

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL070124\
 Data File : VL041368.D
 Acq On : 1 Jul 2024 14:55
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Quant Time: Jul 01 23:30:40 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL062624AIR.M

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

QLast Update : Mon Jul 01 23:27:24 2024

Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Mahesh Dadoda 07/02/2024
 Supervised By : Semsettin Yesilyurt 07/02/2024

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

Internal Standards						
1) Bromochloromethane	5.218	49	1048020	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.671	114	2829330	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2702974m	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	2009178	9.917	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.771	85	1467883	8.209	ppbv	99
3) Chlorodifluoromethane	2.716	51	1606291	8.889	ppbv	100
4) Chloromethane	2.854	50	618921	8.962	ppbv	100
5) Vinyl Chloride	2.960	62	638550	8.557	ppbv	97
6) Bromomethane	3.156	94	211724	8.969	ppbv	98
7) Chloroethane	3.234	64	225842	9.160	ppbv	99
8) Dichlorotetrafluoroethane	2.899	85	1577954	9.078	ppbv	100
9) Propene	2.735	41	554158	8.862	ppbv	99
10) Heptane	7.594	43	1354369	9.221	ppbv	100
11) Trichlorofluoromethane	3.597	101	1582718	9.092	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.095	101	1090089	8.935	ppbv	100
13) Ethanol	3.282	45	132460m	9.549	ppbv	
14) Bromoethene	3.401	108	455410	9.306	ppbv	96
15) Acetone	3.504	43	1194107	8.627	ppbv	99
16) 1,3-Butadiene	3.025	39	619341	9.401	ppbv	96
17) tert-Butyl alcohol	3.915	59	1127700	10.561	ppbv	100
18) 1,1-Dichloroethene	3.912	96	511388	9.535	ppbv	98
19) Isopropyl Alcohol	3.613	45	814200	10.715	ppbv	100
20) Methylene Chloride	3.964	84	415941	8.282	ppbv	99
21) Allyl Chloride	4.025	41	770566	9.229	ppbv	100
22) trans-1,2-Dichloroethene	4.472	96	495509	9.302	ppbv	99
23) Vinyl Acetate	4.652	43	1430215	10.482	ppbv	99
24) 1,1-Dichloroethane	4.591	63	1082984	9.156	ppbv	100
25) Ethyl Acetate	5.227	43	2312093	9.072	ppbv	99
26) Hexane	5.234	57	1006978	8.922	ppbv	98
27) Carbon Disulfide	4.153	76	1314881	9.576	ppbv	99
28) Methyl tert-Butyl Ether	4.613	73	771966	9.222	ppbv	98
29) Chloroform	5.298	83	1588096	9.121	ppbv	97
30) Cyclohexane	6.616	84	859203	9.557	ppbv	98
31) cis-1,2-Dichloroethene	5.102	61	1000830	9.250	ppbv	99
32) 1,1,1-Trichloroethane	6.021	97	1568503	8.582	ppbv	99
34) 2-Butanone	4.812	43	1401230	9.385	ppbv	99
35) Carbon Tetrachloride	6.510	117	1642189	8.789	ppbv	98
36) Benzene	6.388	78	2130108	9.097	ppbv	98
37) 1,2-Dichloroethane	5.825	62	1225504	9.121	ppbv	100
38) Trichloroethene	7.304	130	826689	8.104	ppbv	98
39) 1,2-Dichloropropane	7.089	63	809903	8.950	ppbv	98
40) 1,4-Dioxane	7.304	88	298841	10.301	ppbv #	8
41) Tetrahydrofuran	5.578	42	882016	9.537	ppbv	99
42) Bromodichloromethane	7.262	83	1745411	9.285	ppbv	99
43) Methyl Methacrylate	7.491	69	845918	9.616	ppbv	100
44) 2,2,4-Trimethylpentane	7.340	57	3561544	8.950	ppbv	99
45) t-1,3-Dichloropropene	8.719	75	583112	10.473	ppbv	96

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Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/02/2024
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL062624AIR.M

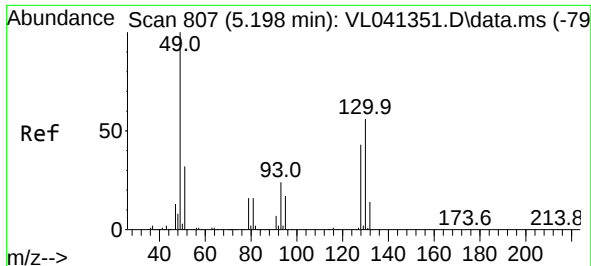
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2

QLast Update : Mon Jul 01 23:27:24 2024

Response via : Initial Calibration

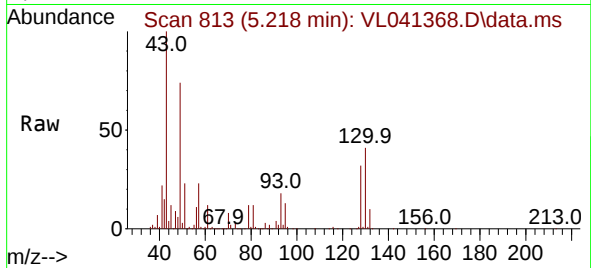
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.153	75	726643	9.706	ppbv	97
47) 1,1,2-Trichloroethane	8.909	97	869461	8.958	ppbv	97
48) Dibromochloromethane	9.716	129	1469119	9.426	ppbv	100
49) Bromoform	12.410	173	1203635	9.697	ppbv	100
50) 4-Methyl-2-Pentanone	8.192	43	2188691	9.129	ppbv	100
51) 2-Hexanone	9.558	43	1562862	9.170	ppbv #	99
52) Tetrachloroethene	10.622	164	761200	8.095	ppbv	98
53) Toluene	9.227	91	2492311	9.437	ppbv	100
54) 1,2-Dibromoethane	10.018	107	1160584	9.663	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.513	131	1069185	8.790	ppbv	98
57) Chlorobenzene	11.532	112	1837382	8.665	ppbv	99
58) Ethyl Benzene	12.092	91	3319854	9.180	ppbv	100
59) m/p-Xylene	12.375	91	5565836m	17.784	ppbv	
60) o-Xylene	13.063	91	2624536	8.885	ppbv	99
61) Styrene	12.899	104	1424922	9.934	ppbv	100
62) Isopropylbenzene	14.034	105	3962041	8.689	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.053	83	1896513	8.150	ppbv	100
64) n-propylbenzene	14.921	120	1051298	8.832	ppbv	97
65) tert-Butylbenzene	16.092	119	3586071	8.832	ppbv	99
66) Benzyl Chloride	16.330	91	272359m	10.208	ppbv	
67) sec-Butylbenzene	16.635	105	5091773	8.867	ppbv	99
69) p-Isopropyltoluene	16.995	119	4225198	8.909	ppbv	100
70) n-Butylbenzene	17.886	91	4393505	9.062	ppbv	100
71) 2-Chlorotoluene	14.802	91	3049970	9.003	ppbv	99
72) 4-Ethyltoluene	15.195	105	3281947	9.329	ppbv	100
73) 1,3,5-Trimethylbenzene	15.352	105	2816637	9.353	ppbv	99
74) 1,2,4-Trimethylbenzene	16.108	105	3101730	9.141	ppbv	93
75) 1,3-Dichlorobenzene	16.333	146	1829748	9.090	ppbv	100
76) 1,4-Dichlorobenzene	16.474	146	1817397	9.062	ppbv	98
77) 1,2-Dichlorobenzene	17.143	146	1779336	8.670	ppbv	99
78) Hexachloro-1,3-Butadiene	22.641	225	660834	4.427	ppbv	99
79) Naphthalene	21.394	128	851092	4.664	ppbv	99
80) Naphthalene,2-methyl-	24.371	142	1001	2.084	ppbv #	29
81) 1,2,4-Trichlorobenzene	21.153	180	572418	5.075	ppbv	98

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.218 min Scan# 81
Delta R.T. -0.000 min
Lab File: VL041368.D
Acq: 1 Jul 2024 14:55

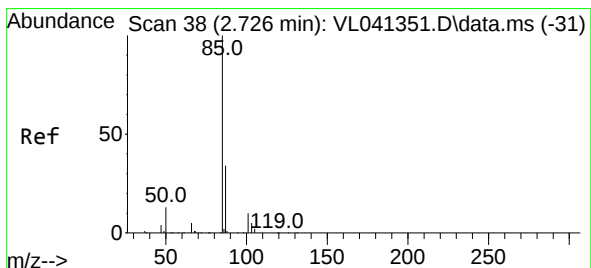
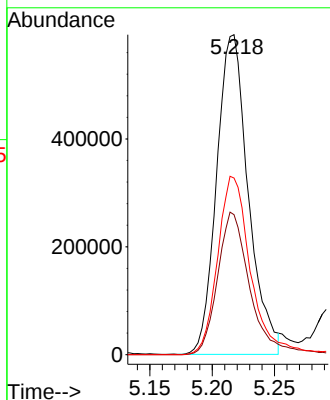
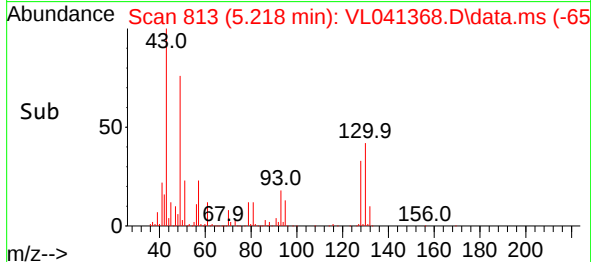
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 49 Resp: 1048020
Ion Ratio Lower Upper
49 100
128 46.6 22.8 68.3
130 59.0 28.9 86.7

