4
56 56.9 43.1 64.7





#27

Carbon Disulfide

Concen: 0.353 ppbv

RT: 4.131 min Scan# 41

Delta R.T. 0.006 min

Lab File: VL041458.D

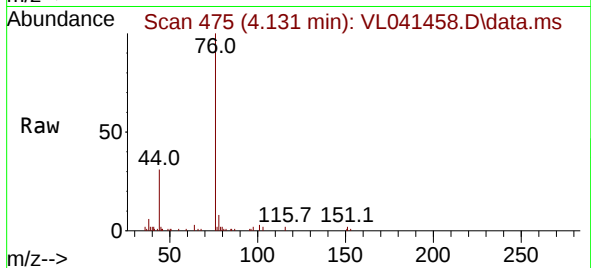
Acq: 31 Jul 2024 11:34

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT3-2024



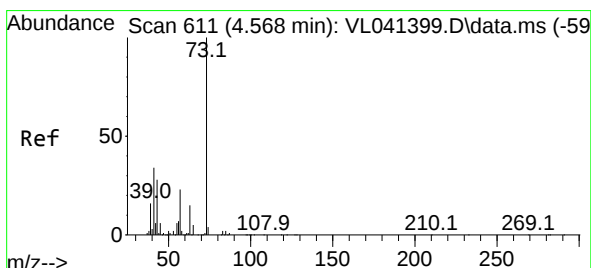
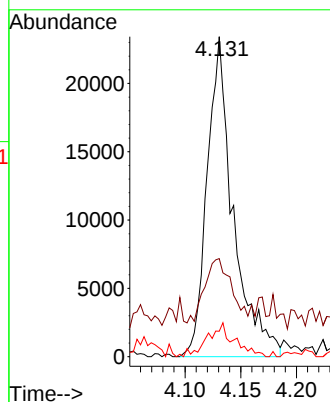
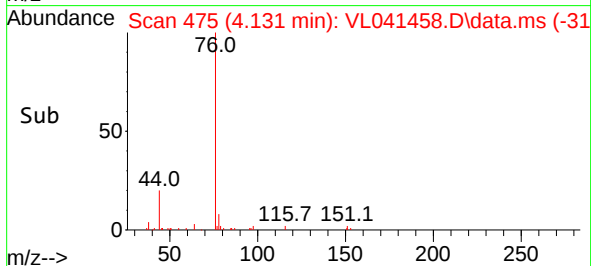
Tgt Ion:	76	Resp:	3816
Ion Ratio	100	Lower	Upper
76	100		
44	40.4	15.6	23.4
78	10.7	7.7	11.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2024

Supervised By :Mahesh Dadoda 08/01/2024



#28

Methyl tert-Butyl Ether

Concen: 0.470 ppbv

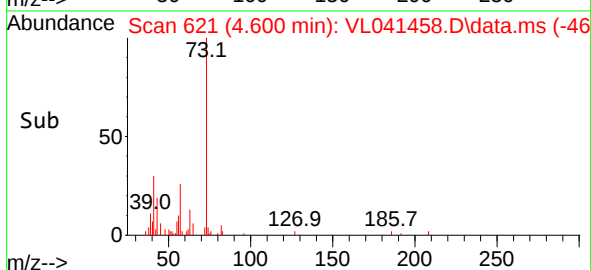
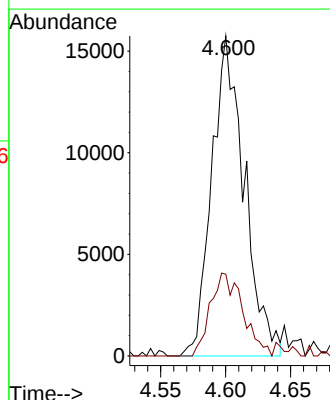
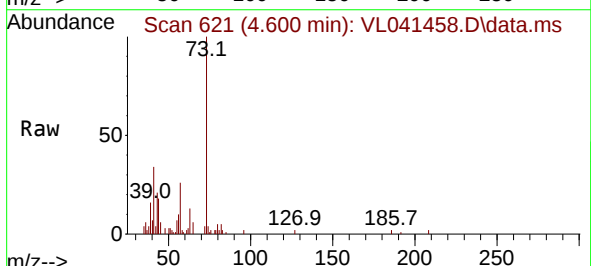
RT: 4.600 min Scan# 621

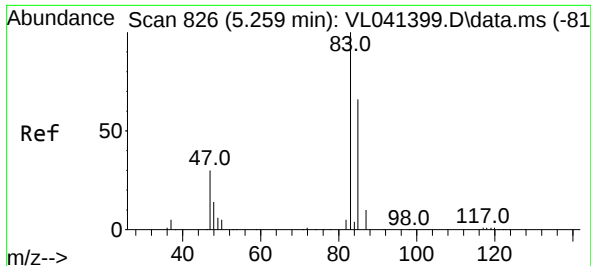
Delta R.T. 0.013 min

Lab File: VL041458.D

Acq: 31 Jul 2024 11:34

Tgt Ion:	73	Resp:	27377
Ion Ratio	100	Lower	Upper
73	100		
57	25.8	18.9	28.3





#29

Chloroform

Concen: 0.457 ppbv

RT: 5.275 min Scan# 81

Delta R.T. 0.000 min

Lab File: VL041458.D

Acq: 31 Jul 2024 11:34

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT3-2024

Tgt Ion: 83 Resp: 6885

Ion Ratio Lower Upper

83 100

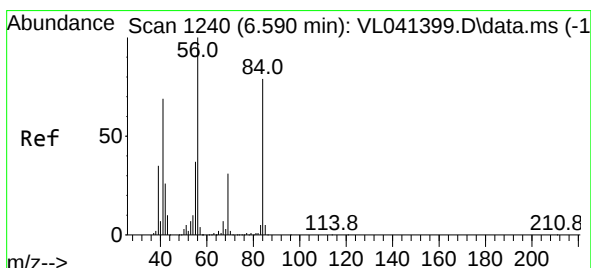
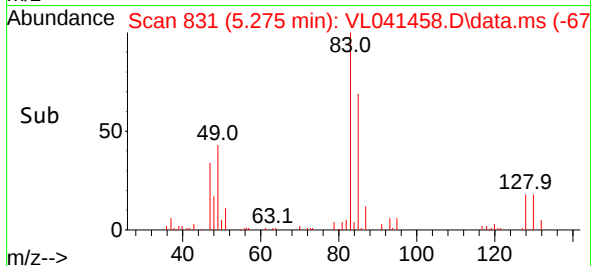
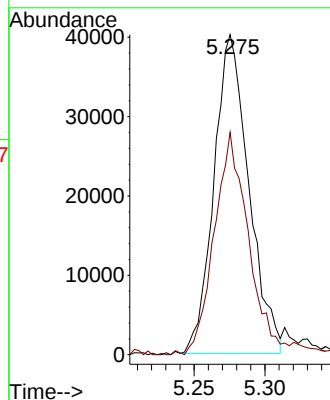
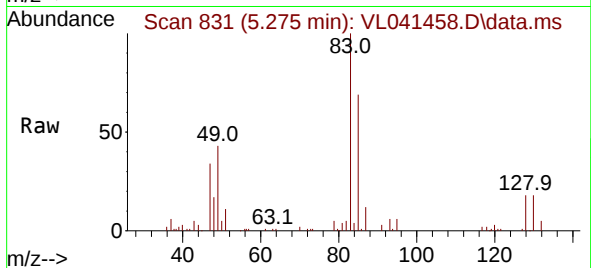
85 69.1 53.1 79.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2024

Supervised By :Mahesh Dadoda 08/01/2024



#30

Cyclohexane

Concen: 0.393 ppbv m

RT: 6.603 min Scan# 1244

Delta R.T. -0.003 min

Lab File: VL041458.D

Acq: 31 Jul 2024 11:34

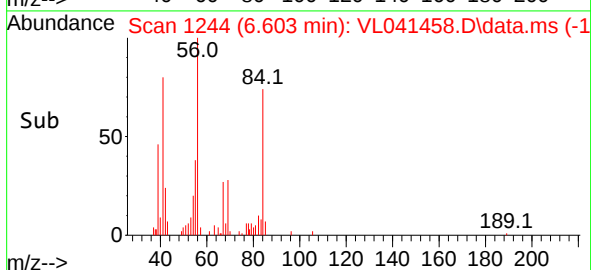
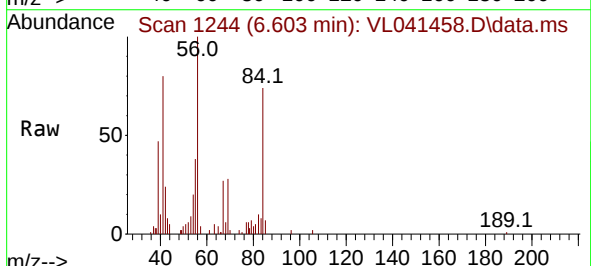
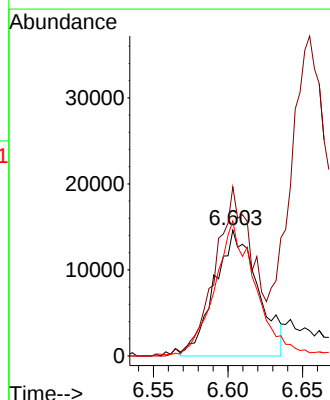
Tgt Ion: 84 Resp: 29567

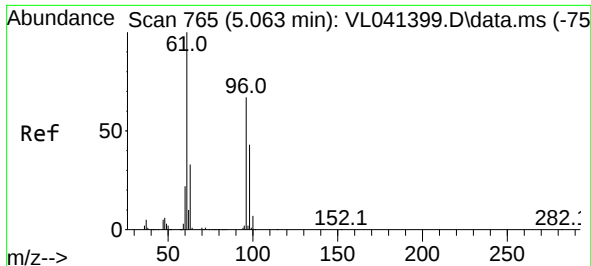
Ion Ratio Lower Upper

84 100

56 115.7 111.2 166.8

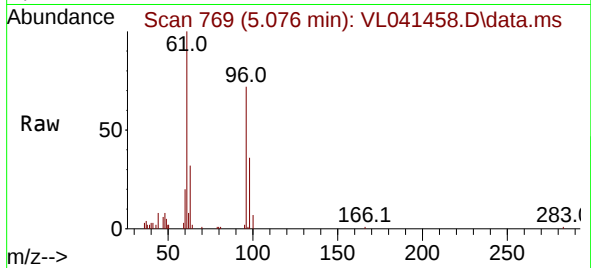
41 103.7 70.3 105.5





#31
cis-1,2-Dichloroethene
Concen: 0.393 ppbv m
RT: 5.076 min Scan# 765
Delta R.T. -0.006 min
Lab File: VL041458.D
Acq: 31 Jul 2024 11:34

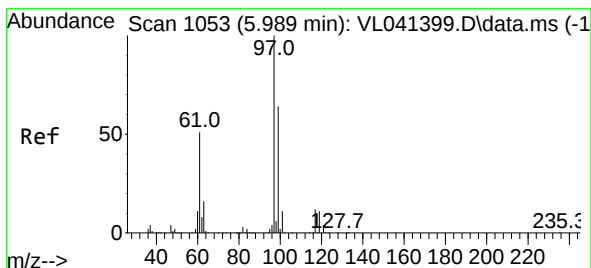
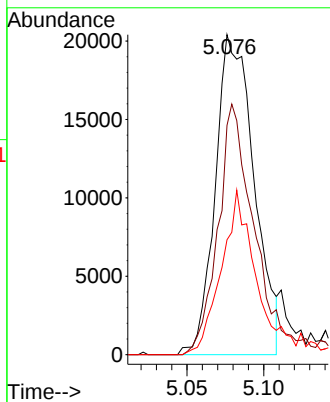
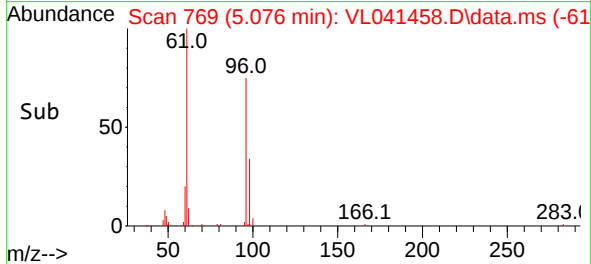
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2024



Tgt Ion: 61 Resp: 3585
Ion Ratio Lower Upper
61 100
96 71.6 53.4 80.2
98 35.9 34.4 51.6

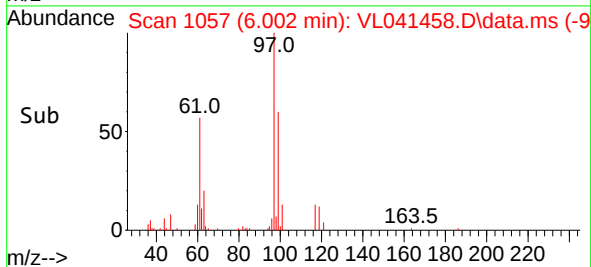
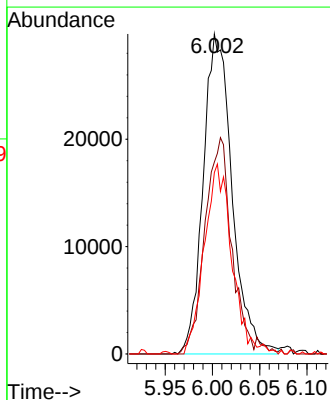
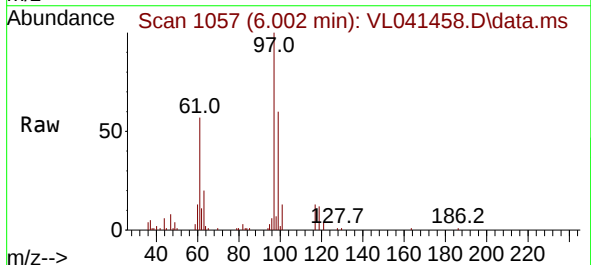
Manual Integrations
APPROVED

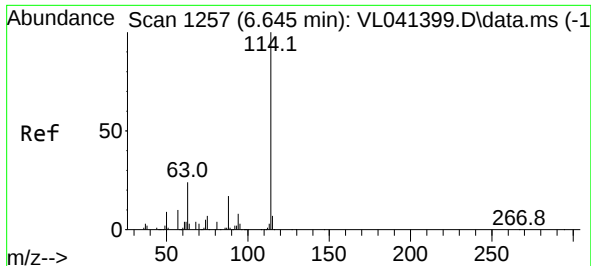
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#32
1,1,1-Trichloroethane
Concen: 0.432 ppbv
RT: 6.002 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VL041458.D
Acq: 31 Jul 2024 11:34

Tgt Ion: 97 Resp: 63319
Ion Ratio Lower Upper
97 100
99 63.8 52.0 78.0
61 57.1 41.8 62.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.655 min Scan# 114

Delta R.T. -0.003 min

Lab File: VL041458.D

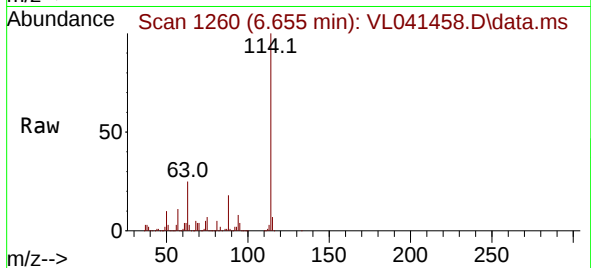
Acq: 31 Jul 2024 11:34

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT3-2024



Tgt Ion:114 Resp: 2721624

Ion Ratio Lower Upper

114 100

63 24.9 20.3 30.5

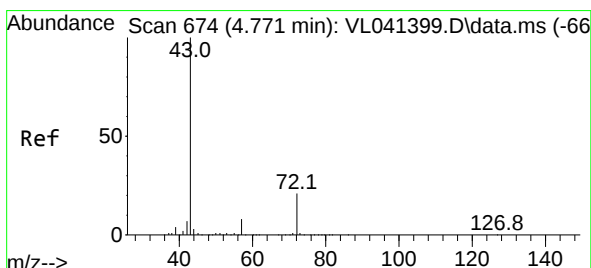
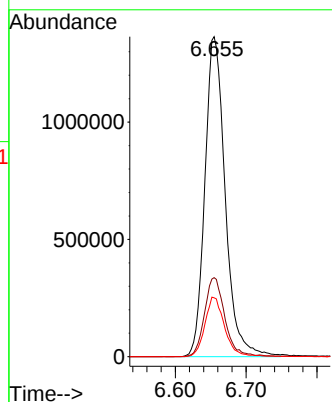
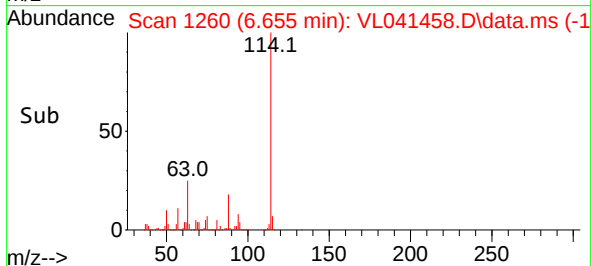
88 18.2 14.3 21.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2024