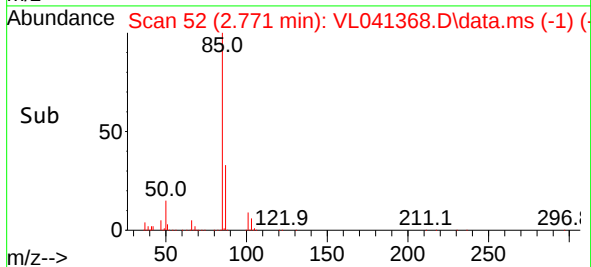
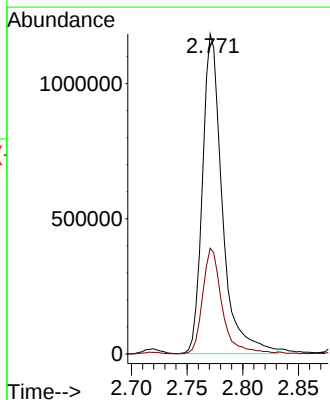
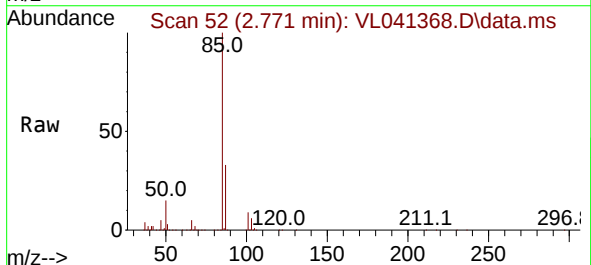
Manual Integrations
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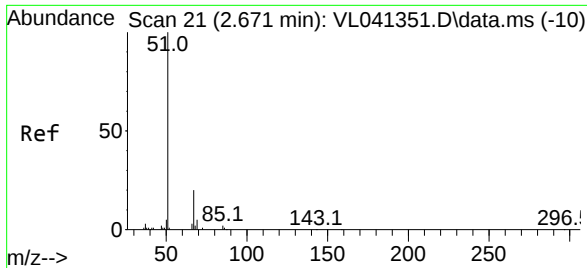
Reviewed By :Mahesh Dadoda 07/02/2024
Supervised By :Semsettin Yesilyurt 07/02/2024



#2
Dichlorodifluoromethane
Concen: 8.209 ppbv
RT: 2.771 min Scan# 52
Delta R.T. 0.000 min
Lab File: VL041368.D
Acq: 1 Jul 2024 14:55

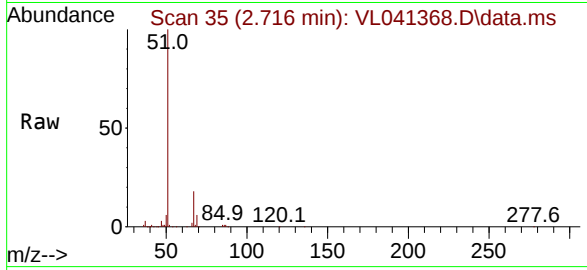
Tgt Ion: 85 Resp: 1467883
Ion Ratio Lower Upper
85 100
87 33.0 25.9 38.9





#3
Chlorodifluoromethane
Concen: 8.889 ppbv
RT: 2.716 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041368.D
Acq: 1 Jul 2024 14:55

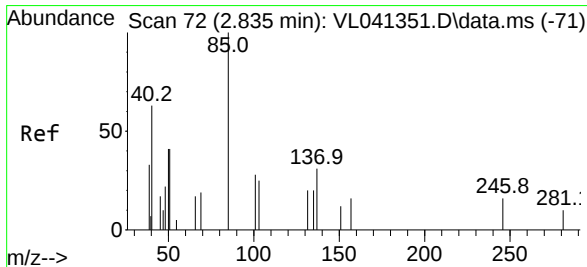
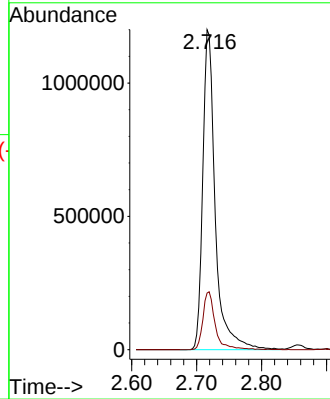
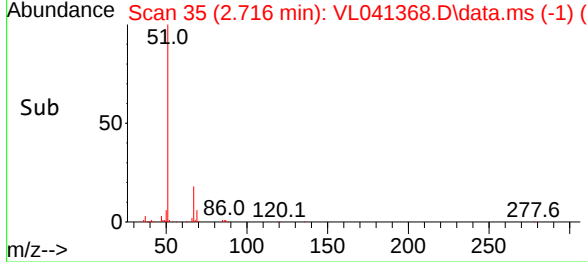
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



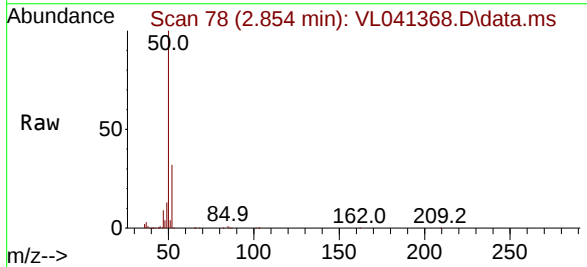
Tgt Ion: 51 Resp: 160629
Ion Ratio Lower Upper
51 100
67 18.1 14.3 21.5

Manual Integrations
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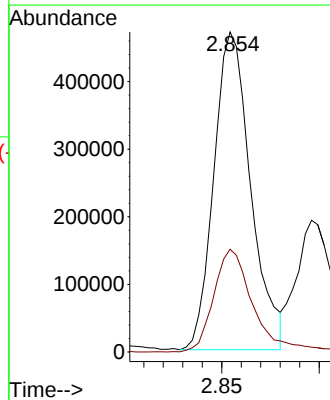
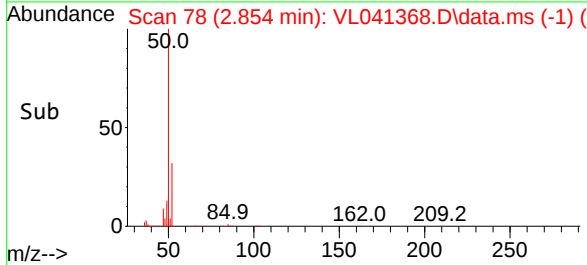
Reviewed By :Mahesh Dadoda 07/02/2024
Supervised By :Semsettin Yesilyurt 07/02/2024

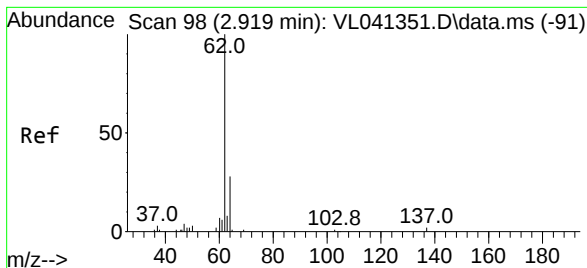


#4
Chloromethane
Concen: 8.962 ppbv
RT: 2.854 min Scan# 78
Delta R.T. 0.000 min
Lab File: VL041368.D
Acq: 1 Jul 2024 14:55



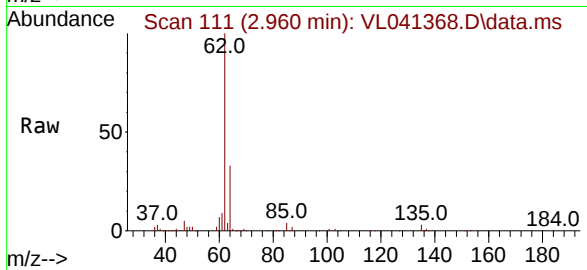
Tgt Ion: 50 Resp: 618921
Ion Ratio Lower Upper
50 100
52 32.3 25.6 38.4





#5
 Vinyl Chloride
 Concen: 8.557 ppbv
 RT: 2.960 min Scan# 111
 Delta R.T. 0.000 min
 Lab File: VL041368.D
 Acq: 1 Jul 2024 14:55

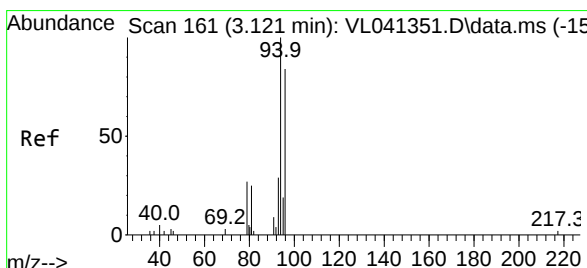
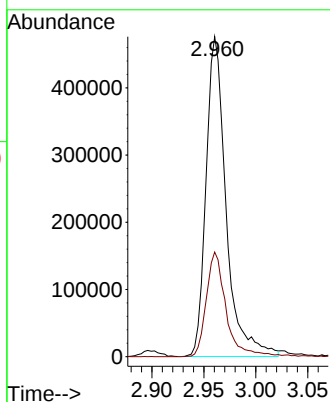
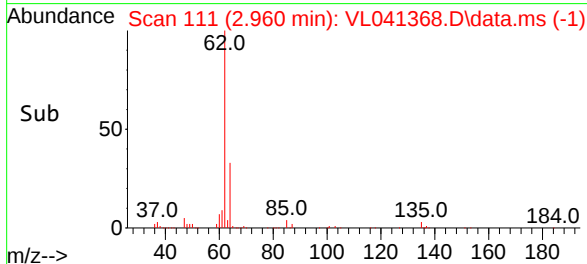
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



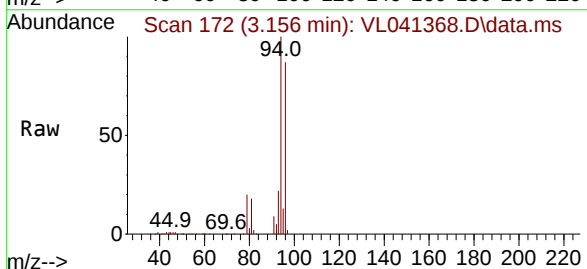
Tgt Ion: 62 Resp: 638550
 Ion Ratio Lower Upper
 62 100
 64 32.7 25.0 37.6

Manual Integrations
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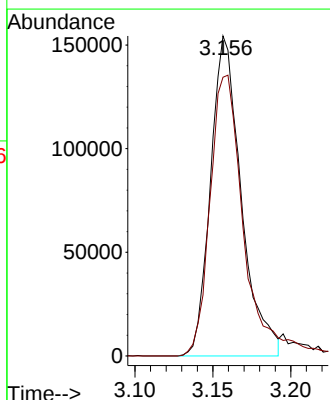
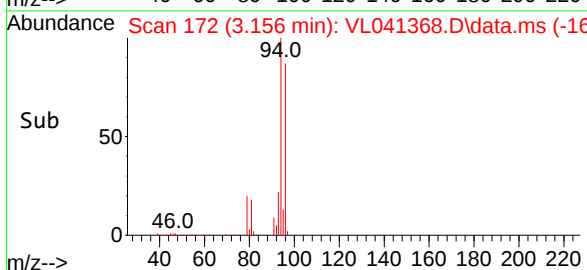
Reviewed By :Mahesh Dadoda 07/02/2024
 Supervised By :Semsettin Yesilyurt 07/02/2024

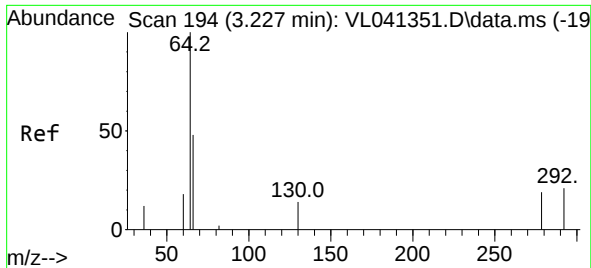


#6
 Bromomethane
 Concen: 8.969 ppbv
 RT: 3.156 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VL041368.D
 Acq: 1 Jul 2024 14:55



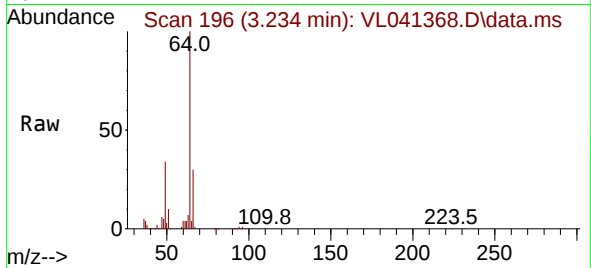
Tgt Ion: 94 Resp: 211724
 Ion Ratio Lower Upper
 94 100
 96 87.1 71.0 106.4





#7
Chloroethane
Concen: 9.160 ppbv
RT: 3.234 min Scan# 194
Delta R.T. 0.000 min
Lab File: VL041368.D
Acq: 1 Jul 2024 14:55

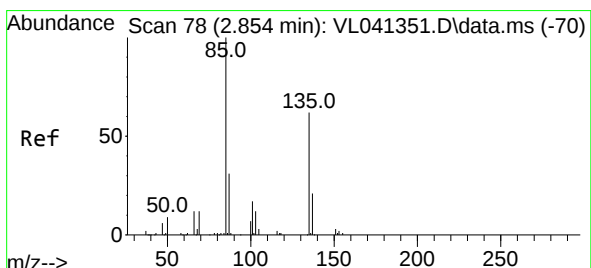
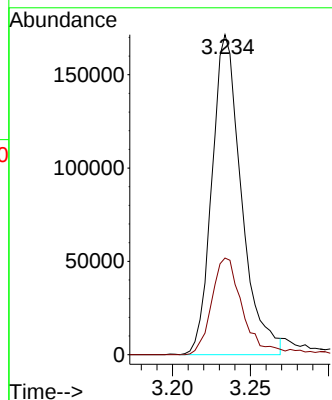
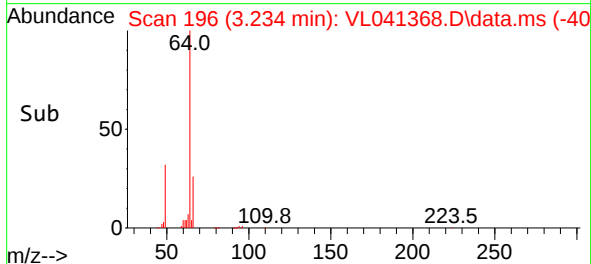
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



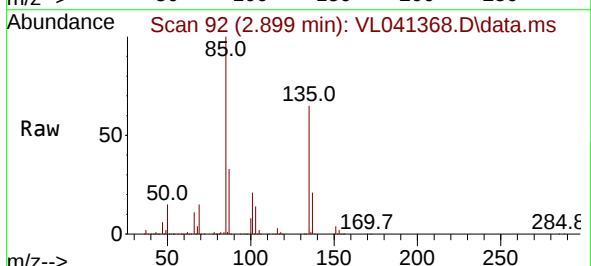
Tgt Ion: 64 Resp: 22584
Ion Ratio Lower Upper
64 100
66 30.2 24.6 36.8

Manual Integrations
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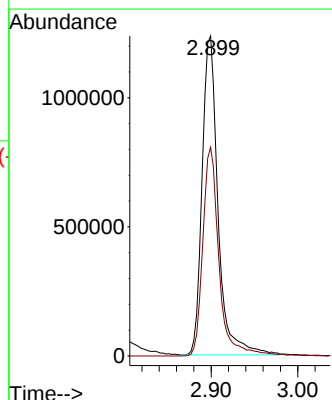
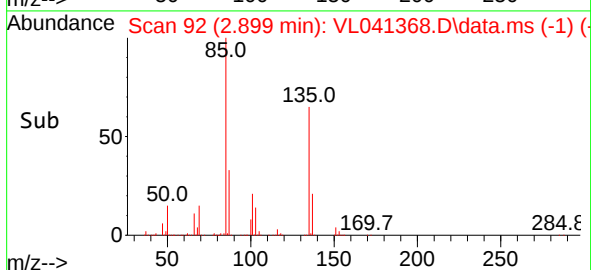
Reviewed By :Mahesh Dadoda 07/02/2024
Supervised By :Semsettin Yesilyurt 07/02/2024

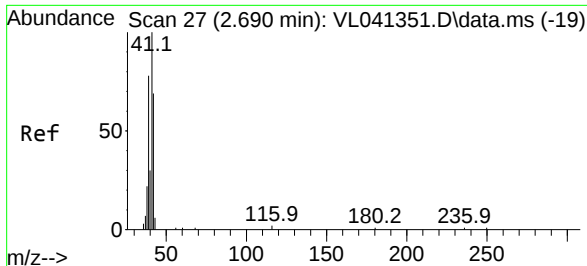


#8
Dichlorotetrafluoroethane
Concen: 9.078 ppbv
RT: 2.899 min Scan# 92
Delta R.T. 0.000 min
Lab File: VL041368.D
Acq: 1 Jul 2024 14:55



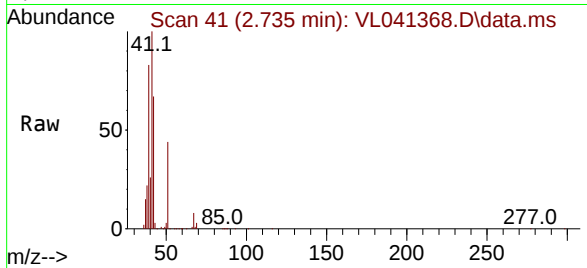
Tgt Ion: 85 Resp: 1577954
Ion Ratio Lower Upper
85 100
135 67.0 53.7 80.5





#9
Propene
Concen: 8.862 ppbv
RT: 2.735 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL041368.D
Acq: 1 Jul 2024 14:55

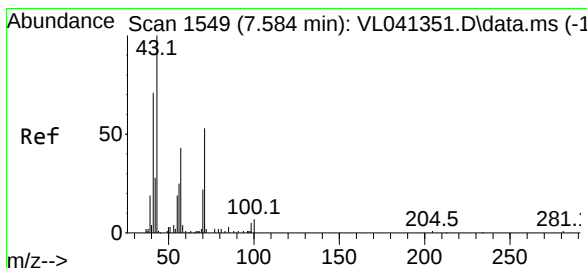
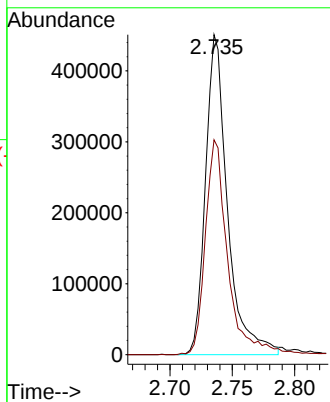
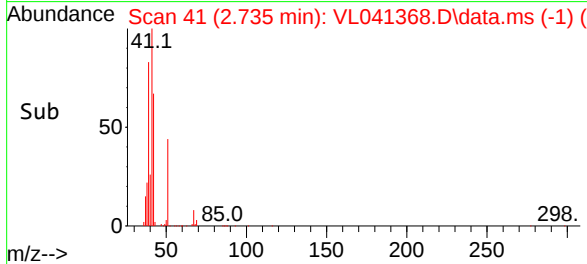
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



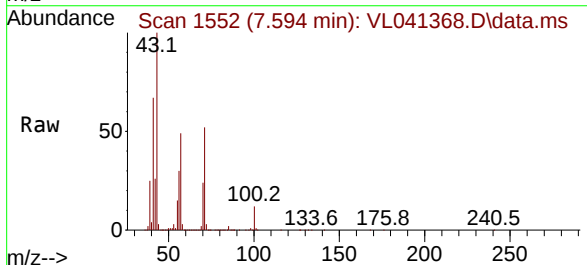
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Ion Ratio Lower Upper
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42 69.1 55.8 83.8

Manual Integrations
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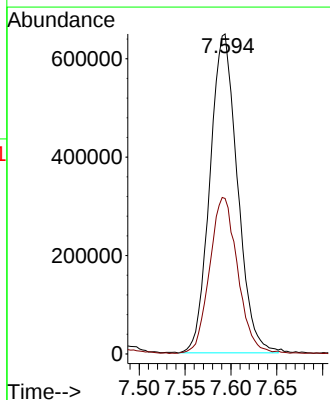
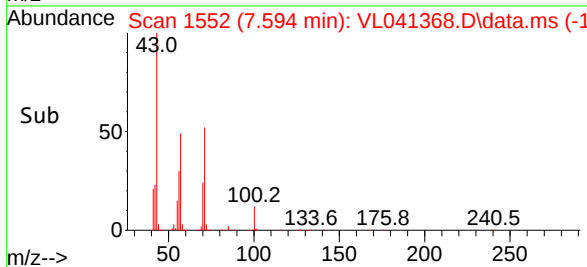
Reviewed By :Mahesh Dadoda 07/02/2024
Supervised By :Semsettin Yesilyurt 07/02/2024