Supervised By :Mahesh Dadoda 08/01/2024



#34

2-Butanone

Concen: 0.397 ppbv

RT: 4.803 min Scan# 684

Delta R.T. 0.016 min

Lab File: VL041458.D

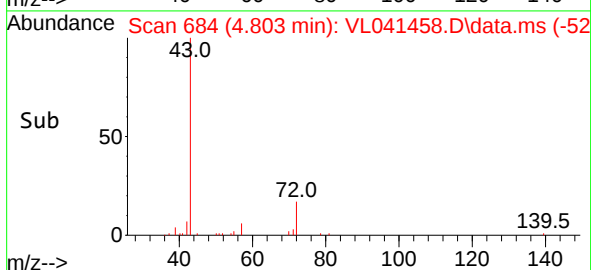
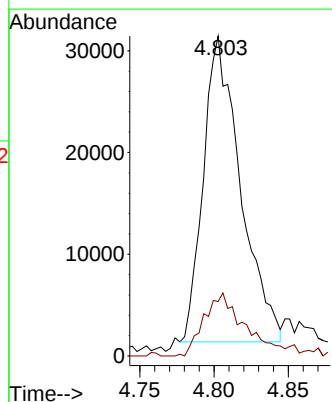
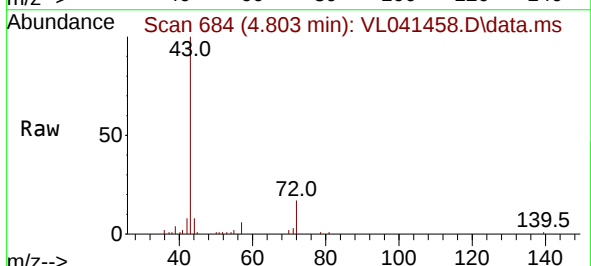
Acq: 31 Jul 2024 11:34

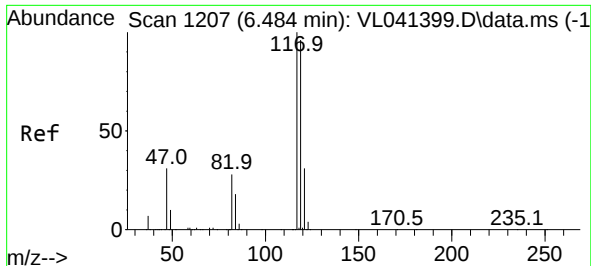
Tgt Ion: 43 Resp: 52227

Ion Ratio Lower Upper

43 100

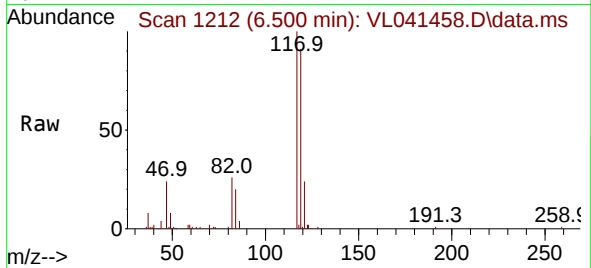
72 24.5 17.3 25.9





#35
Carbon Tetrachloride
Concen: 0.428 ppbv
RT: 6.500 min Scan# 1171
Delta R.T. 0.003 min
Lab File: VL041458.D
Acq: 31 Jul 2024 11:34

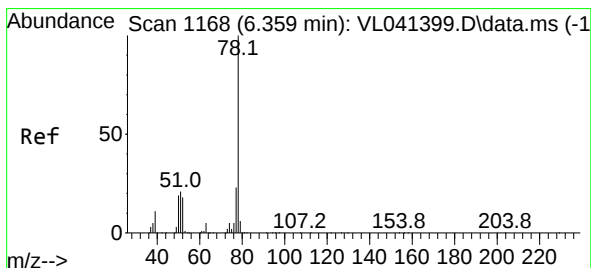
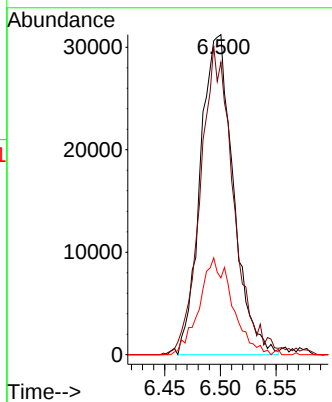
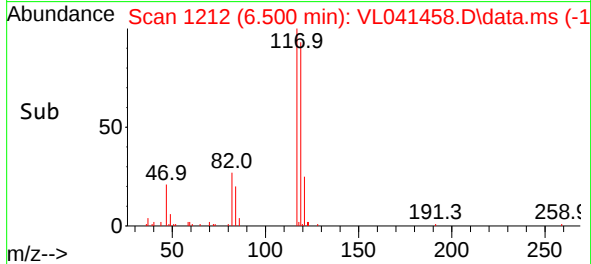
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2024



Tgt Ion:117 Resp: 64220
Ion Ratio Lower Upper
117 100
119 89.4 76.6 115.0
121 22.7 25.1 37.7

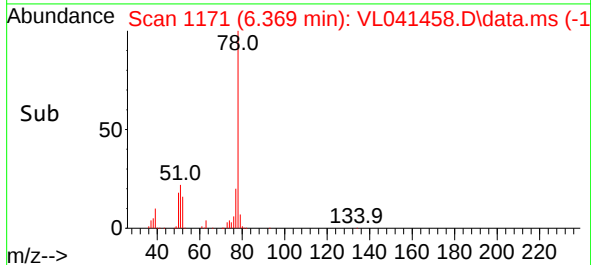
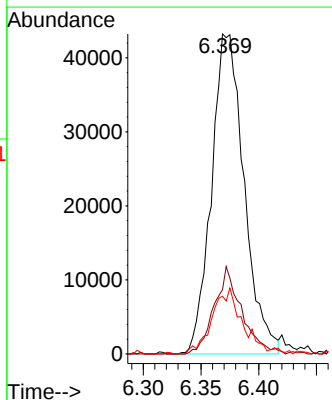
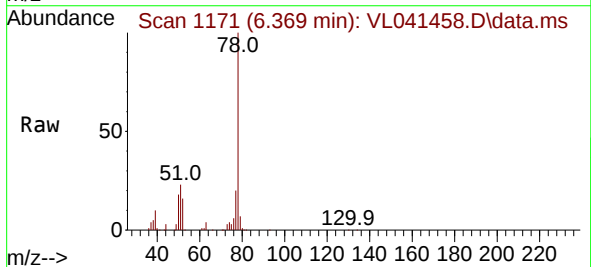
Manual Integrations
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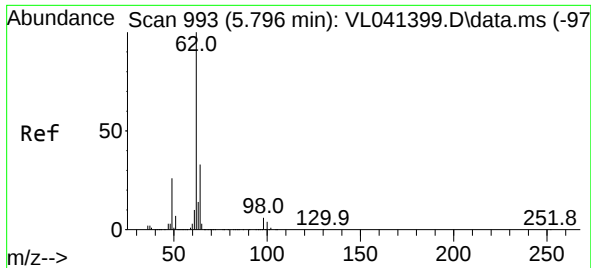
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#36
Benzene
Concen: 0.428 ppbv
RT: 6.369 min Scan# 1171
Delta R.T. -0.006 min
Lab File: VL041458.D
Acq: 31 Jul 2024 11:34

Tgt Ion: 78 Resp: 85020
Ion Ratio Lower Upper
78 100
77 20.1 18.1 27.1
50 18.0 15.5 23.3





#37

1,2-Dichloroethane

Concen: 0.471 ppbv

RT: 5.806 min Scan# 993

Delta R.T. -0.003 min

Lab File: VL041458.D

Acq: 31 Jul 2024 11:34

Instrument :

MSVOA_L

ClientSampleId :

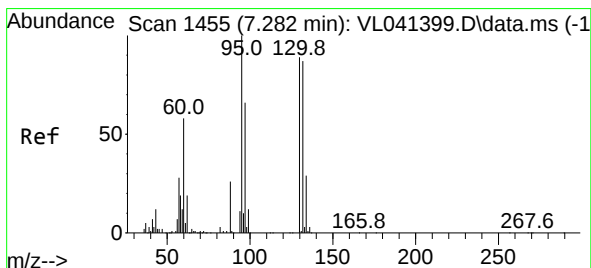
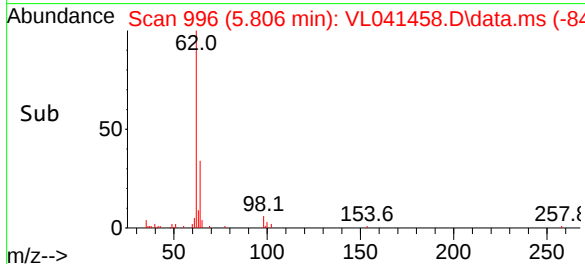
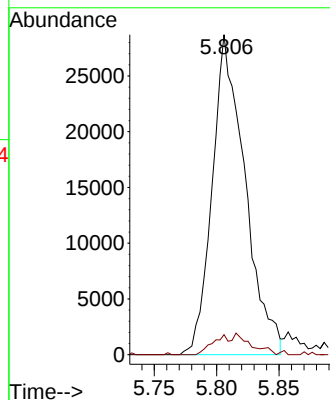
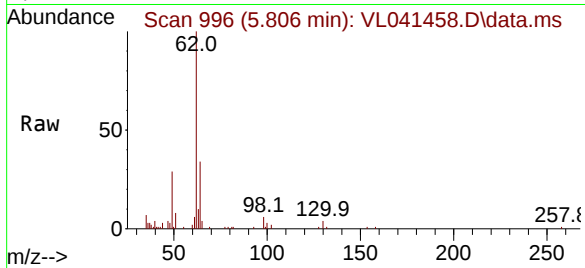
LOD-MDL-AIR-01-QT3-2024

Tgt Ion: 62 Resp: 5242
 Ion Ratio Lower Upper
 62 100
 98 7.2 5.0 7.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2024
 Supervised By :Mahesh Dadoda 08/01/2024



#38

Trichloroethene

Concen: 0.432 ppbv

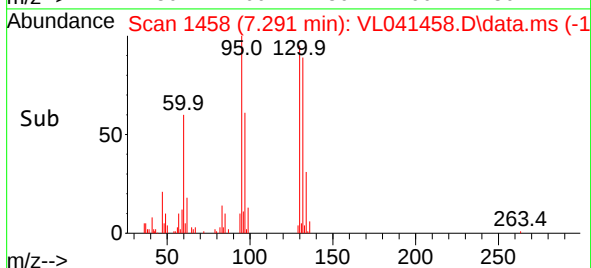
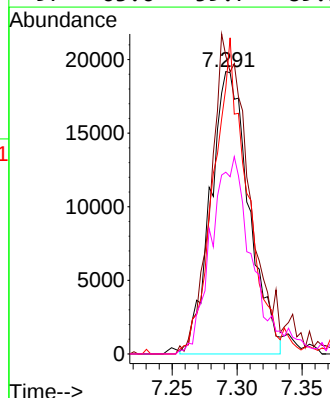
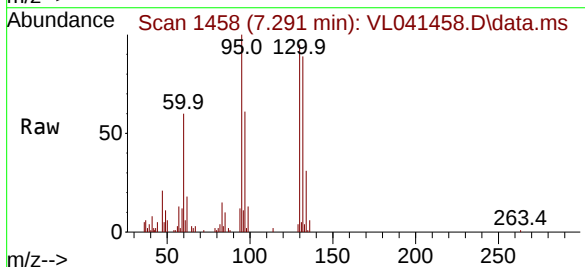
RT: 7.291 min Scan# 1458

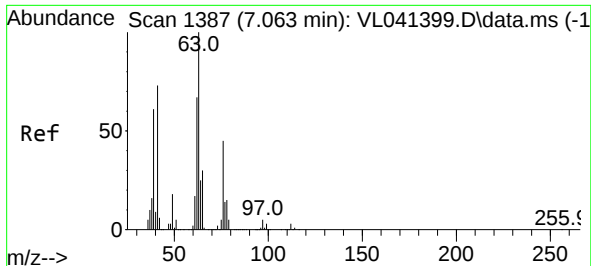
Delta R.T. -0.006 min

Lab File: VL041458.D

Acq: 31 Jul 2024 11:34

Tgt Ion:130 Resp: 39389
 Ion Ratio Lower Upper
 130 100
 95 103.7 90.2 135.2
 132 93.4 78.1 117.1
 97 63.6 59.7 89.5





#39

1,2-Dichloropropane

Concen: 0.457 ppbv m

RT: 7.076 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL041458.D

Acq: 31 Jul 2024 11:34

Instrument :

MSVOA_L

ClientSampleId :

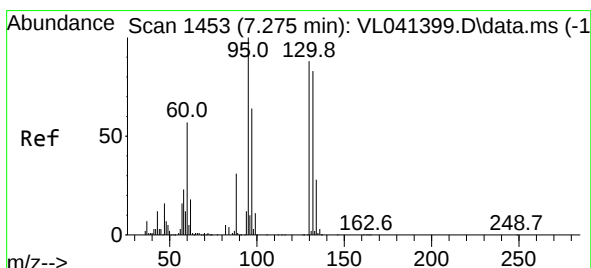
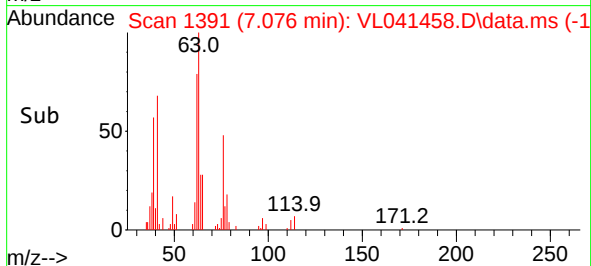
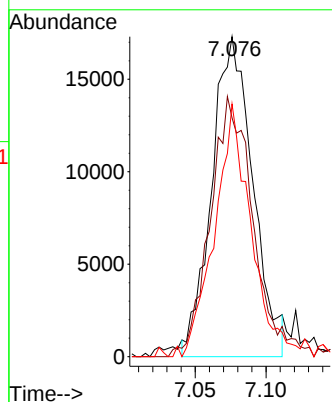
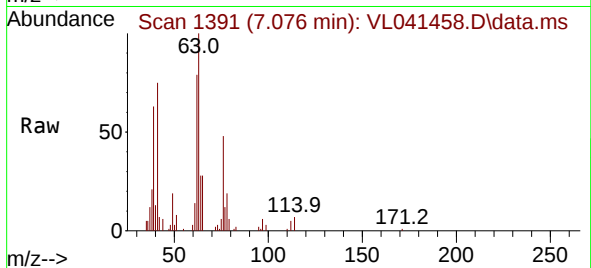
LOD-MDL-AIR-01-QT3-2024

Tgt Ion: 63	Resp: 34804
Ion Ratio	Lower Upper
63	100
41	74.6 58.3 87.5
62	79.0 53.9 80.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#40

1,4-Dioxane

Concen: 0.349 ppbv m

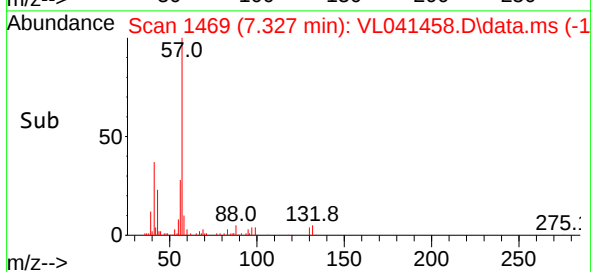
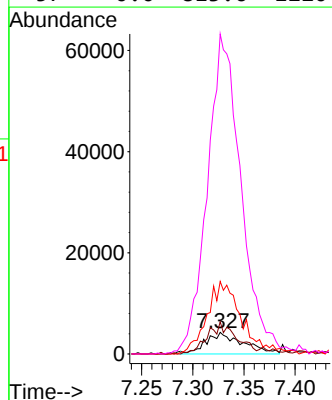
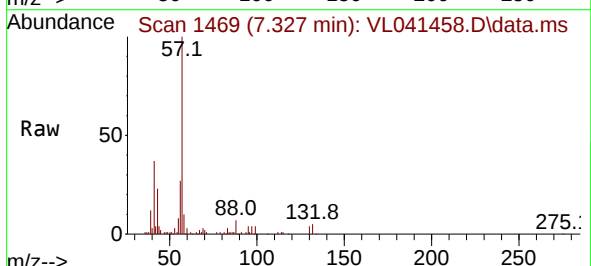
RT: 7.327 min Scan# 1469