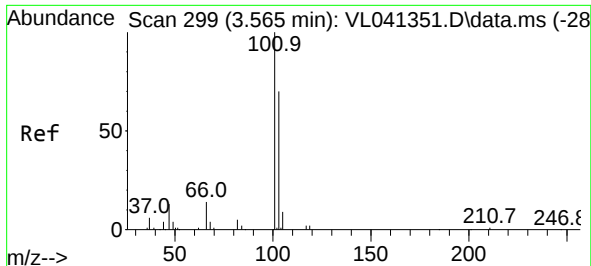


#10
Heptane
Concen: 9.221 ppbv
RT: 7.594 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VL041368.D
Acq: 1 Jul 2024 14:55



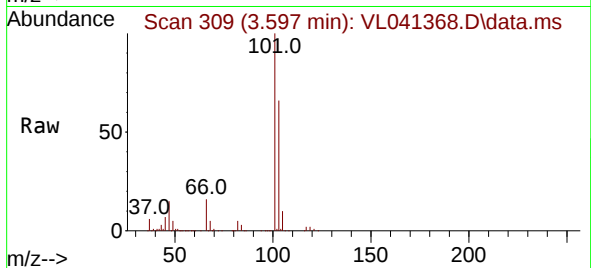
Tgt Ion: 43 Resp: 1354369
Ion Ratio Lower Upper
43 100
57 50.2 40.3 60.5





#11
Trichlorofluoromethane
Concen: 9.092 ppbv
RT: 3.597 min Scan# 309
Delta R.T. 0.000 min
Lab File: VL041368.D
Acq: 1 Jul 2024 14:55

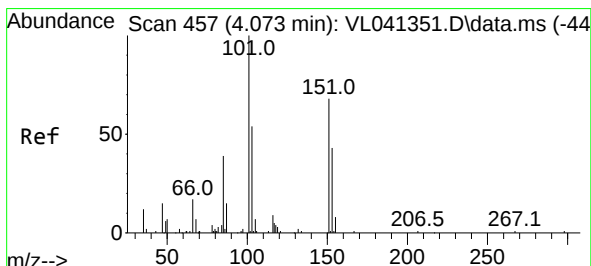
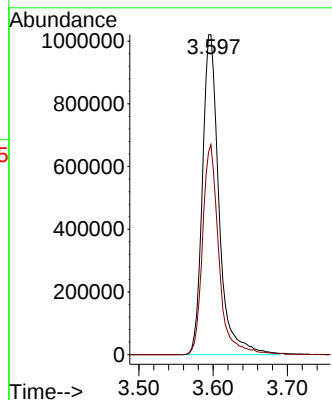
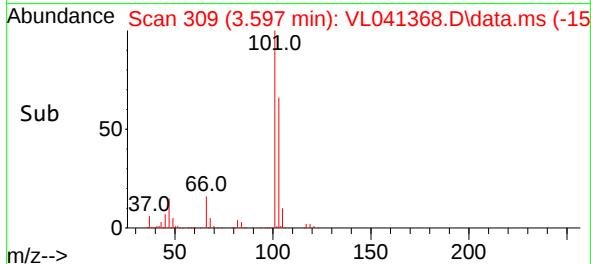
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



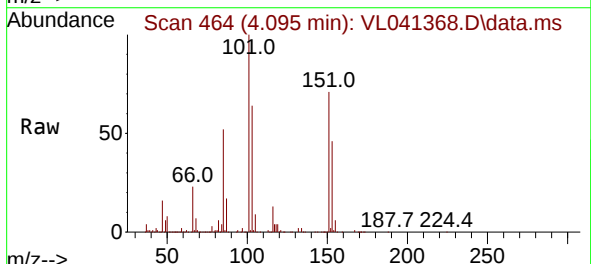
Tgt Ion:101 Resp: 1582718
Ion Ratio Lower Upper
101 100
103 65.6 50.5 75.7

Manual Integrations
APPROVED

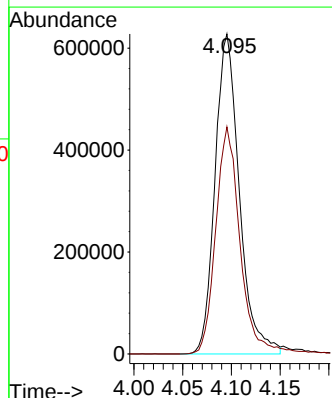
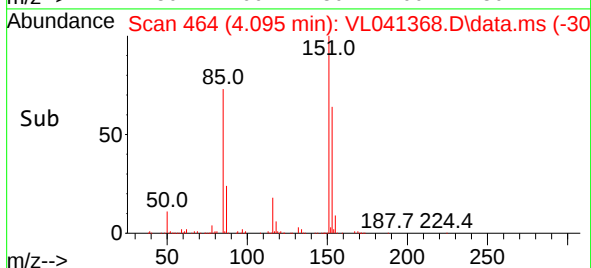
Reviewed By :Mahesh Dadoda 07/02/2024
Supervised By :Semsettin Yesilyurt 07/02/2024

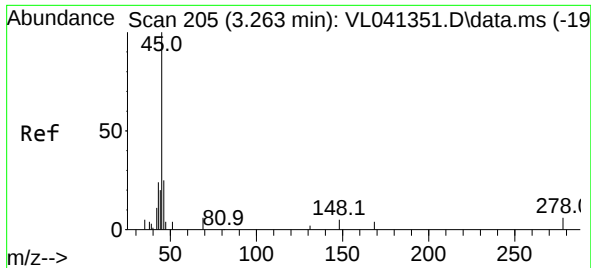


#12
1,1,2-Trichlorotrifluoroethane
Concen: 8.935 ppbv
RT: 4.095 min Scan# 464
Delta R.T. 0.000 min
Lab File: VL041368.D
Acq: 1 Jul 2024 14:55



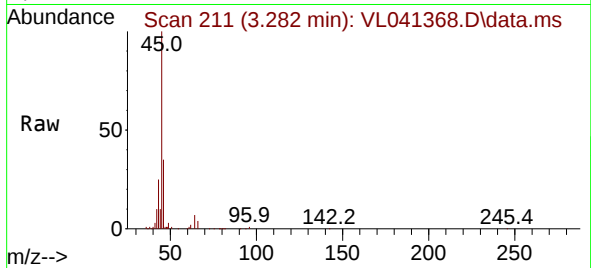
Tgt Ion:101 Resp: 1090089
Ion Ratio Lower Upper
101 100
151 71.6 57.0 85.6





#13
Ethanol
Concen: 9.549 ppbv m
RT: 3.282 min Scan# 211
Delta R.T. 0.000 min
Lab File: VL041368.D
Acq: 1 Jul 2024 14:55

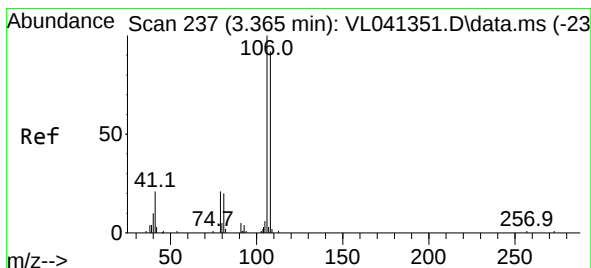
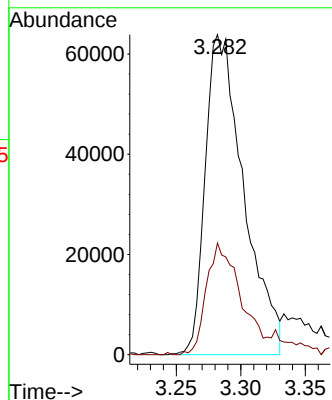
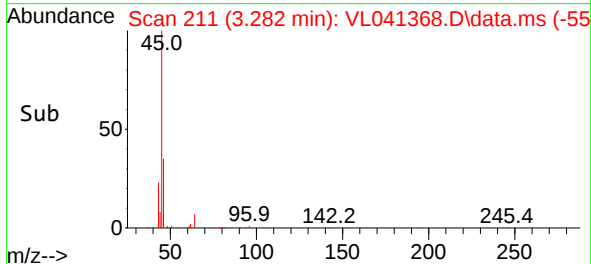
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



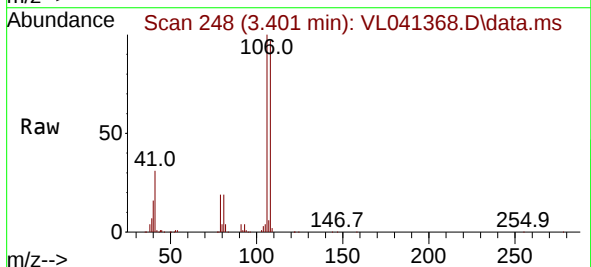
Tgt Ion: 45 Resp: 132460
Ion Ratio Lower Upper
45 100
46 38.3 13.3 53.3

Manual Integrations
APPROVED

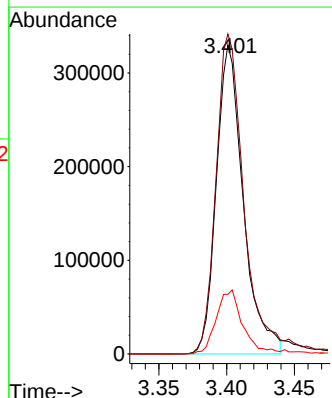
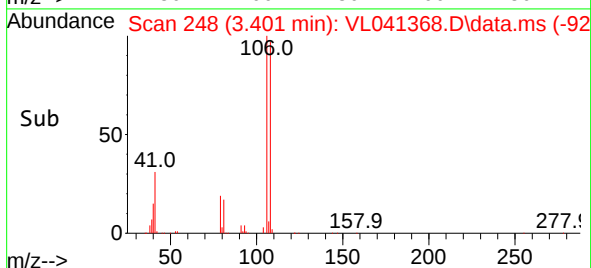
Reviewed By :Mahesh Dadoda 07/02/2024
Supervised By :Semsettin Yesilyurt 07/02/2024

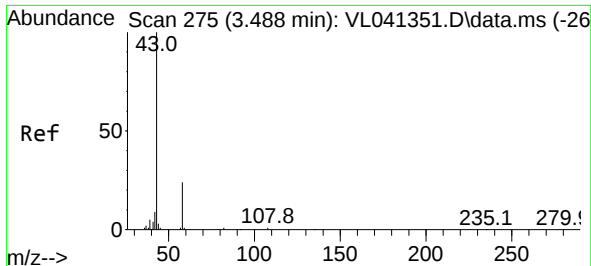


#14
Bromoethene
Concen: 9.306 ppbv
RT: 3.401 min Scan# 248
Delta R.T. 0.000 min
Lab File: VL041368.D
Acq: 1 Jul 2024 14:55



Tgt Ion:108 Resp: 455410
Ion Ratio Lower Upper
108 100
106 111.1 85.5 128.3
79 21.6 16.3 24.5





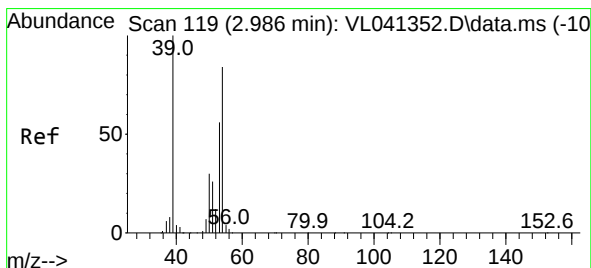
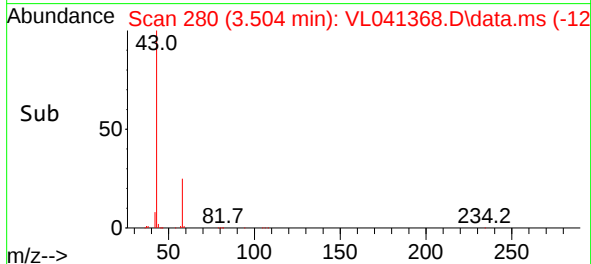
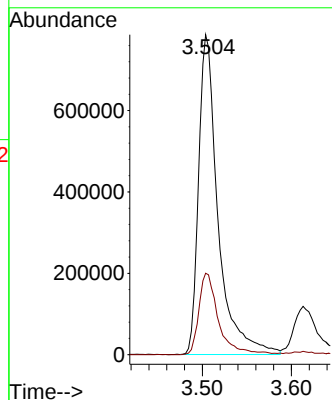
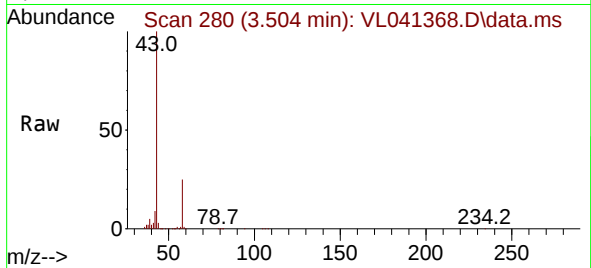
#15
Acetone
Concen: 8.627 ppbv
RT: 3.504 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041368.D
Acq: 1 Jul 2024 14:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 119410
Ion Ratio Lower Upper
43 100
58 25.9 20.3 30.5

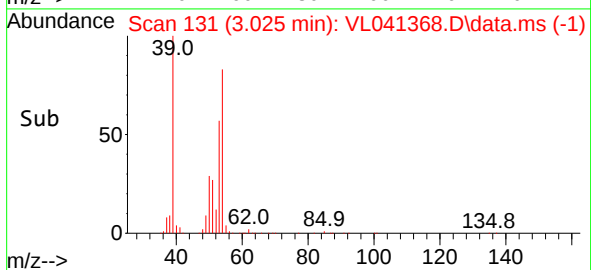
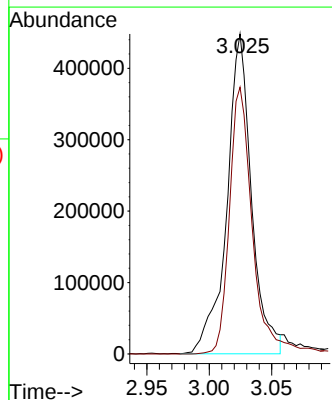
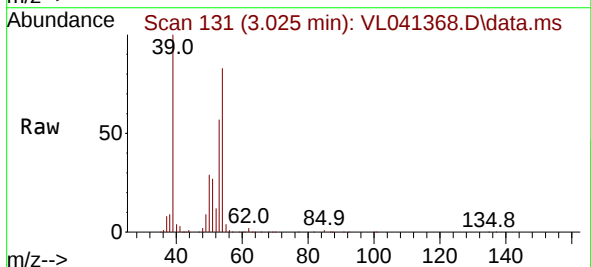
Manual Integrations
APPROVED

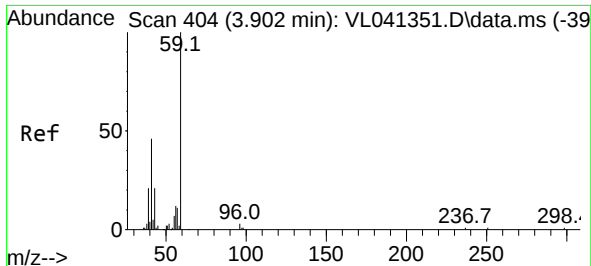
Reviewed By :Mahesh Dadoda 07/02/2024
Supervised By :Semsettin Yesilyurt 07/02/2024



#16
1,3-Butadiene
Concen: 9.401 ppbv
RT: 3.025 min Scan# 131
Delta R.T. 0.000 min
Lab File: VL041368.D
Acq: 1 Jul 2024 14:55

Tgt Ion: 39 Resp: 619341
Ion Ratio Lower Upper
39 100
54 78.9 60.5 90.7





#17

tert-Butyl alcohol

Concen: 10.561 ppbv

RT: 3.915 min Scan# 407

Delta R.T. 0.000 min

Lab File: VL041368.D

Acq: 1 Jul 2024 14:55

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 59 Resp: 1127700

Ion Ratio Lower Upper

59 100

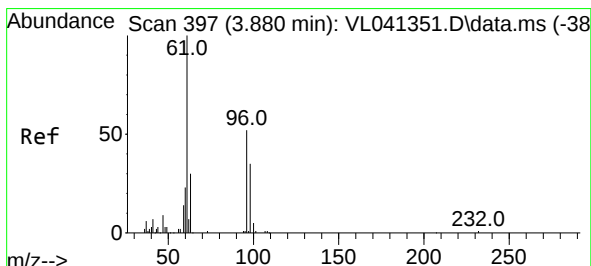
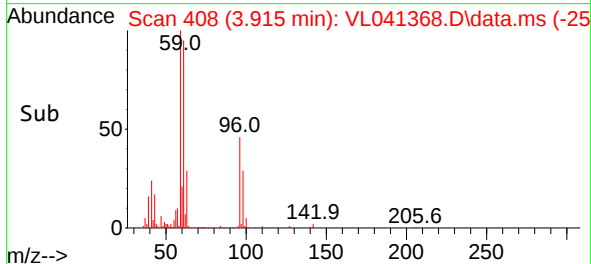
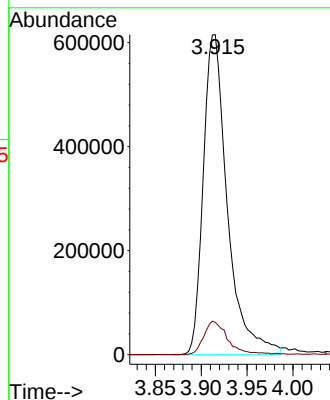
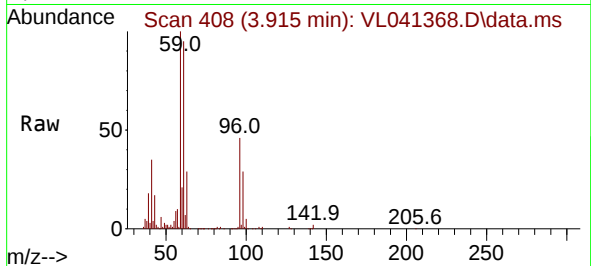
57 10.7 8.4 12.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/02/2024

Supervised By :Semsettin Yesilyurt 07/02/2024



#18

1,1-Dichloroethene

Concen: 9.535 ppbv

RT: 3.912 min Scan# 407

Delta R.T. 0.000 min

Lab File: VL041368.D

Acq: 1 Jul 2024 14:55

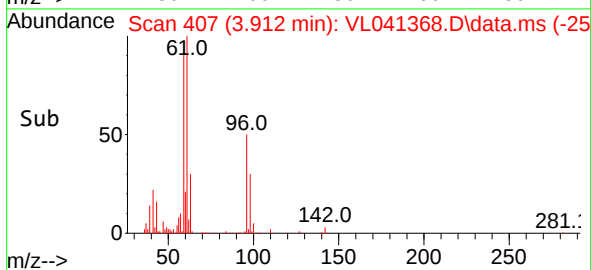
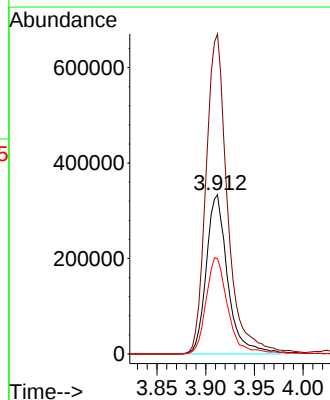
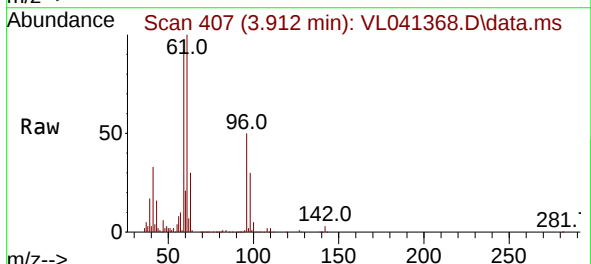
Tgt Ion: 96 Resp: 511388