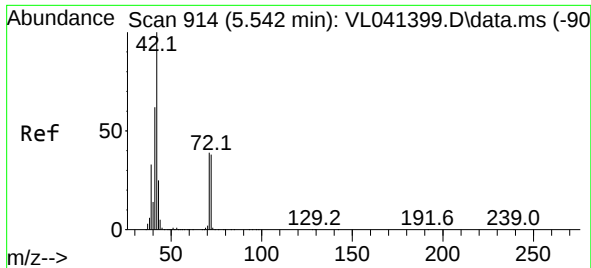
Delta R.T. 0.035 min

Lab File: VL041458.D

Acq: 31 Jul 2024 11:34

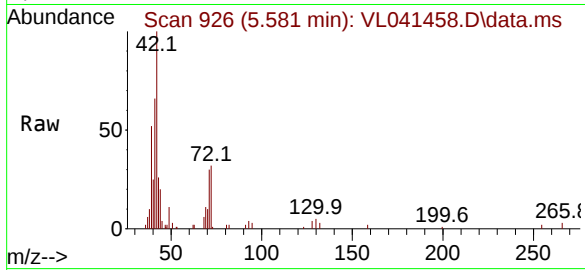
Tgt Ion: 88	Resp: 10661
Ion Ratio	Lower Upper
88	100
58	0.0 95.8 143.6#
43	0.0 188.2 282.2#
57	0.0 813.6 1220.4#





#41
Tetrahydrofuran
Concen: 0.359 ppbv
RT: 5.581 min Scan# 914
Delta R.T. 0.022 min
Lab File: VL041458.D
Acq: 31 Jul 2024 11:34

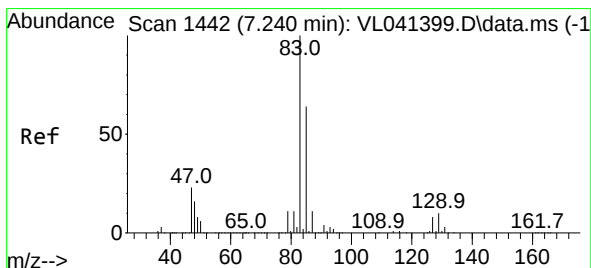
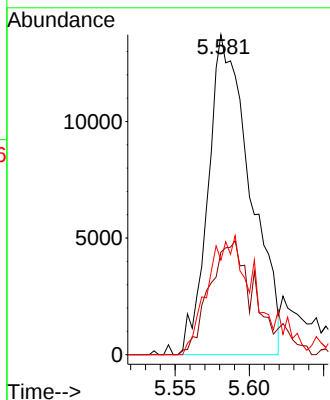
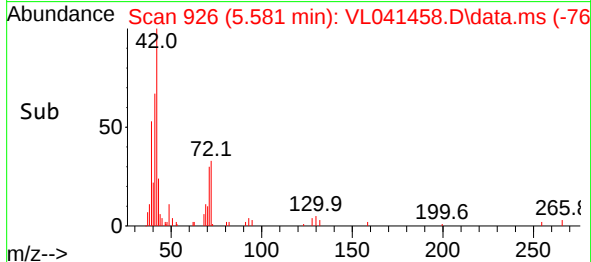
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2024



Tgt Ion: 42 Resp: 27050
Ion Ratio Lower Upper
42 100
72 40.2 31.2 46.8
71 47.3 30.5 45.7

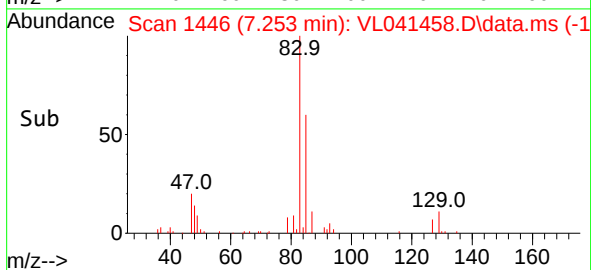
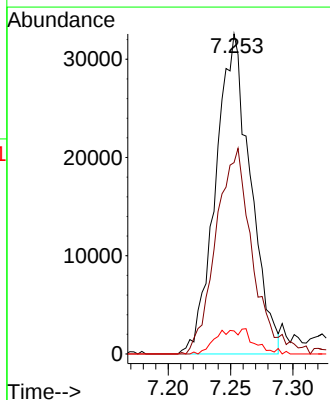
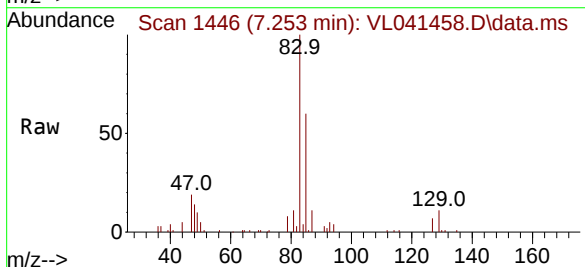
Manual Integrations
APPROVED

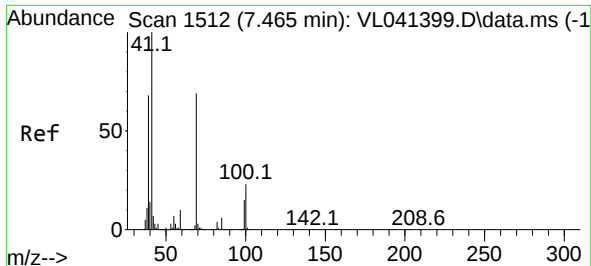
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#42
Bromodichloromethane
Concen: 0.395 ppbv
RT: 7.253 min Scan# 1446
Delta R.T. -0.003 min
Lab File: VL041458.D
Acq: 31 Jul 2024 11:34

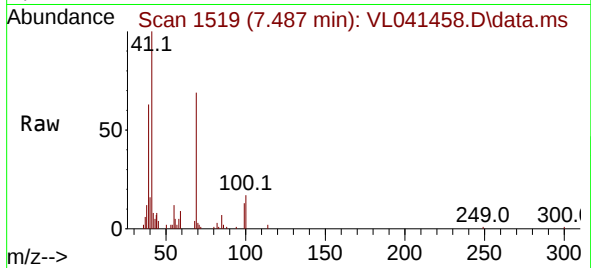
Tgt Ion: 83 Resp: 63452
Ion Ratio Lower Upper
83 100
85 59.8 51.4 77.0
127 7.2 6.7 10.1





#43
Methyl Methacrylate
Concen: 0.371 ppbv
RT: 7.487 min Scan# 1519
Delta R.T. 0.010 min
Lab File: VL041458.D
Acq: 31 Jul 2024 11:34

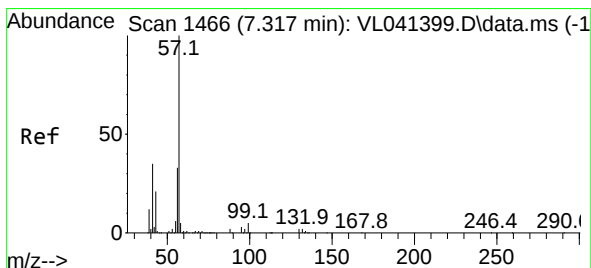
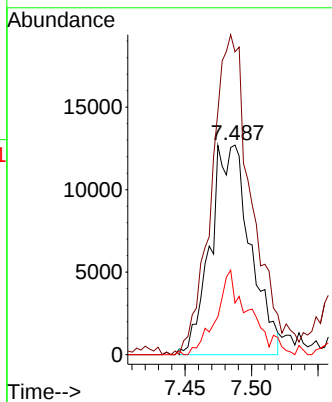
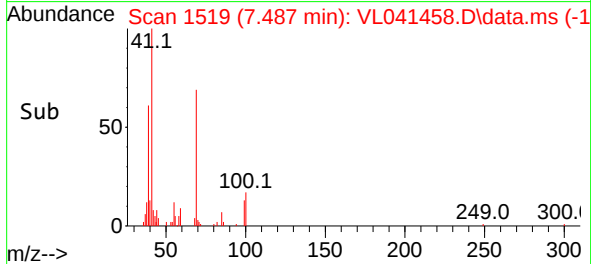
Instrument : MSVOA_1
ClientSampleId :
LOD-MDL-AIR-01-QT3-2024



Tgt Ion: 69 Resp: 2649
Ion Ratio Lower Upper
69 100
41 0.0 118.7 178.1
100 0.0 27.0 40.4

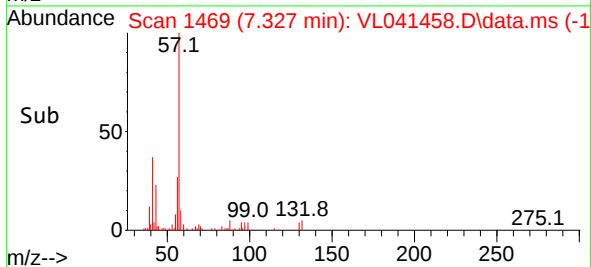
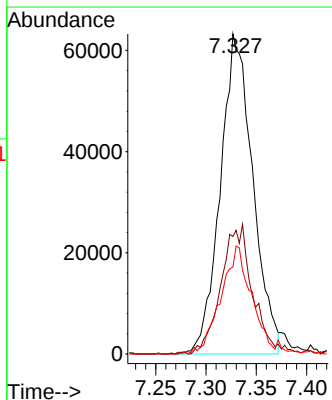
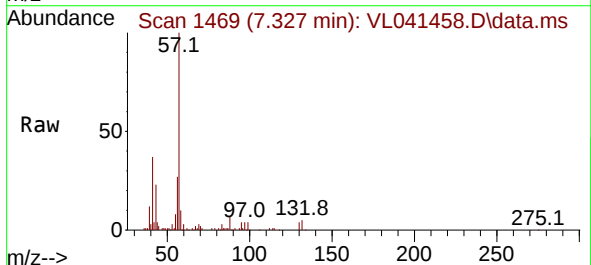
Manual Integrations
APPROVED

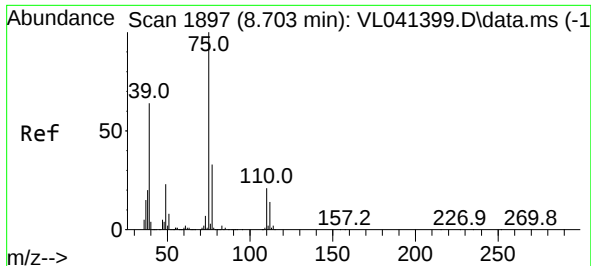
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#44
2,2,4-Trimethylpentane
Concen: 0.427 ppbv
RT: 7.327 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VL041458.D
Acq: 31 Jul 2024 11:34

Tgt Ion: 57 Resp: 141936
Ion Ratio Lower Upper
57 100
41 40.1 27.0 40.6
56 33.1 25.2 37.8





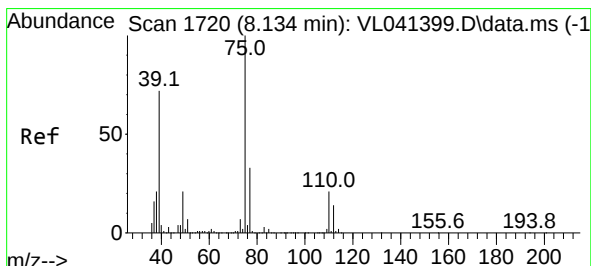
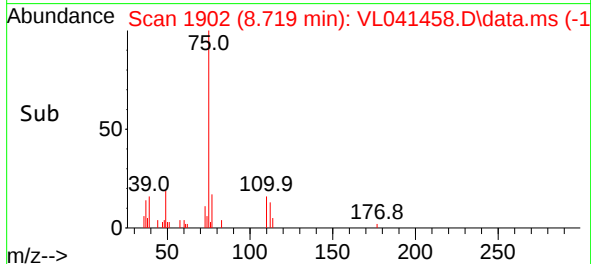
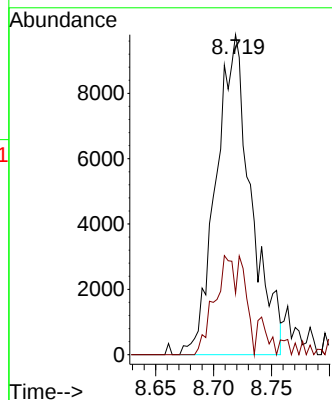
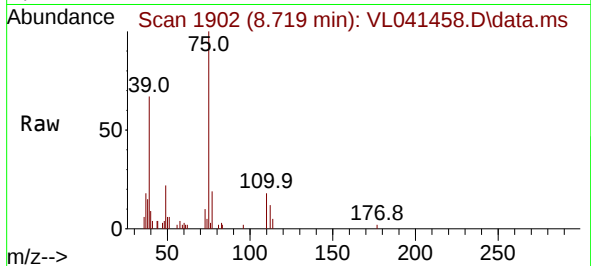
#45
t-1,3-Dichloropropene
Concen: 0.313 ppbv m
RT: 8.719 min Scan# 1902
Delta R.T. 0.006 min
Lab File: VL041458.D
Acq: 31 Jul 2024 11:34

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2024

Tgt Ion: 75 Resp: 2054
Ion Ratio Lower Upper
75 100
77 19.1 26.5 39.7

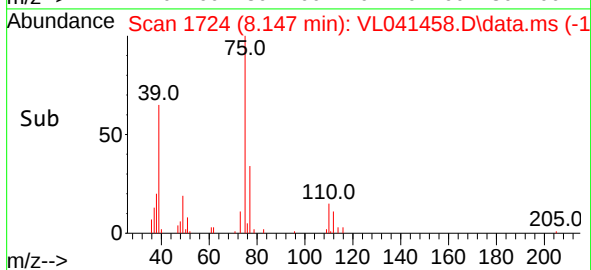
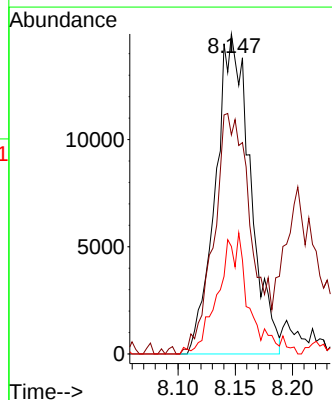
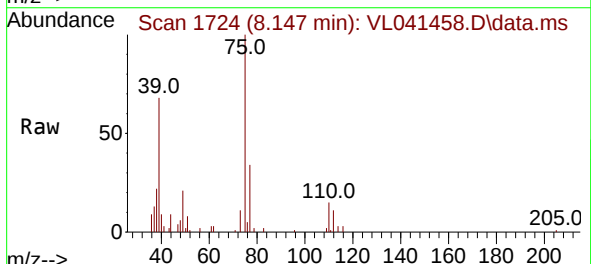
Manual Integrations
APPROVED

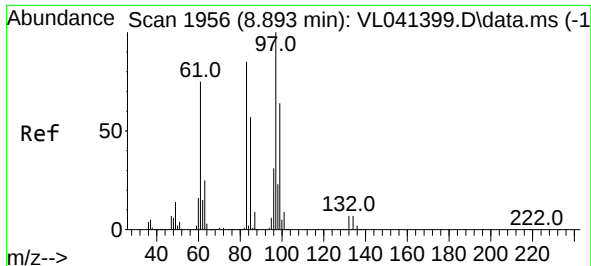
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#46
cis-1,3-Dichloropropene
Concen: 0.332 ppbv m
RT: 8.147 min Scan# 1724
Delta R.T. -0.003 min
Lab File: VL041458.D
Acq: 31 Jul 2024 11:34

Tgt Ion: 75 Resp: 31513
Ion Ratio Lower Upper
75 100
39 68.4 57.3 85.9
77 33.6 26.2 39.2





#47

1,1,2-Trichloroethane

Concen: 0.442 ppbv

RT: 8.896 min Scan# 1956

Delta R.T. -0.010 min

Lab File: VL041458.D

Acq: 31 Jul 2024 11:34

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT3-2024

Tgt Ion: 97 Resp: 3706

Ion Ratio Lower Upper

97 100

83 98.6 67.6 101.4

85 49.2 45.9 68.9

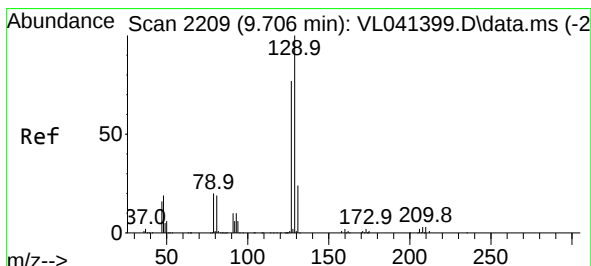
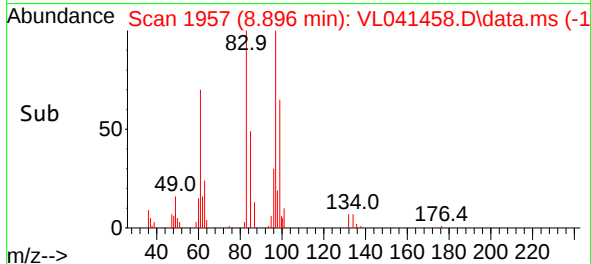
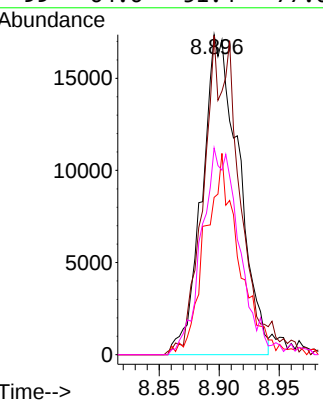
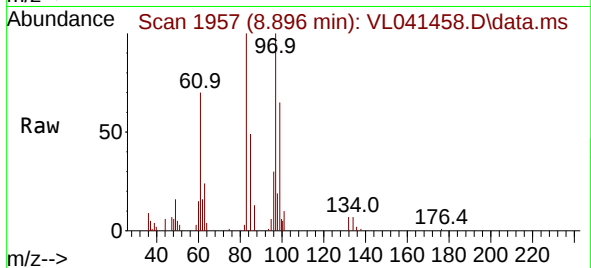
99 64.6 51.4 77.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2024

Supervised By :Mahesh Dadoda 08/01/2024



#48

Dibromochloromethane

Concen: 0.356 ppbv m

RT: 9.716 min Scan# 2212

Delta R.T. -0.003 min

Lab File: VL041458.D

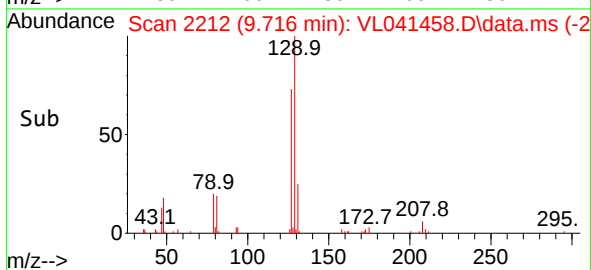
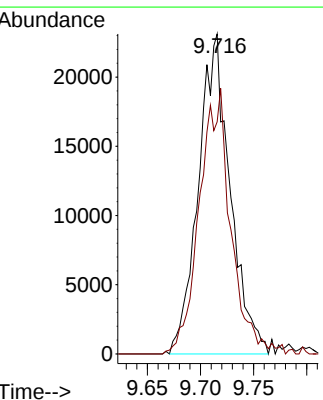
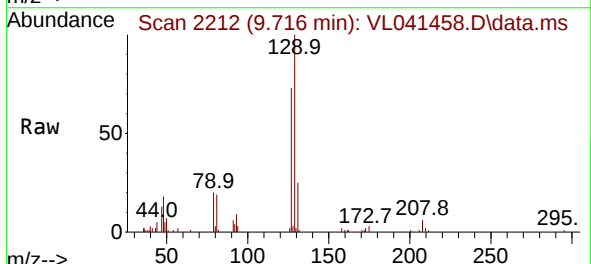
Acq: 31 Jul 2024 11:34

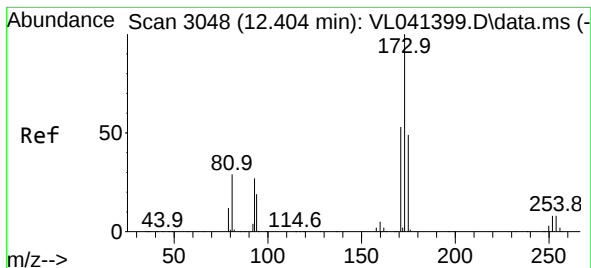
Tgt Ion:129 Resp: 48073

Ion Ratio Lower Upper

129 100

127 82.2 39.3 117.8





#49

Bromoform

Concen: 0.321 ppbv m

RT: 12.417 min Scan# 3048

Delta R.T. 0.003 min

Lab File: VL041458.D

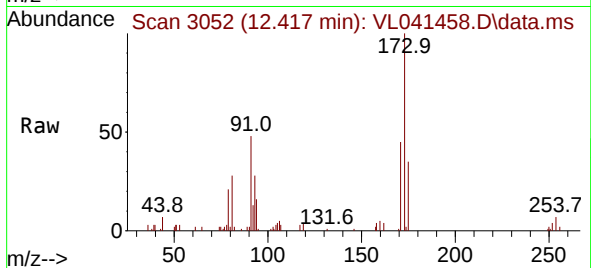
Acq: 31 Jul 2024 11:34

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT3-2024

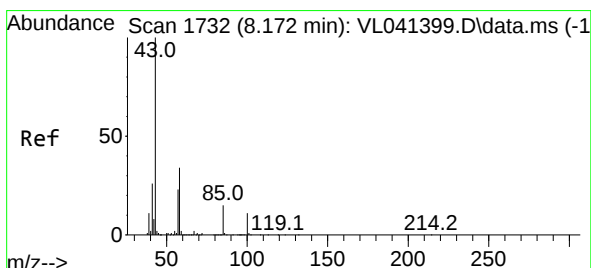
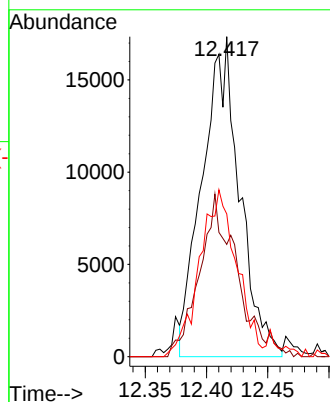
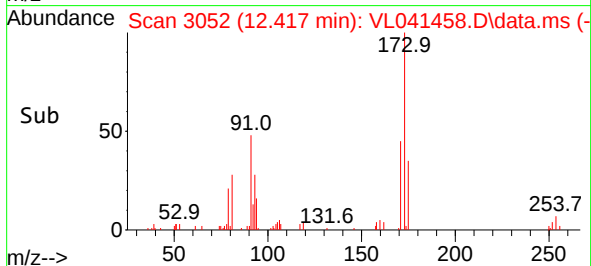


Tgt Ion:	173	Resp:	3665
Ion	Ratio	Lower	Upper
173	100		
175	51.4	39.9	59.9
171	54.9	41.7	62.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#50

4-Methyl-2-Pentanone

Concen: 0.367 ppbv

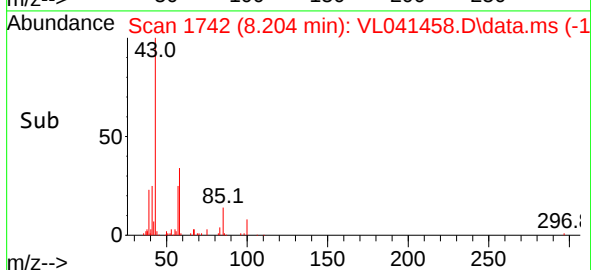
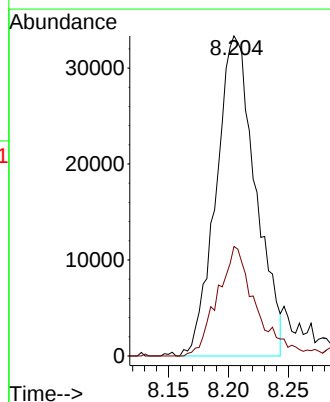
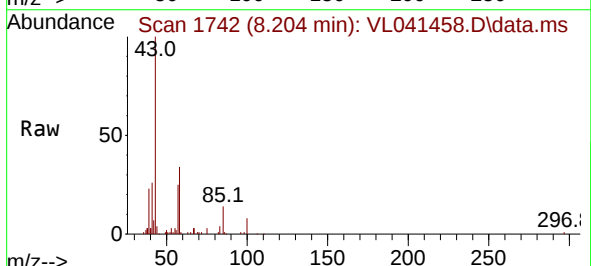
RT: 8.204 min Scan# 1742

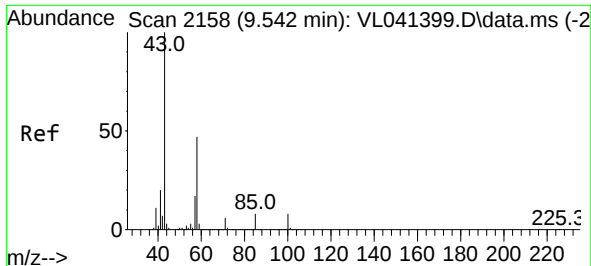
Delta R.T. 0.019 min

Lab File: VL041458.D

Acq: 31 Jul 2024 11:34

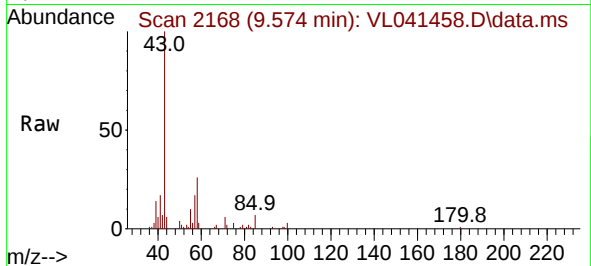
Tgt Ion:	43	Resp:	76216
Ion	Ratio	Lower	Upper
43	100		
58	33.7	27.9	41.9





#51
2-Hexanone
Concen: 0.345 ppbv m
RT: 9.574 min Scan# 2158
Delta R.T. 0.022 min
Lab File: VL041458.D
Acq: 31 Jul 2024 11:34

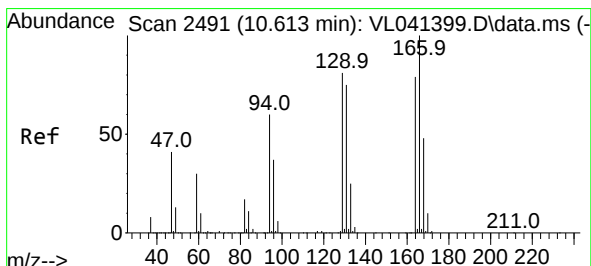
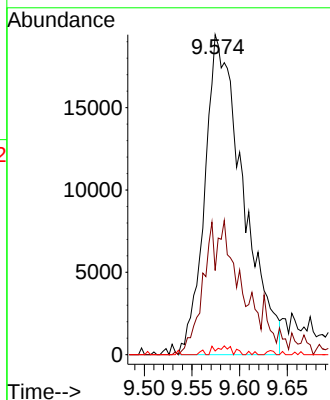
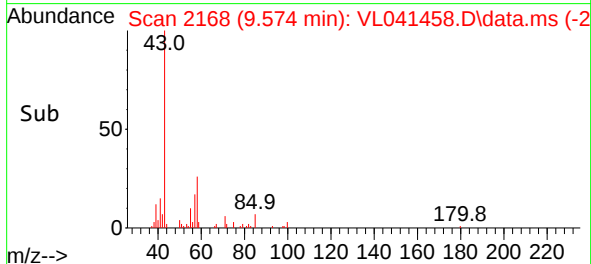
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2024



Tgt Ion: 43 Resp: 5423
Ion Ratio Lower Upper
43 100
58 0.0 38.2 57.2
98 0.0 0.3 0.5

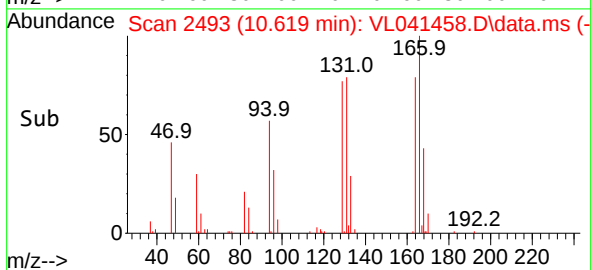
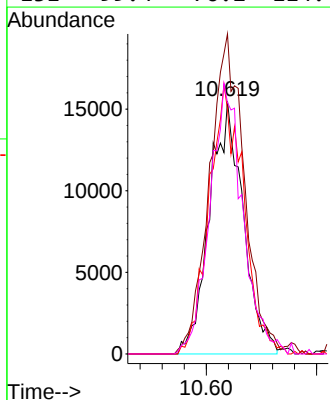
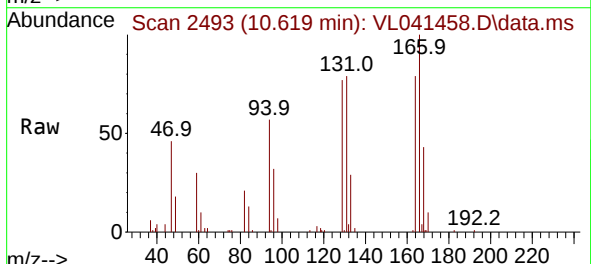
Manual Integrations
APPROVED

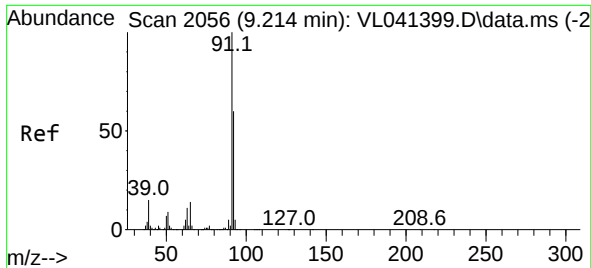
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#52
Tetrachloroethene
Concen: 0.426 ppbv m
RT: 10.619 min Scan# 2493
Delta R.T. -0.003 min
Lab File: VL041458.D
Acq: 31 Jul 2024 11:34

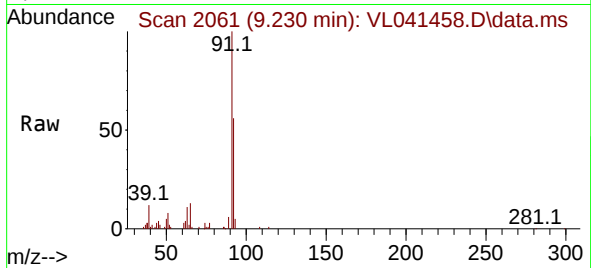
Tgt Ion:164 Resp: 32731
Ion Ratio Lower Upper
164 100
166 126.5 101.1 151.7
129 96.8 81.7 122.5
131 99.4 76.2 114.4





#53
Toluene
Concen: 0.352 ppbv m
RT: 9.230 min Scan# 2056
Delta R.T. 0.003 min
Lab File: VL041458.D
Acq: 31 Jul 2024 11:34

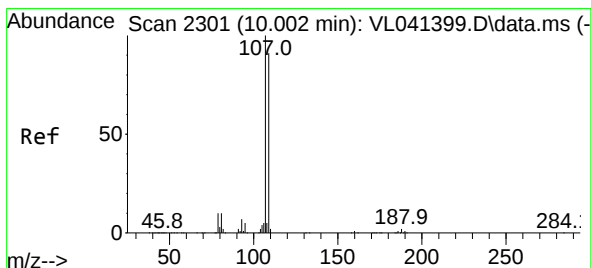
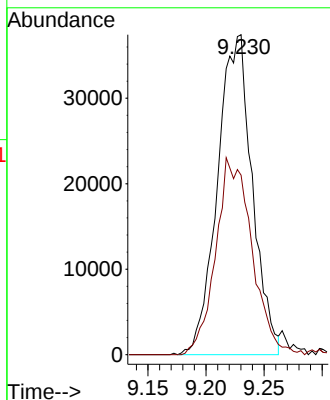
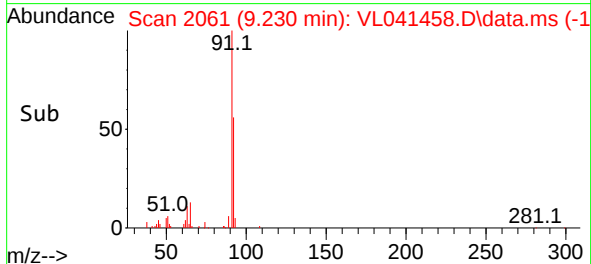
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2024



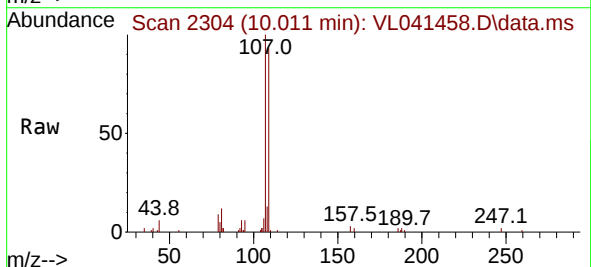
Tgt Ion: 91 Resp: 77990
Ion Ratio Lower Upper
91 100
92 64.7 48.7 73.1