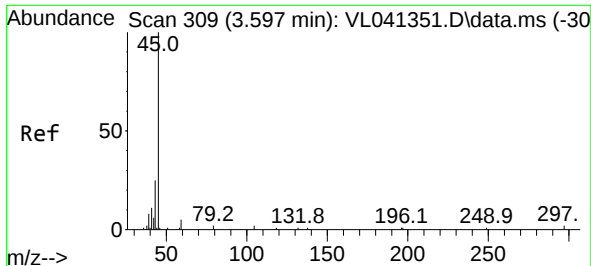
Ion Ratio Lower Upper

96 100

61 201.1 160.3 240.5

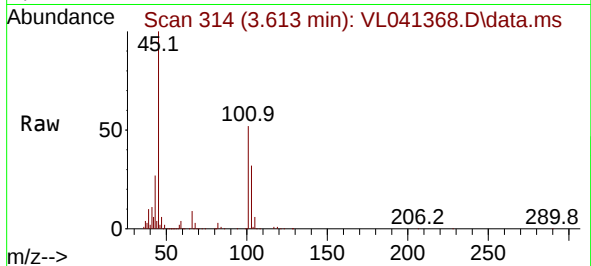
98 59.9 51.6 77.4





#19
Isopropyl Alcohol
Concen: 10.715 ppbv
RT: 3.613 min Scan# 314
Delta R.T. 0.000 min
Lab File: VL041368.D
Acq: 1 Jul 2024 14:55

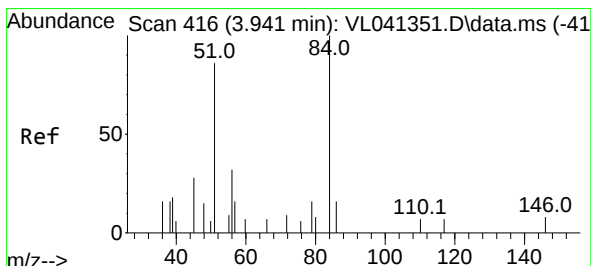
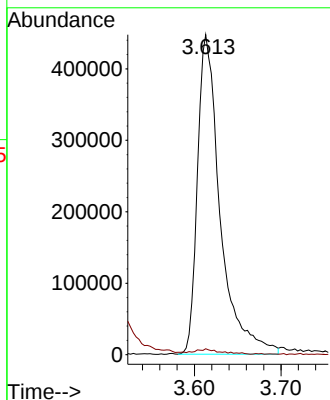
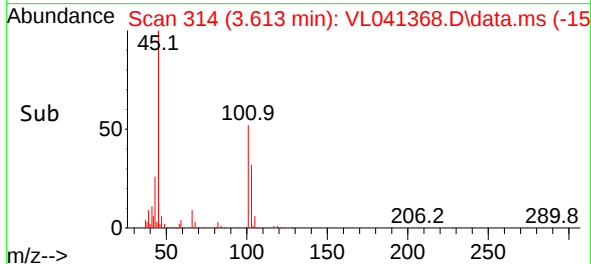
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



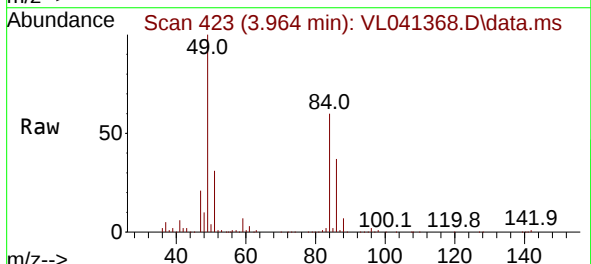
Tgt Ion: 45 Resp: 814200
Ion Ratio Lower Upper
45 100
58 2.0 1.6 2.4

Manual Integrations
APPROVED

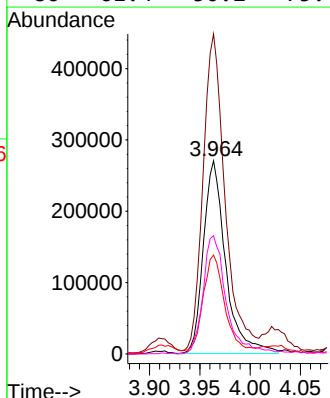
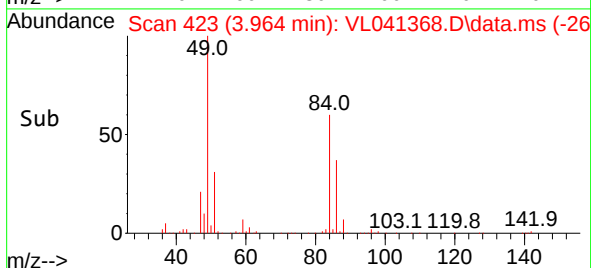
Reviewed By :Mahesh Dadoda 07/02/2024
Supervised By :Semsettin Yesilyurt 07/02/2024

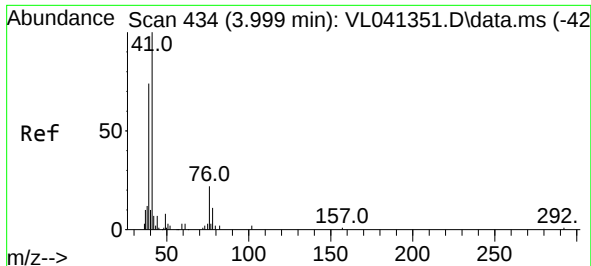


#20
Methylene Chloride
Concen: 8.282 ppbv
RT: 3.964 min Scan# 423
Delta R.T. 0.000 min
Lab File: VL041368.D
Acq: 1 Jul 2024 14:55



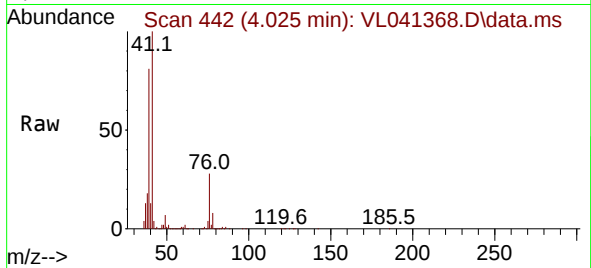
Tgt Ion: 84 Resp: 415941
Ion Ratio Lower Upper
84 100
49 164.0 131.8 197.6
51 49.2 39.6 59.4
86 61.4 50.2 75.4





#21
Allyl Chloride
Concen: 9.229 ppbv
RT: 4.025 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL041368.D
Acq: 1 Jul 2024 14:55

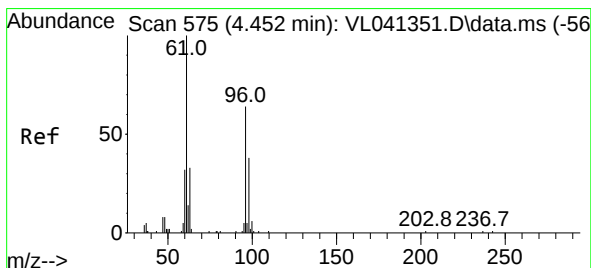
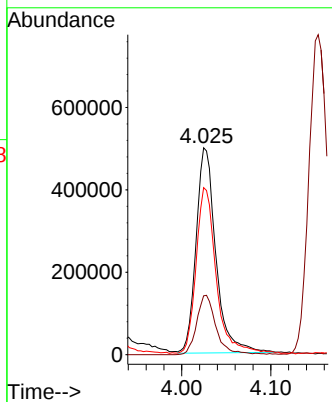
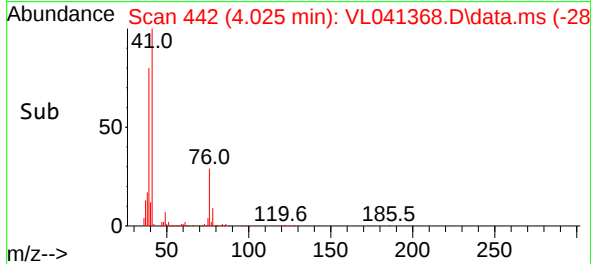
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 41 Resp: 770560
Ion Ratio Lower Upper
41 100
76 28.6 23.3 34.9
39 82.6 66.0 99.0

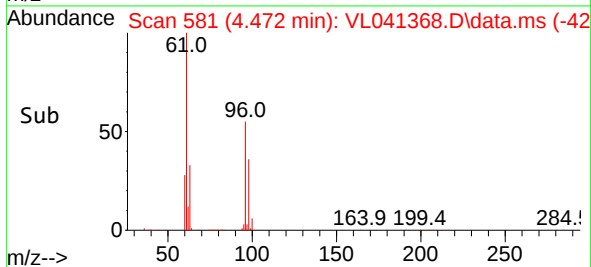
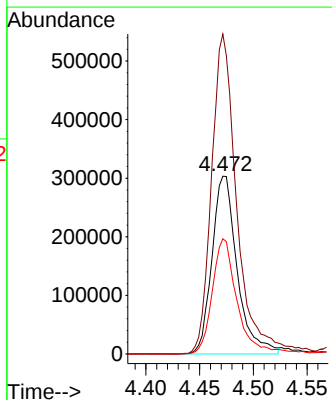
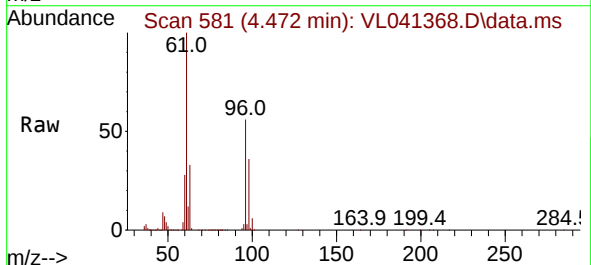
Manual Integrations
APPROVED

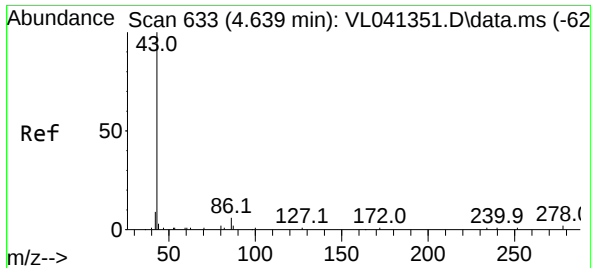
Reviewed By :Mahesh Dadoda 07/02/2024
Supervised By :Semsettin Yesilyurt 07/02/2024



#22
trans-1,2-Dichloroethene
Concen: 9.302 ppbv
RT: 4.472 min Scan# 581
Delta R.T. 0.000 min
Lab File: VL041368.D
Acq: 1 Jul 2024 14:55