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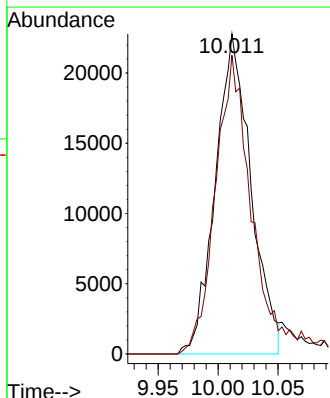
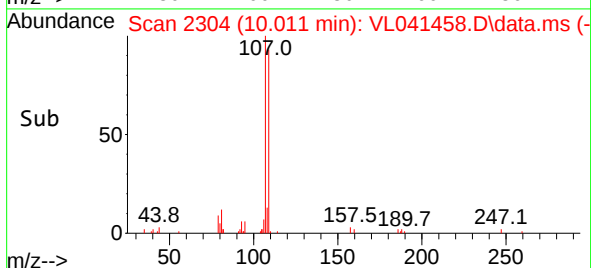
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024

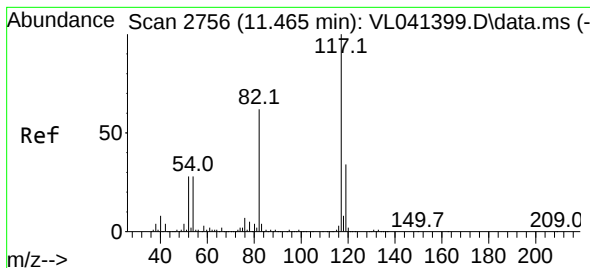


#54
1,2-Dibromoethane
Concen: 0.421 ppbv
RT: 10.011 min Scan# 2304
Delta R.T. -0.003 min
Lab File: VL041458.D
Acq: 31 Jul 2024 11:34



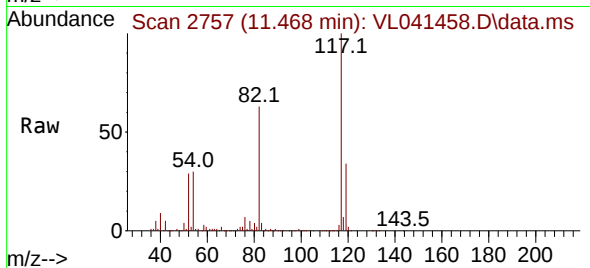
Tgt Ion:107 Resp: 46986
Ion Ratio Lower Upper
107 100
109 93.3 72.7 109.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.468 min Scan# 2756
Delta R.T. -0.003 min
Lab File: VL041458.D
Acq: 31 Jul 2024 11:34

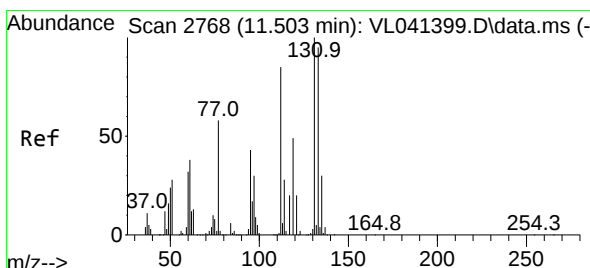
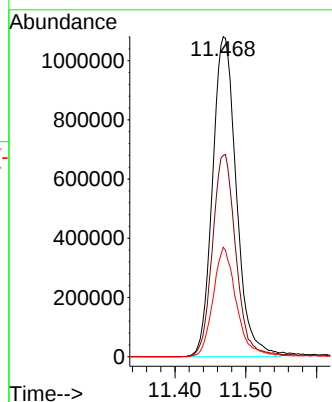
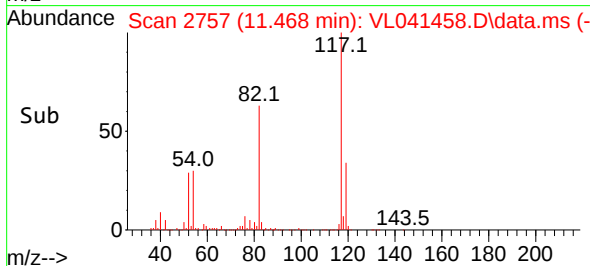
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2024



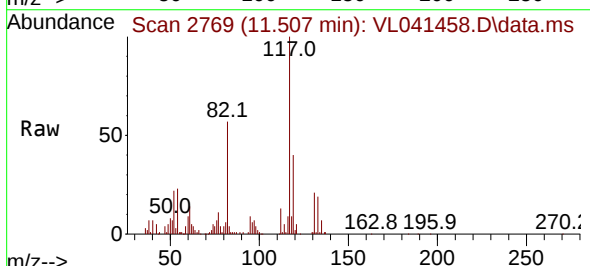
Tgt Ion:117 Resp: 252312
Ion Ratio Lower Upper
117 100
82 62.9 51.0 76.6
119 33.8 45.2 67.8

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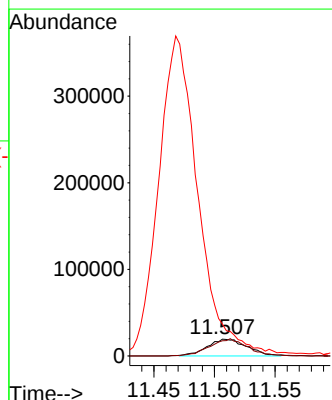
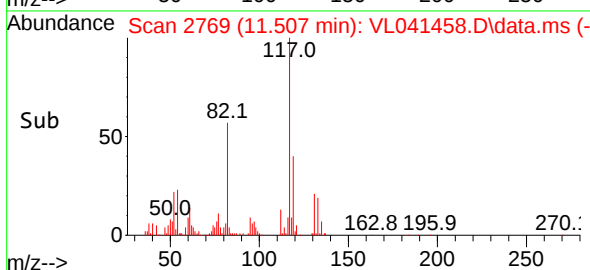
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024

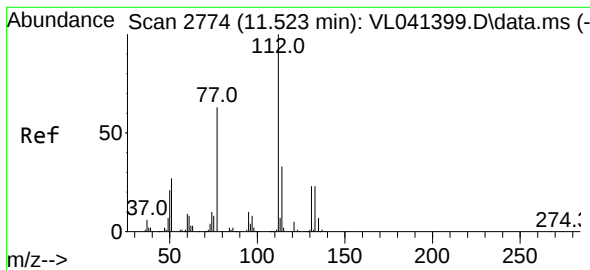


#56
1,1,1,2-Tetrachloroethane
Concen: 0.451 ppbv m
RT: 11.507 min Scan# 2769
Delta R.T. -0.010 min
Lab File: VL041458.D
Acq: 31 Jul 2024 11:34



Tgt Ion:131 Resp: 44155
Ion Ratio Lower Upper
131 100
133 97.8 77.0 115.4
119 0.0 121.5 182.3





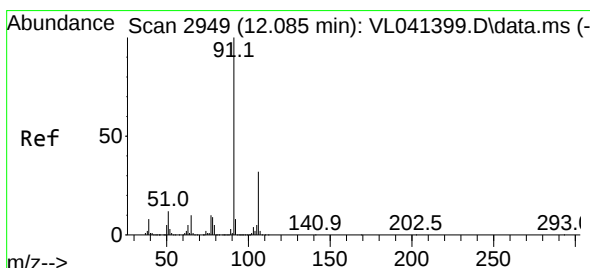
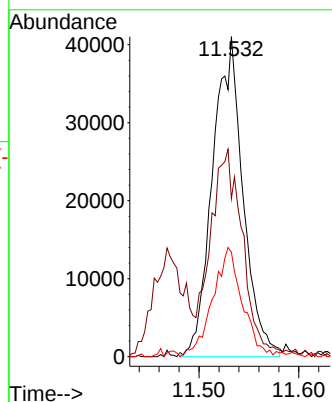
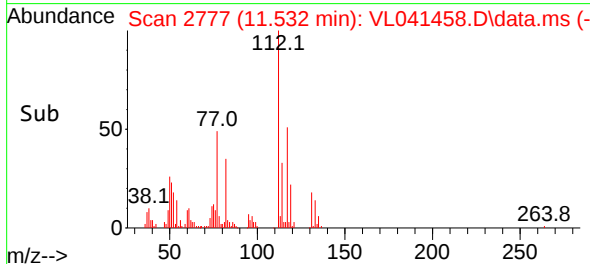
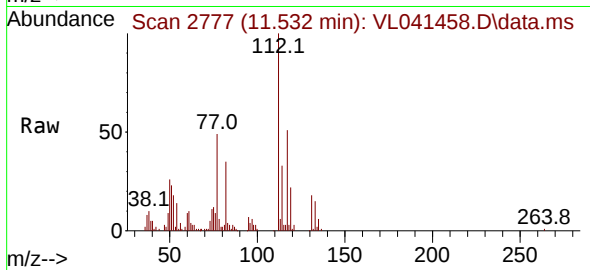
#57
Chlorobenzene
Concen: 0.484 ppbv m
RT: 11.532 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041458.D
Acq: 31 Jul 2024 11:34

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2024

Tgt Ion:112 Resp: 86940
Ion Ratio Lower Upper
112 100
77 49.4 51.1 76.7
114 32.7 29.5 36.1

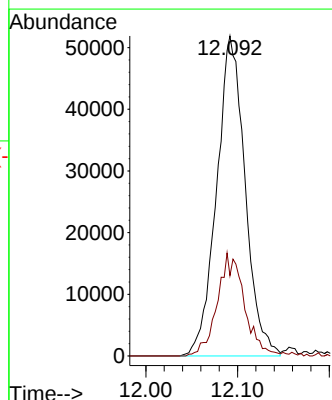
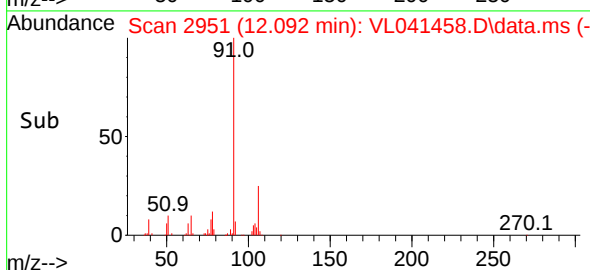
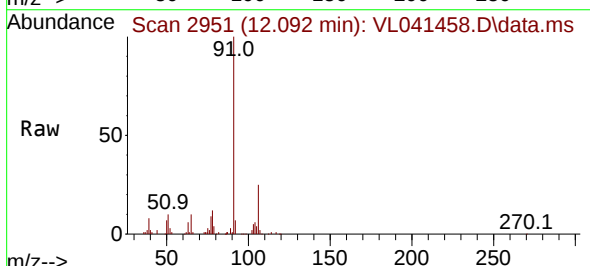
Manual Integrations
APPROVED

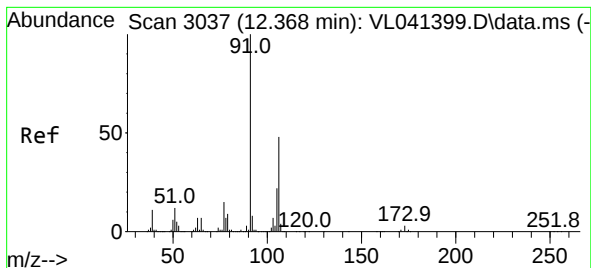
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#58
Ethyl Benzene
Concen: 0.385 ppbv
RT: 12.092 min Scan# 2951
Delta R.T. -0.006 min
Lab File: VL041458.D
Acq: 31 Jul 2024 11:34

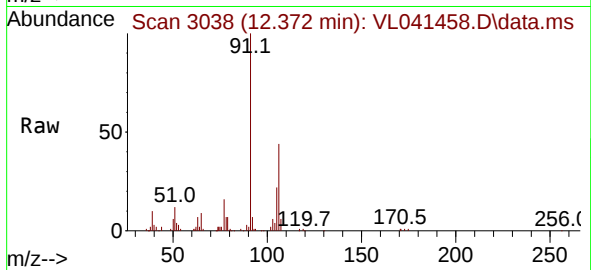
Tgt Ion: 91 Resp: 111881
Ion Ratio Lower Upper
91 100
106 25.1 25.8 38.8#





#59
m/p-Xylene
Concen: 0.806 ppbv m
RT: 12.372 min Scan# 3037
Delta R.T. -0.006 min
Lab File: VL041458.D
Acq: 31 Jul 2024 11:34

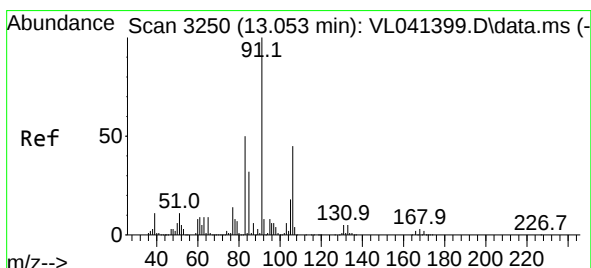
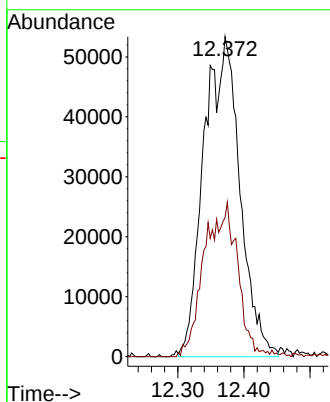
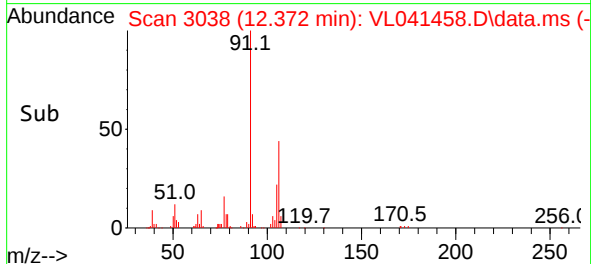
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2024



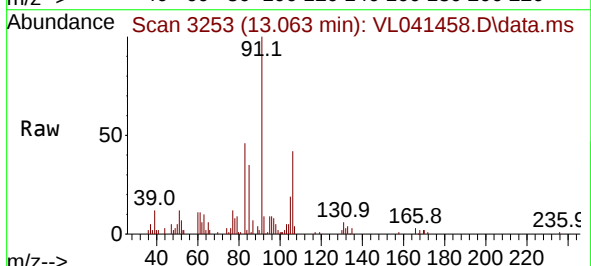
Tgt Ion: 91 Resp: 20223
Ion Ratio Lower Upper
91 100
106 45.0 36.3 54.5

Manual Integrations
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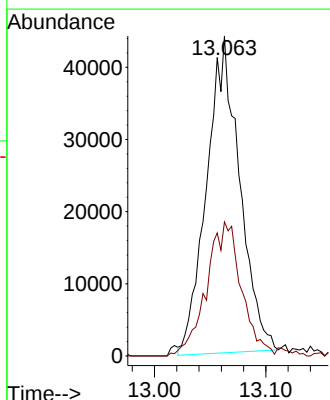
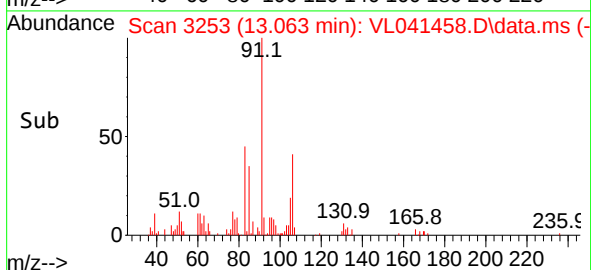
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024

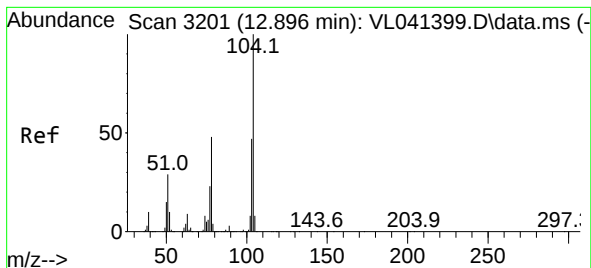


#60
o-Xylene
Concen: 0.380 ppbv
RT: 13.063 min Scan# 3253
Delta R.T. -0.003 min
Lab File: VL041458.D
Acq: 31 Jul 2024 11:34



Tgt Ion: 91 Resp: 90339
Ion Ratio Lower Upper
91 100
106 45.8 23.1 69.3





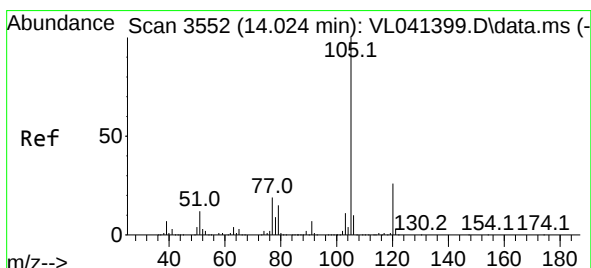
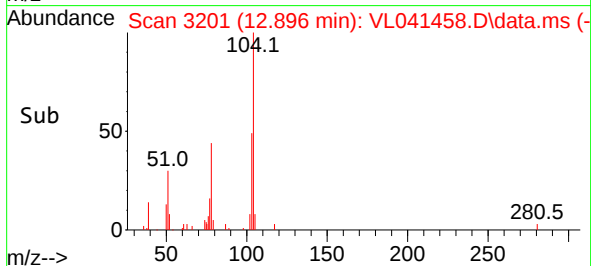
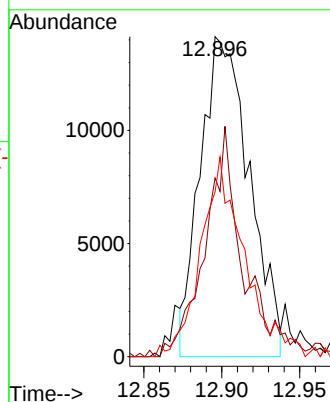
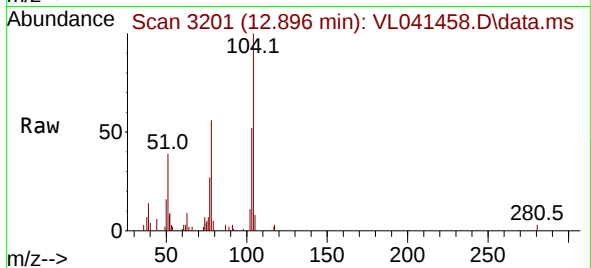
#61
Styrene
Concen: 0.290 ppbv
RT: 12.896 min Scan# 3102
Delta R.T. -0.010 min
Lab File: VL041458.D
Acq: 31 Jul 2024 11:34

Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2024

Tgt Ion:104 Resp: 3102
Ion Ratio Lower Upper
104 100
78 57.2 40.8 61.2
103 56.4 38.2 57.4

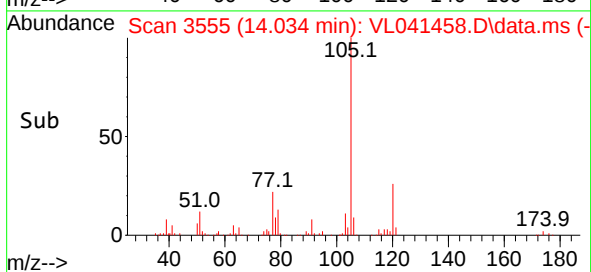
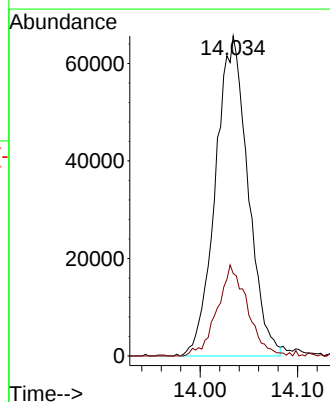
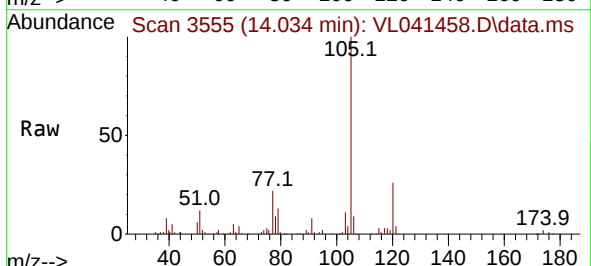
Manual Integrations
APPROVED

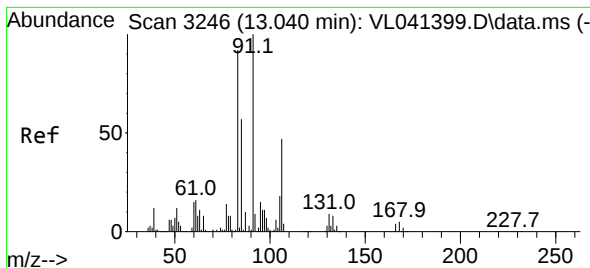
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#62
Isopropylbenzene
Concen: 0.422 ppbv
RT: 14.034 min Scan# 3555
Delta R.T. -0.003 min
Lab File: VL041458.D
Acq: 31 Jul 2024 11:34

Tgt Ion:105 Resp: 152382
Ion Ratio Lower Upper
105 100
120 26.8 21.0 31.4





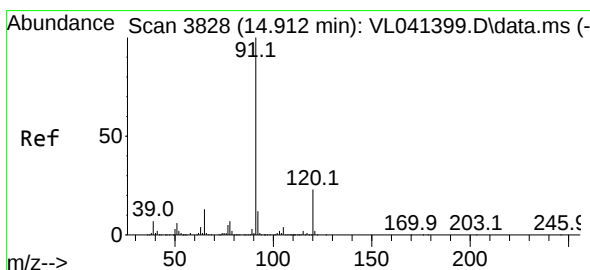
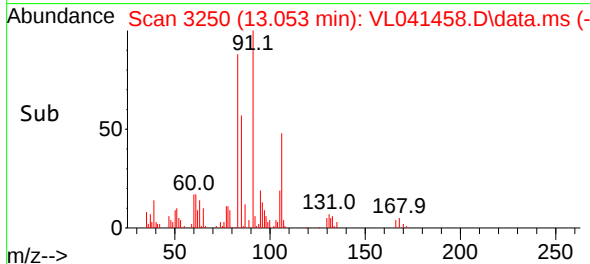
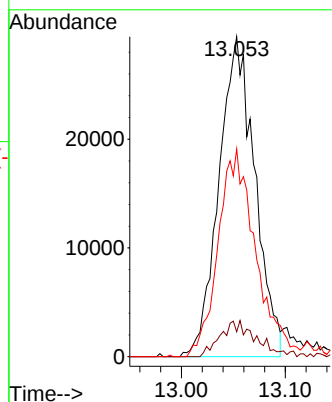
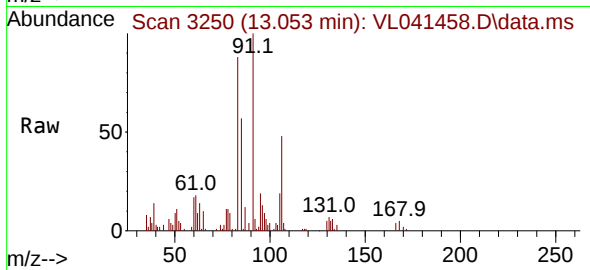
#63
1,1,2,2-Tetrachloroethane
Concen: 0.472 ppbv
RT: 13.053 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL041458.D
Acq: 31 Jul 2024 11:34

Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2024

Tgt Ion: 83 Resp: 7074
Ion Ratio Lower Upper
83 100
131 11.1 4.8 14.4
85 69.0 32.6 98.0

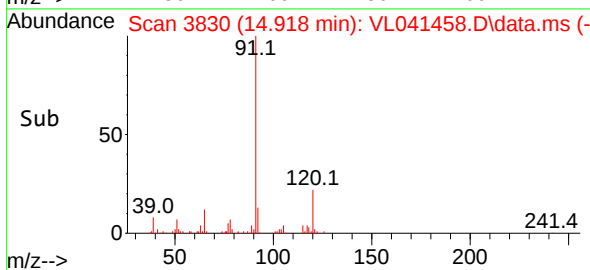
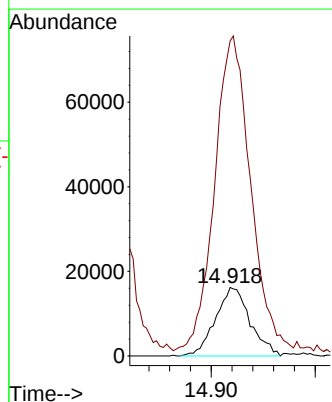
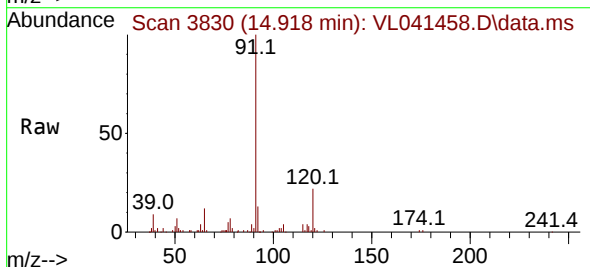
Manual Integrations
APPROVED

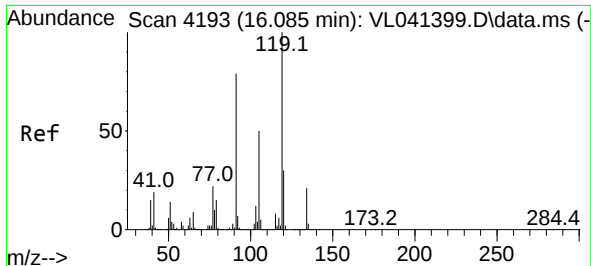
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#64
n-propylbenzene
Concen: 0.397 ppbv
RT: 14.918 min Scan# 3830
Delta R.T. -0.003 min
Lab File: VL041458.D
Acq: 31 Jul 2024 11:34

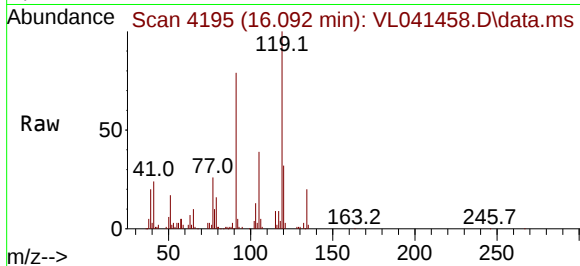
Tgt Ion:120 Resp: 37447
Ion Ratio Lower Upper
120 100
91 518.1 361.4 542.0





#65
tert-Butylbenzene
Concen: 0.399 ppbv m
RT: 16.092 min Scan# 4193
Delta R.T. -0.003 min
Lab File: VL041458.D
Acq: 31 Jul 2024 11:34

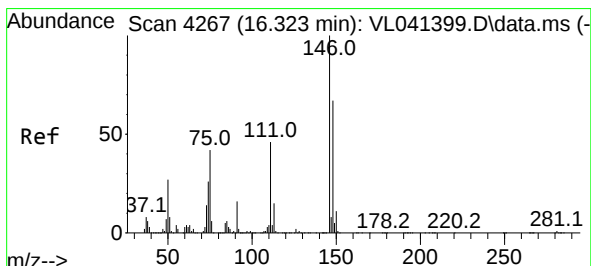
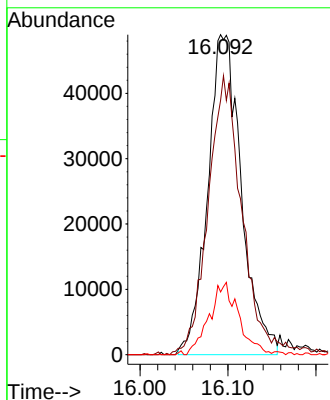
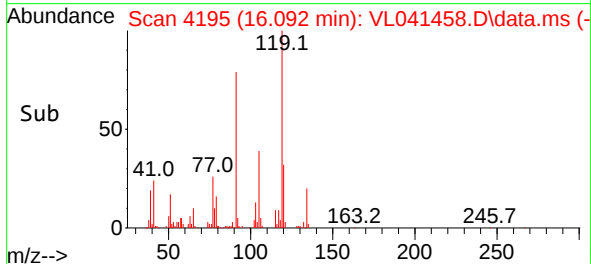
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2024



Tgt Ion: 119 Resp: 13012
Ion Ratio Lower Upper
119 100
91 0.0 64.2 96.2
134 0.0 15.7 23.5

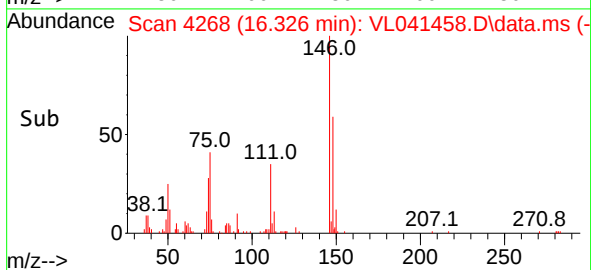
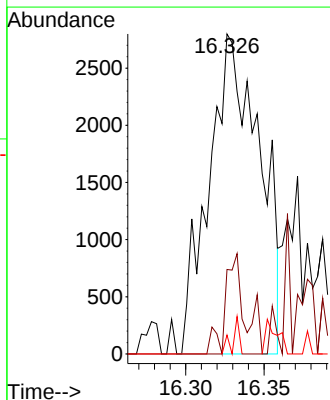
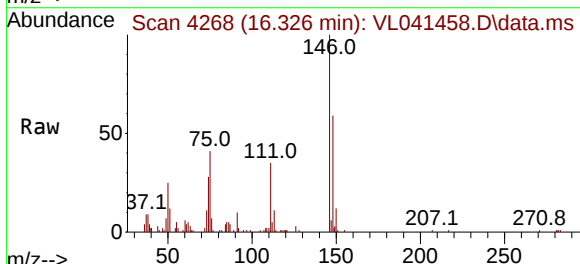
Manual Integrations
APPROVED

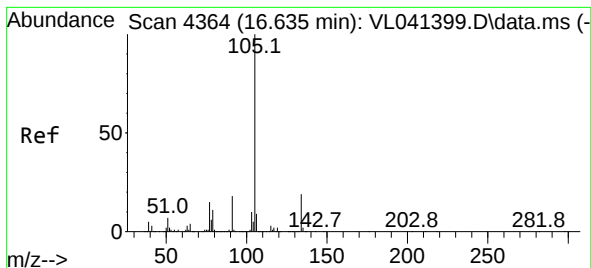
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#66
Benzyl Chloride
Concen: 0.300 ppbv m
RT: 16.326 min Scan# 4268
Delta R.T. -0.010 min
Lab File: VL041458.D
Acq: 31 Jul 2024 11:34

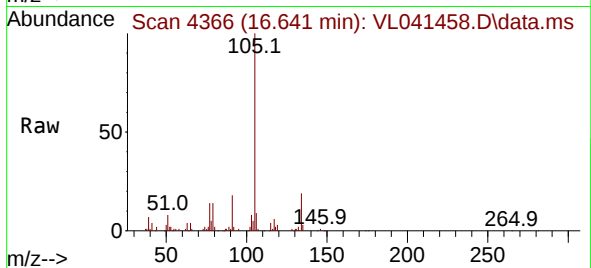
Tgt Ion: 91 Resp: 6285
Ion Ratio Lower Upper
91 100
126 12.4 13.8 20.8#
128 1.5 4.4 6.6#





#67
 sec-Butylbenzene
 Concen: 0.417 ppbv
 RT: 16.641 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL041458.D
 Acq: 31 Jul 2024 11:34

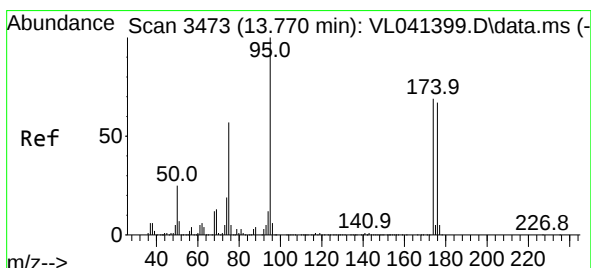
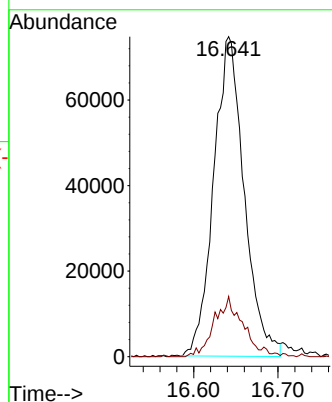
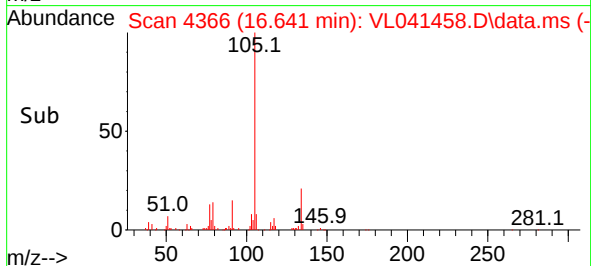
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT3-2024