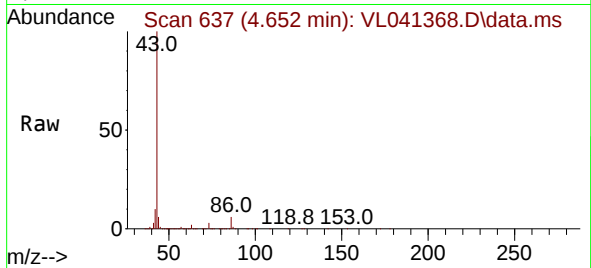
Tgt Ion: 96 Resp: 495509
Ion Ratio Lower Upper
96 100
61 180.1 142.0 213.0
98 64.8 52.2 78.2





#23
 Vinyl Acetate
 Concen: 10.482 ppbv
 RT: 4.652 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VL041368.D
 Acq: 1 Jul 2024 14:55

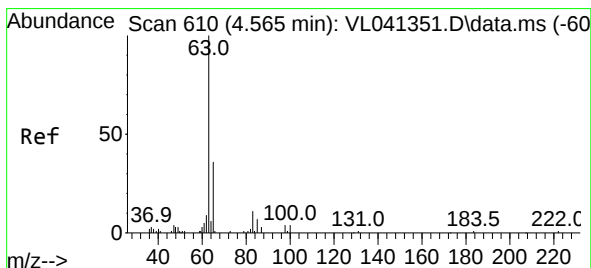
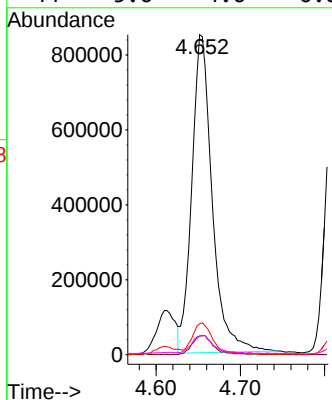
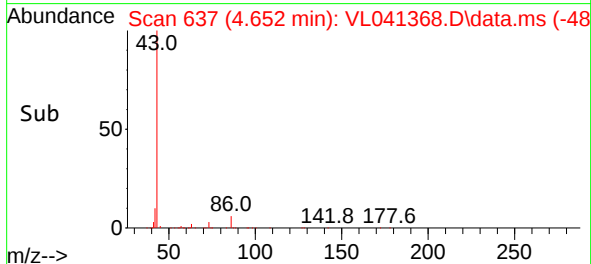
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



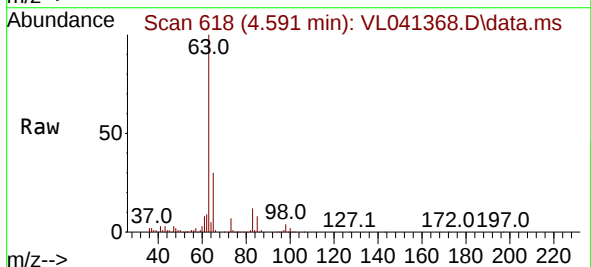
Tgt Ion: 43 Resp: 1430215
 Ion Ratio Lower Upper
 43 100
 86 5.8 5.0 7.4
 42 9.6 7.9 11.9
 44 5.6 4.6 6.8

Manual Integrations
 APPROVED

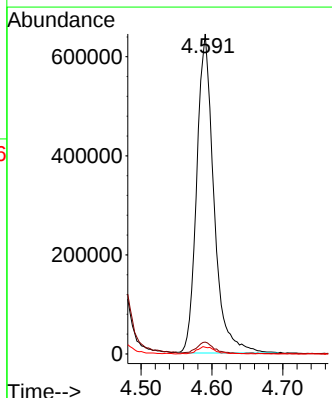
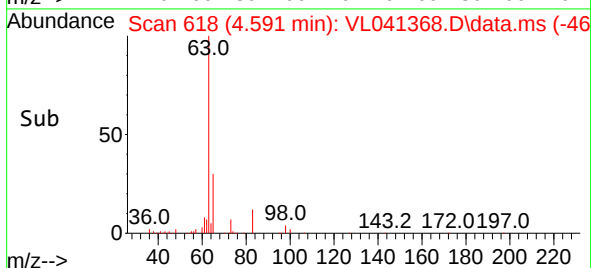
Reviewed By :Mahesh Dadoda 07/02/2024
 Supervised By :Semsettin Yesilyurt 07/02/2024

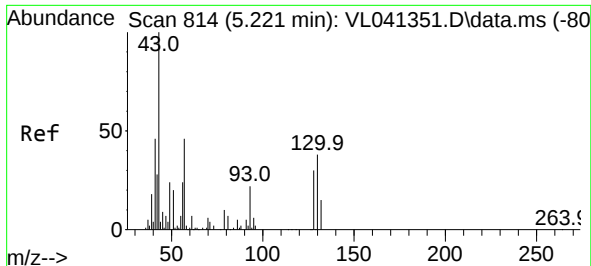


#24
 1,1-Dichloroethane
 Concen: 9.156 ppbv
 RT: 4.591 min Scan# 618
 Delta R.T. 0.000 min
 Lab File: VL041368.D
 Acq: 1 Jul 2024 14:55



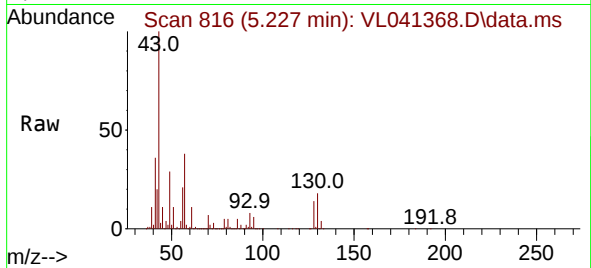
Tgt Ion: 63 Resp: 1082984
 Ion Ratio Lower Upper
 63 100
 98 3.6 1.8 5.4
 100 2.1 1.1 3.3





#25
Ethyl Acetate
Concen: 9.072 ppbv
RT: 5.227 min Scan# 814
Delta R.T. 0.000 min
Lab File: VL041368.D
Acq: 1 Jul 2024 14:55

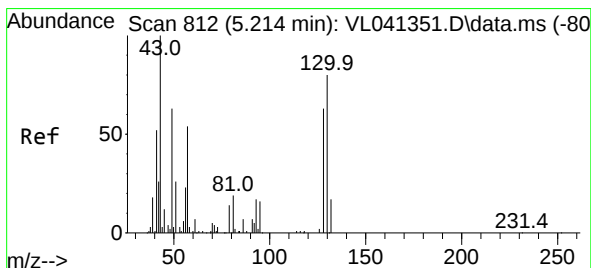
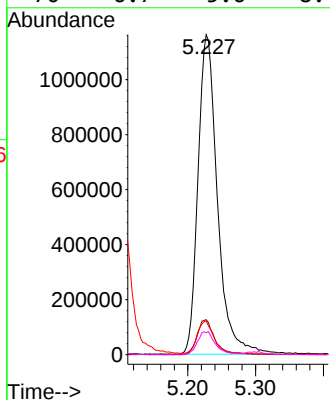
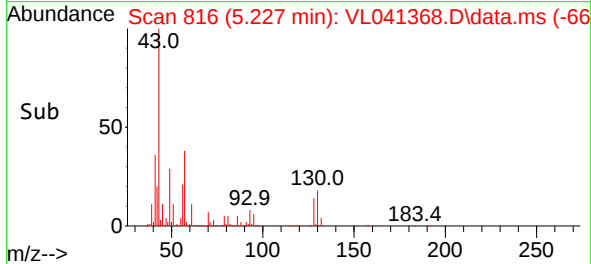
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 231209
Ion Ratio Lower Upper
43 100
45 10.2 8.3 12.5
61 9.8 7.7 11.5
70 6.7 5.6 8.4

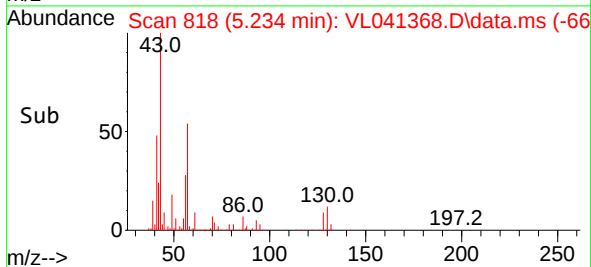
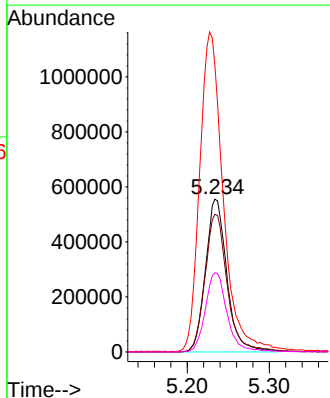
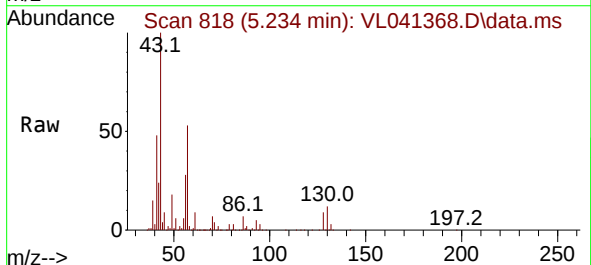
Manual Integrations
APPROVED

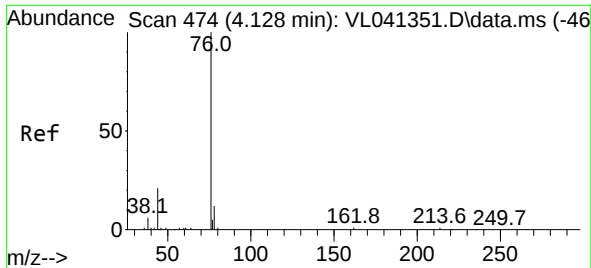
Reviewed By :Mahesh Dadoda 07/02/2024
Supervised By :Semsettin Yesilyurt 07/02/2024



#26
Hexane
Concen: 8.922 ppbv
RT: 5.234 min Scan# 818
Delta R.T. 0.000 min
Lab File: VL041368.D
Acq: 1 Jul 2024 14:55

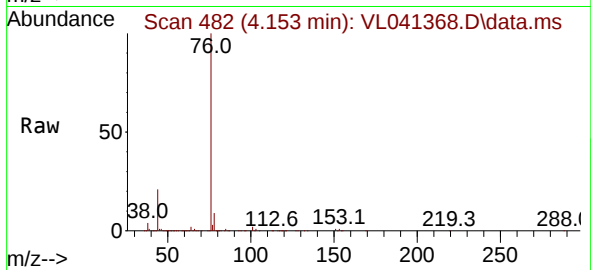
Tgt Ion: 57 Resp: 1006978
Ion Ratio Lower Upper
57 100
41 94.6 73.7 110.5
43 230.8 182.2 273.2
56 53.0 41.8 62.6