Tgt Ion:105 Resp: 187315
 Ion Ratio Lower Upper
 105 100
 134 18.1 14.5 21.7

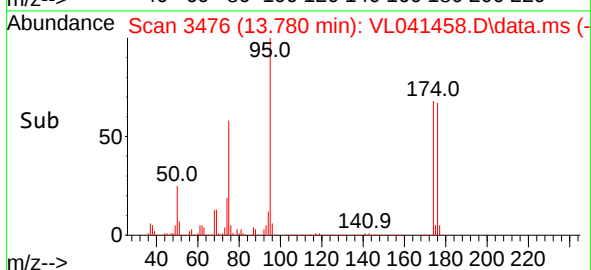
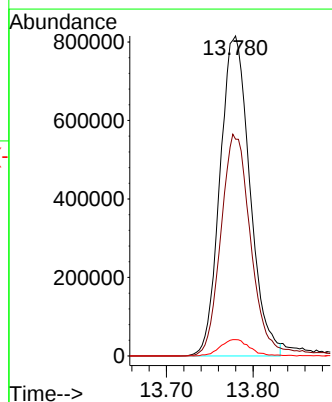
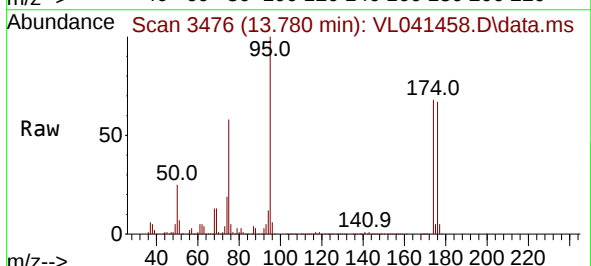
Manual Integrations
 APPROVED

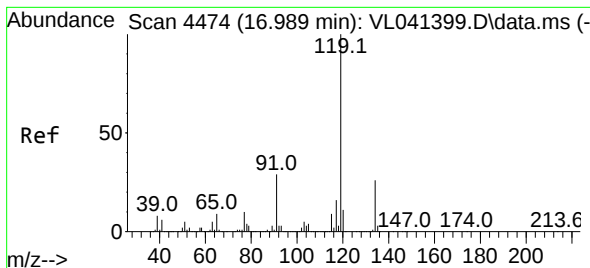
Reviewed By :Semsettin Yesilyurt 08/01/2024
 Supervised By :Mahesh Dadoda 08/01/2024



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.038 ppbv
 RT: 13.780 min Scan# 3476
 Delta R.T. -0.003 min
 Lab File: VL041458.D
 Acq: 31 Jul 2024 11:34

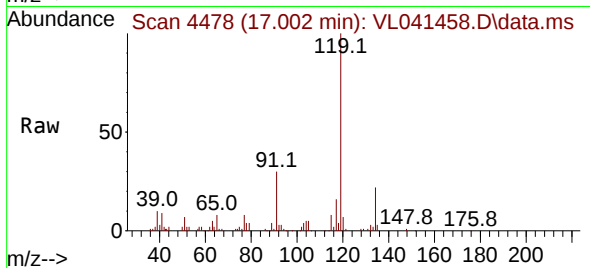
Tgt Ion: 95 Resp: 1949146
 Ion Ratio Lower Upper
 95 100
 174 71.0 56.3 84.5
 175 5.2 4.0 6.0





#69
p-Isopropyltoluene
Concen: 0.371 ppbv
RT: 17.002 min Scan# 4478
Delta R.T. 0.000 min
Lab File: VL041458.D
Acq: 31 Jul 2024 11:34

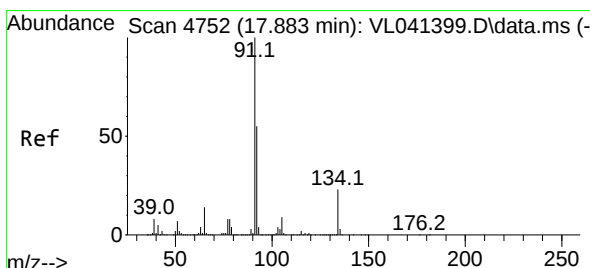
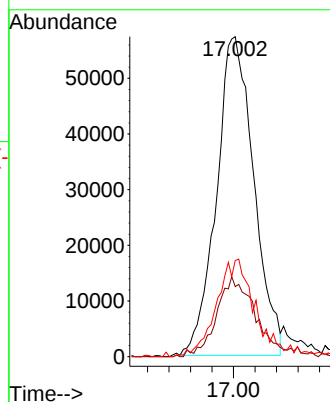
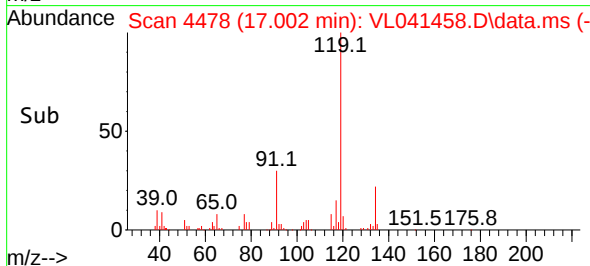
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2024



Tgt Ion: 119 Resp: 138358
Ion Ratio Lower Upper
119 100
134 26.7 20.5 30.7
91 32.5 23.2 34.8

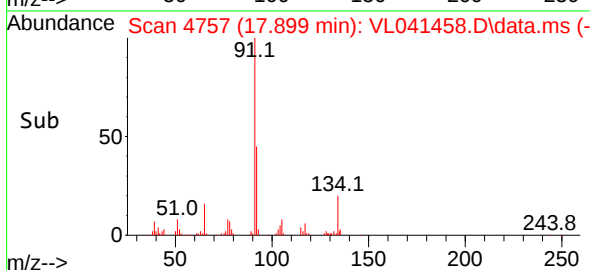
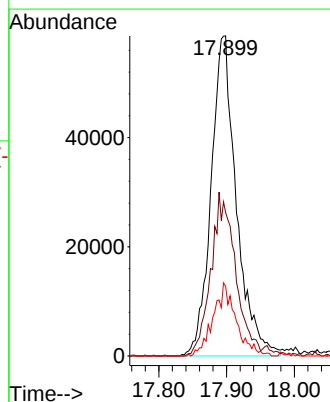
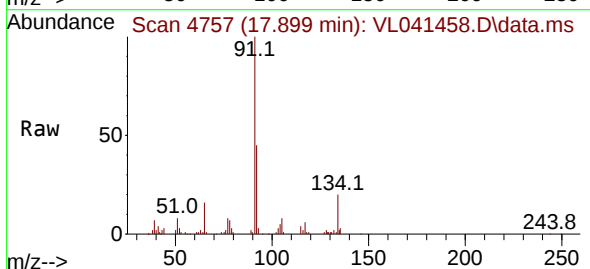
Manual Integrations
APPROVED

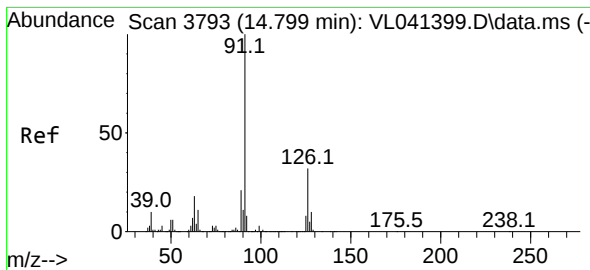
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#70
n-Butylbenzene
Concen: 0.398 ppbv
RT: 17.899 min Scan# 4757
Delta R.T. 0.006 min
Lab File: VL041458.D
Acq: 31 Jul 2024 11:34

Tgt Ion: 91 Resp: 152186
Ion Ratio Lower Upper
91 100
92 51.0 43.2 64.8
134 20.6 18.5 27.7





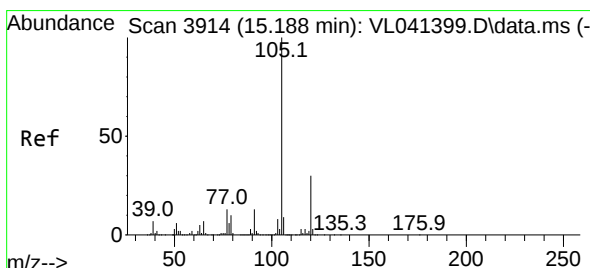
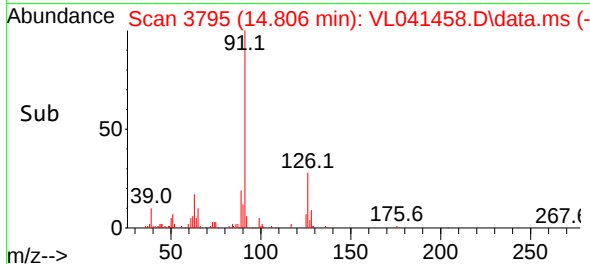
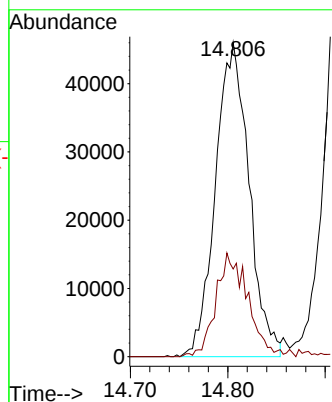
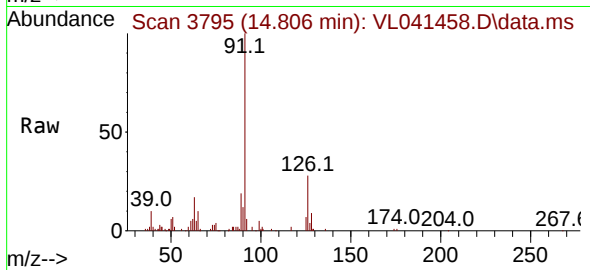
#71
2-Chlorotoluene
Concen: 0.413 ppbv
RT: 14.806 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL041458.D
Acq: 31 Jul 2024 11:34

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2024

Tgt Ion: 91 Resp: 109829
Ion Ratio Lower Upper
91 100
126 31.7 12.7 50.9

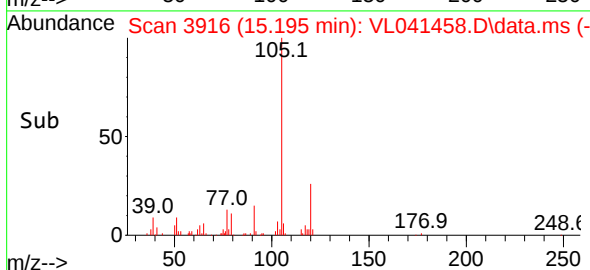
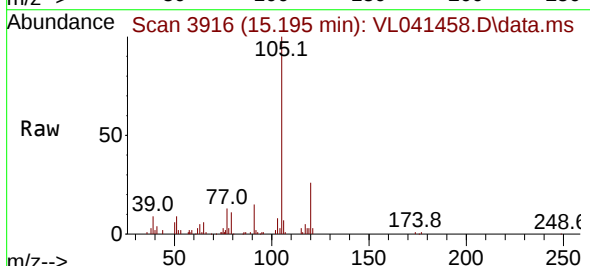
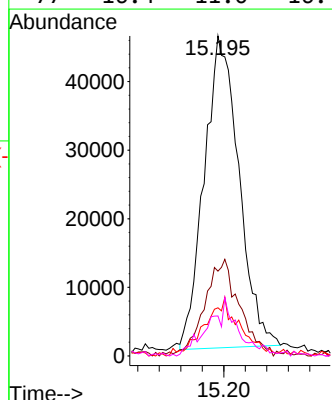
Manual Integrations
APPROVED

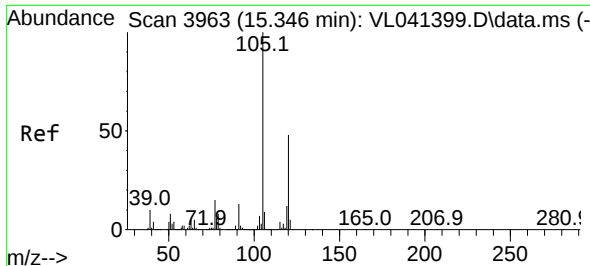
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#72
4-Ethyltoluene
Concen: 0.364 ppbv
RT: 15.195 min Scan# 3916
Delta R.T. -0.003 min
Lab File: VL041458.D
Acq: 31 Jul 2024 11:34

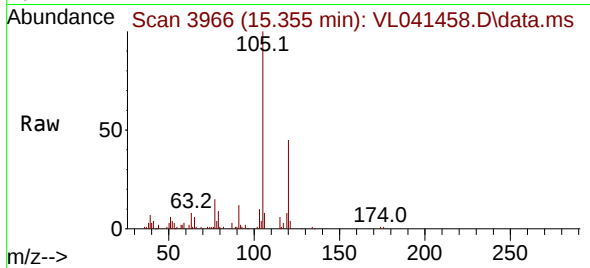
Tgt Ion:105 Resp: 101829
Ion Ratio Lower Upper
105 100
120 31.8 24.2 36.2
91 19.4 10.4 15.6#
77 16.4 11.0 16.4





#73
1,3,5-Trimethylbenzene
Concen: 0.389 ppbv
RT: 15.355 min Scan# 3966
Delta R.T. -0.003 min
Lab File: VL041458.D
Acq: 31 Jul 2024 11:34

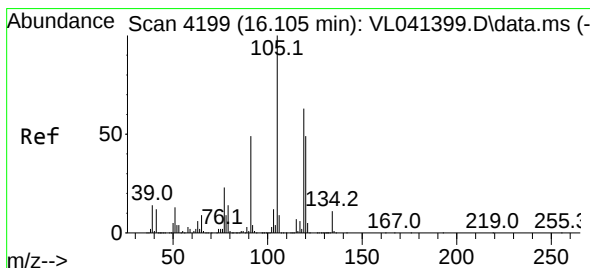
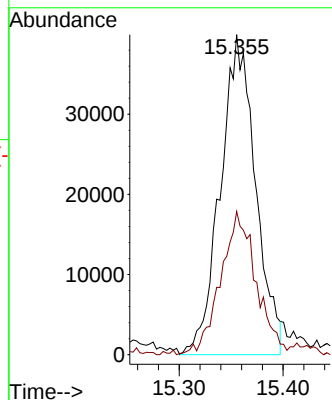
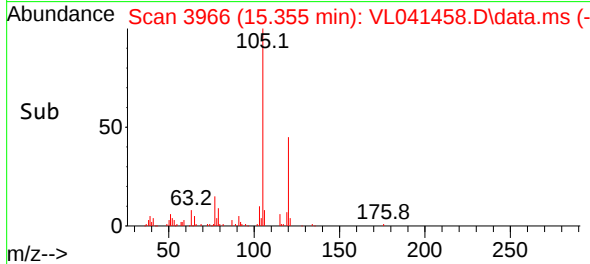
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2024



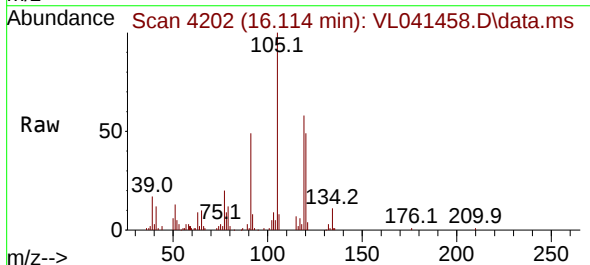
Tgt Ion:105 Resp: 93690
Ion Ratio Lower Upper
105 100
120 44.4 38.6 57.8

Manual Integrations
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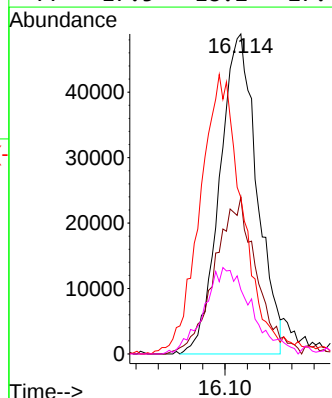
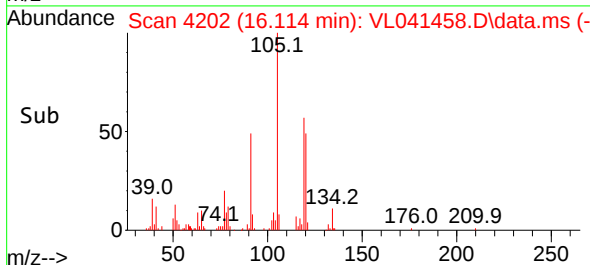
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024

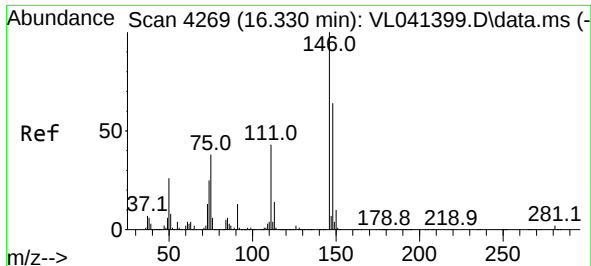


#74
1,2,4-Trimethylbenzene
Concen: 0.405 ppbv
RT: 16.114 min Scan# 4202
Delta R.T. -0.003 min
Lab File: VL041458.D
Acq: 31 Jul 2024 11:34



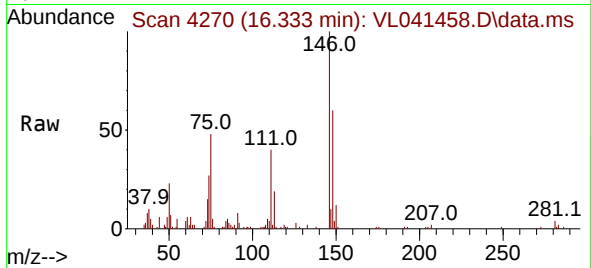
Tgt Ion:105 Resp: 113505
Ion Ratio Lower Upper
105 100
120 47.1 39.5 59.3
91 45.3 39.8 59.8
77 17.5 18.2 27.4#





#75
1,3-Dichlorobenzene
Concen: 0.430 ppbv m
RT: 16.333 min Scan# 4315
Delta R.T. -0.006 min
Lab File: VL041458.D
Acq: 31 Jul 2024 11:34

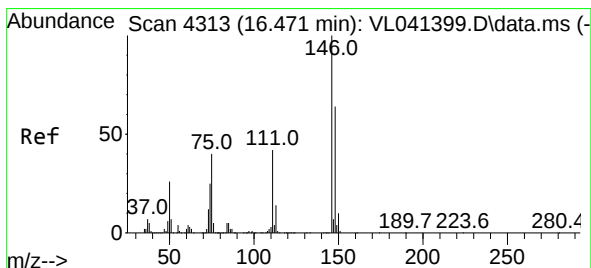
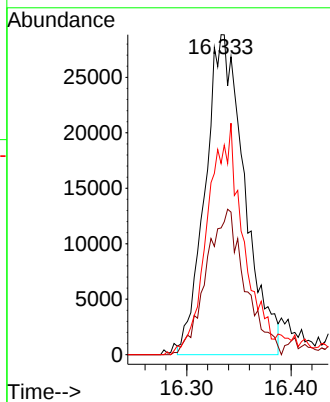
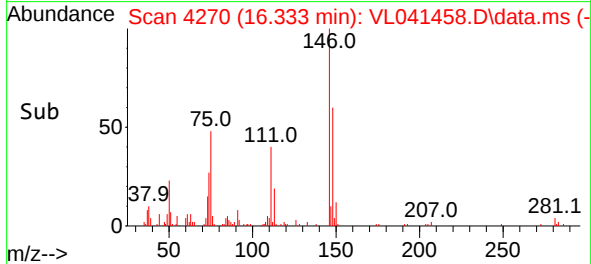
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2024



Tgt Ion:146 Resp: 75700
Ion Ratio Lower Upper
146 100
111 0.0 22.6 67.8
148 0.0 32.3 96.8

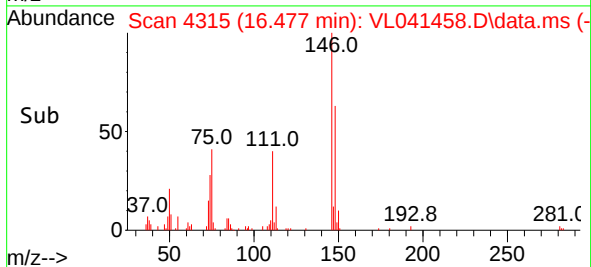
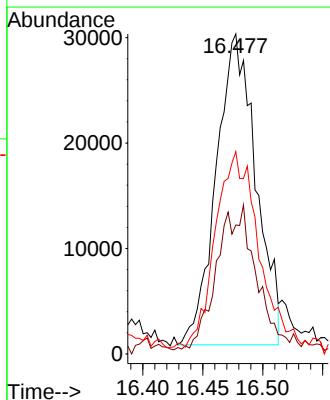
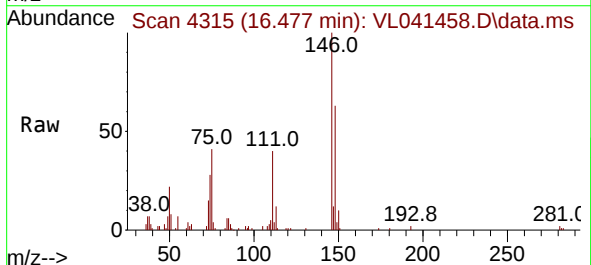
Manual Integrations
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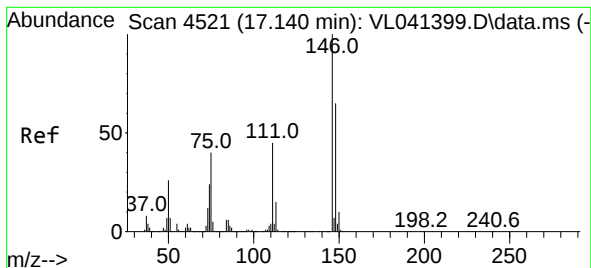
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#76
1,4-Dichlorobenzene
Concen: 0.398 ppbv
RT: 16.477 min Scan# 4315
Delta R.T. -0.003 min
Lab File: VL041458.D
Acq: 31 Jul 2024 11:34

Tgt Ion:146 Resp: 67894
Ion Ratio Lower Upper
146 100
111 53.0 22.4 67.0
148 79.0 33.1 99.5





#77

1,2-Dichlorobenzene

Concen: 0.422 ppbv m

RT: 17.153 min Scan# 4525

Delta R.T. 0.003 min

Lab File: VL041458.D

Acq: 31 Jul 2024 11:34

Instrument :

MSVOA_L

ClientSampleId :

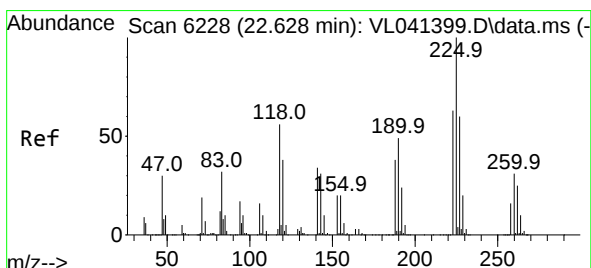
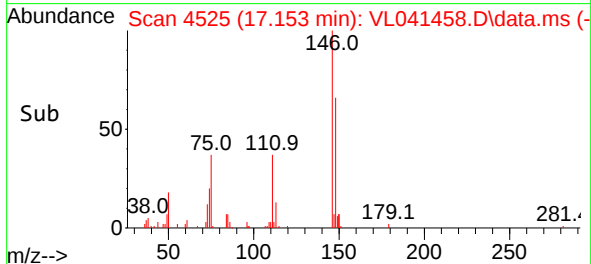
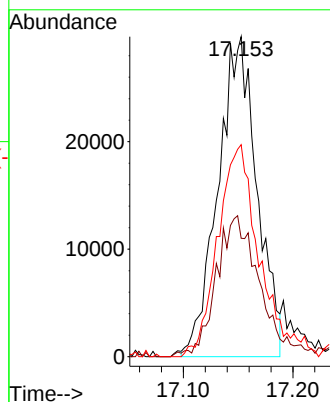
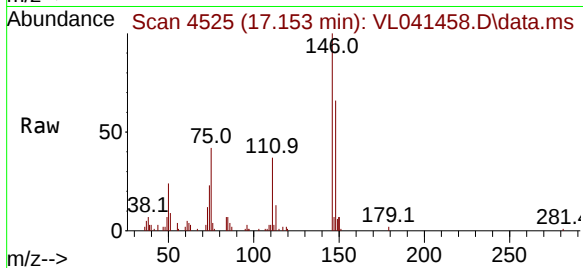
LOD-MDL-AIR-01-QT3-2024

Tgt Ion:146	Resp:	7358
Ion Ratio	Lower	Upper
146	100	
111	0.0	23.4
148	0.0	32.2

Manual Integrations

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Supervised By :Mahesh Dadoda 08/01/2024



#78

Hexachloro-1,3-Butadiene

Concen: 0.489 ppbv m

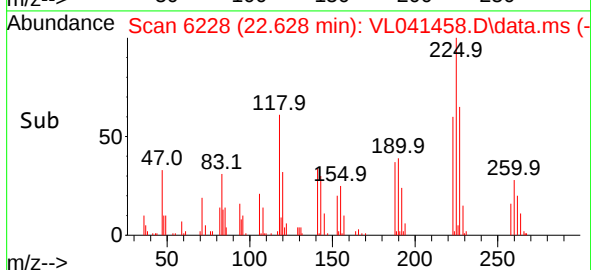
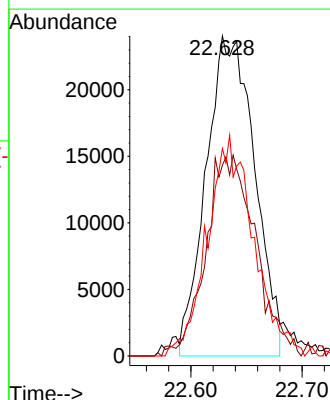
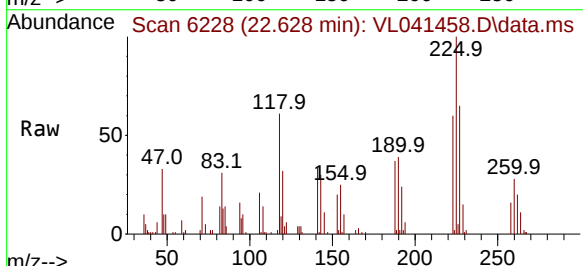
RT: 22.628 min Scan# 6228

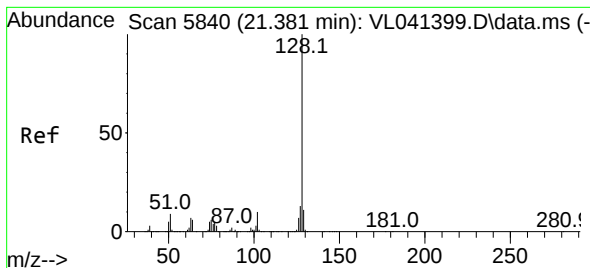
Delta R.T. -0.010 min

Lab File: VL041458.D

Acq: 31 Jul 2024 11:34

Tgt Ion:225	Resp:	72783
Ion Ratio	Lower	Upper
225	100	
223	0.0	50.6
227	0.0	50.8





#79

Naphthalene

Concen: 0.320 ppbv m

RT: 21.403 min Scan# 5840

Delta R.T. 0.013 min

Lab File: VL041458.D

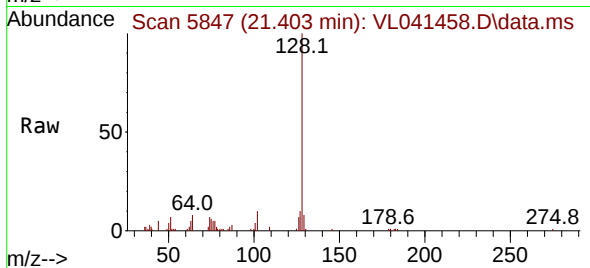
Acq: 31 Jul 2024 11:34

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT3-2024



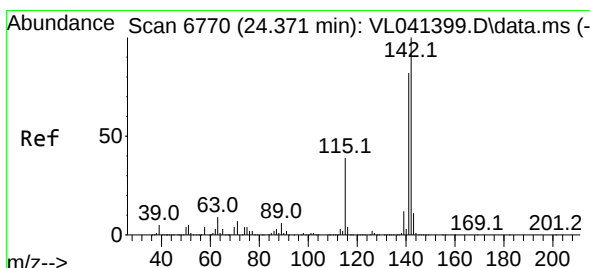
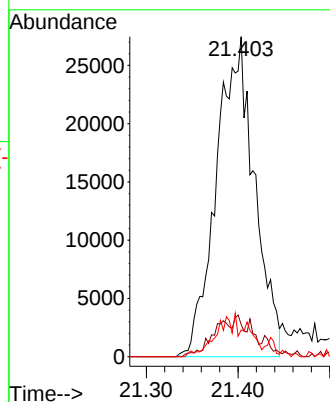
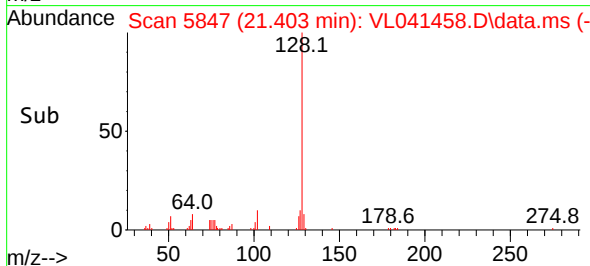
Tgt Ion:128 Resp: 79028

Ion	Ratio	Lower	Upper
128	100		
127	10.1	10.3	15.5
129	8.3	9.0	13.4

Manual Integrations

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Supervised By :Mahesh Dadoda 08/01/2024



#80

Naphthalene,2-methyl-

Concen: 0.197 ppbv m

RT: 24.377 min Scan# 6772

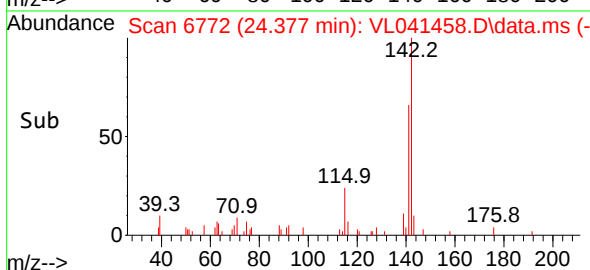
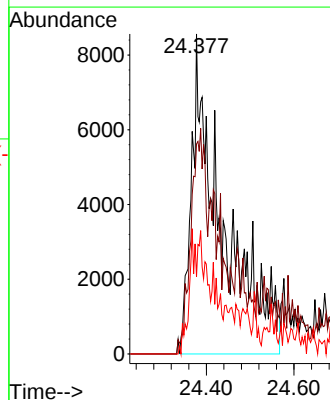
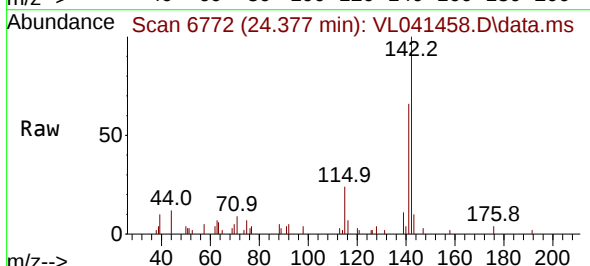
Delta R.T. -0.000 min

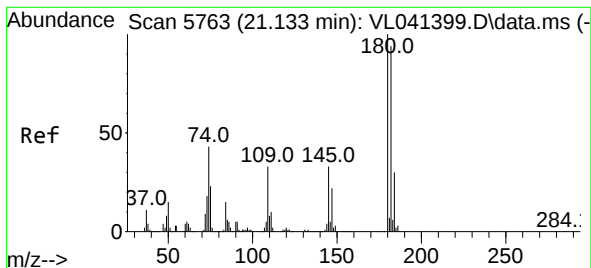
Lab File: VL041458.D

Acq: 31 Jul 2024 11:34

Tgt Ion:142 Resp: 40754

Ion	Ratio	Lower	Upper
142	100		
141	69.1	67.0	100.4
115	26.4	32.2	48.2





#81

1,2,4-Trichlorobenzene

Concen: 0.341 ppbv m

RT: 21.146 min Scan# 5

Delta R.T. -0.000 min

Lab File: VL041458.D

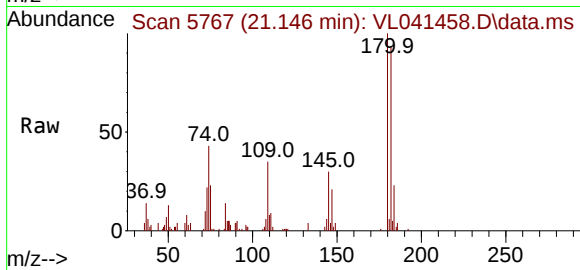
Acq: 31 Jul 2024 11:34

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT3-2024



Tgt Ion:180 Resp: 50104

Ion Ratio Lower Upper

180 100

182 0.0 76.7 115.1

184 34.4 24.5 36.7

Manual Integrations

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Supervised By :Mahesh Dadoda 08/01/2024