#27
Carbon Disulfide
Concen: 9.576 ppbv
RT: 4.153 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL041368.D
Acq: 1 Jul 2024 14:55

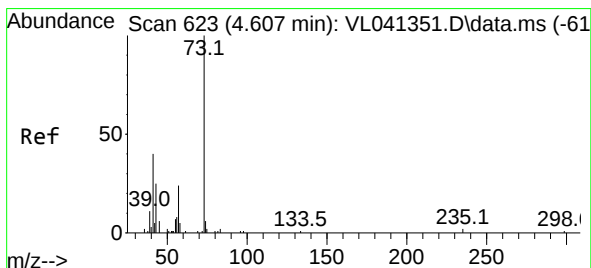
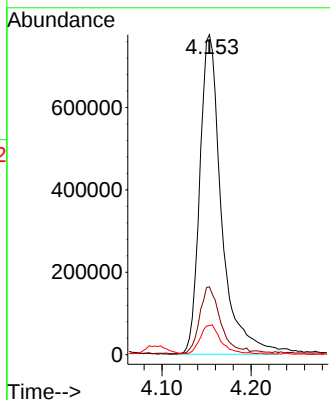
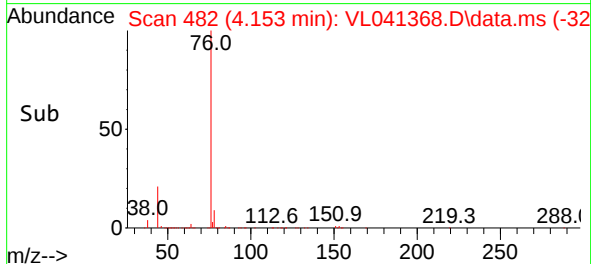
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



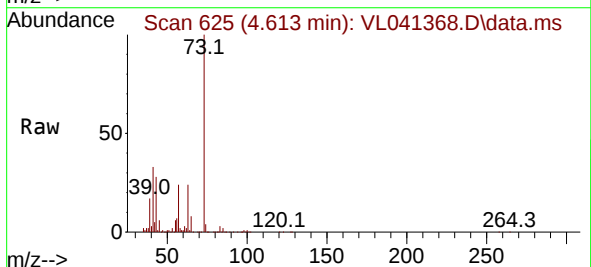
Tgt Ion: 76 Resp: 131488
Ion Ratio Lower Upper
76 100
44 21.2 17.4 26.2
78 9.5 7.3 10.9

Manual Integrations
APPROVED

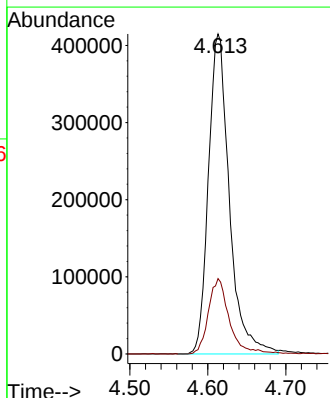
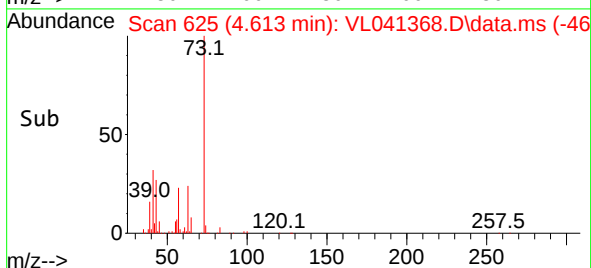
Reviewed By :Mahesh Dadoda 07/02/2024
Supervised By :Semsettin Yesilyurt 07/02/2024

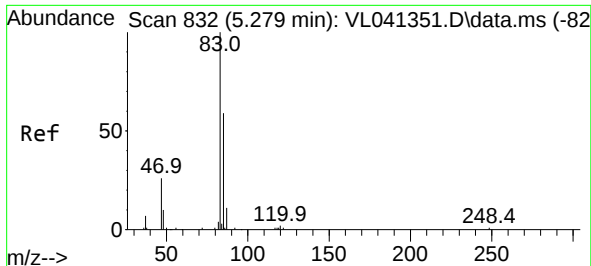


#28
Methyl tert-Butyl Ether
Concen: 9.222 ppbv
RT: 4.613 min Scan# 625
Delta R.T. 0.000 min
Lab File: VL041368.D
Acq: 1 Jul 2024 14:55



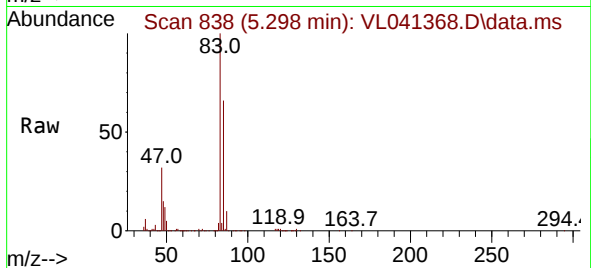
Tgt Ion: 73 Resp: 771966
Ion Ratio Lower Upper
73 100
57 23.9 19.9 29.9





#29
Chloroform
Concen: 9.121 ppbv
RT: 5.298 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL041368.D
Acq: 1 Jul 2024 14:55

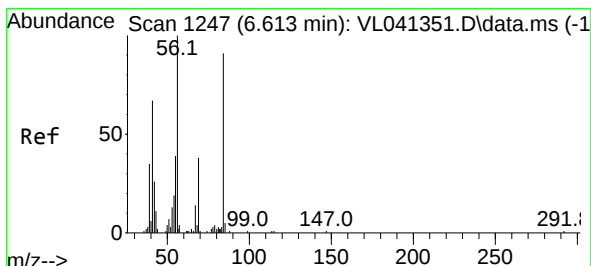
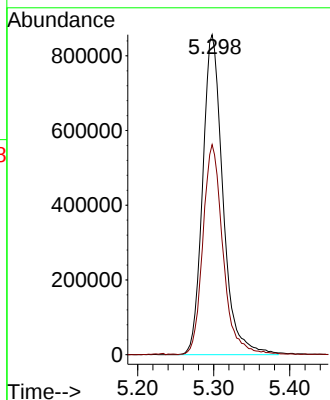
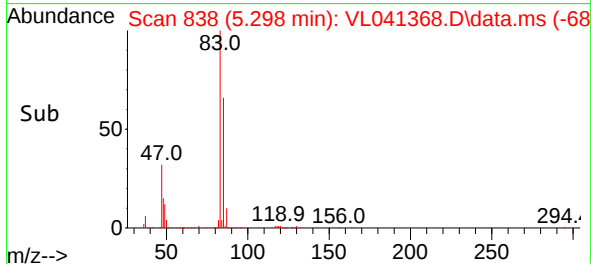
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



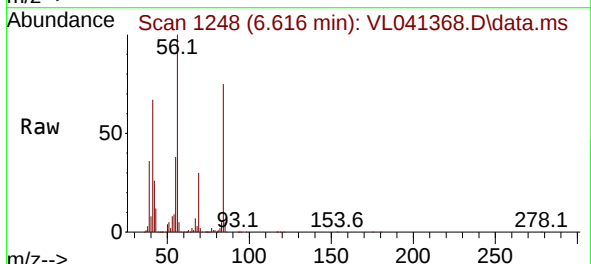
Tgt Ion: 83 Resp: 1588090
Ion Ratio Lower Upper
83 100
85 65.6 54.2 81.4

Manual Integrations
APPROVED

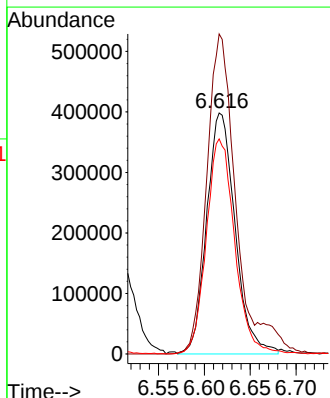
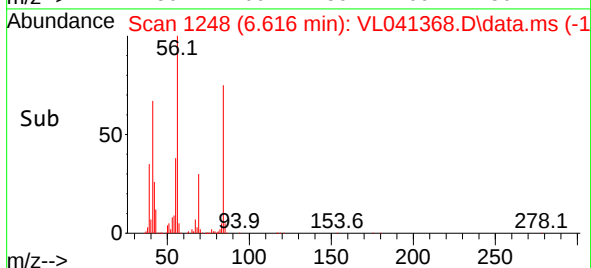
Reviewed By :Mahesh Dadoda 07/02/2024
Supervised By :Semsettin Yesilyurt 07/02/2024

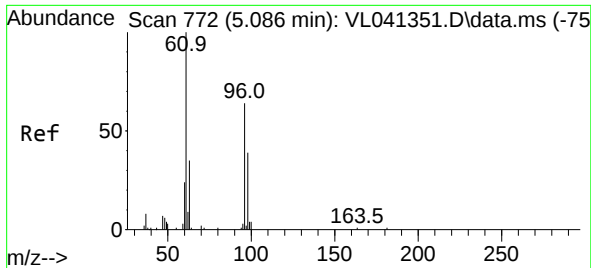


#30
Cyclohexane
Concen: 9.557 ppbv
RT: 6.616 min Scan# 1248
Delta R.T. 0.000 min
Lab File: VL041368.D
Acq: 1 Jul 2024 14:55



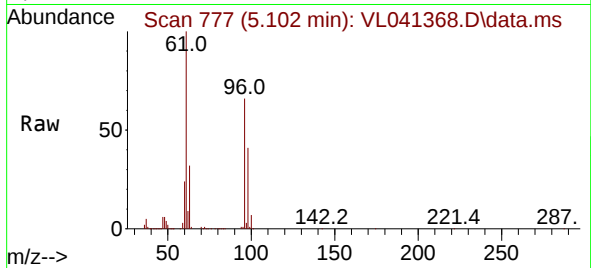
Tgt Ion: 84 Resp: 859203
Ion Ratio Lower Upper
84 100
56 138.3 112.4 168.6
41 88.9 72.7 109.1





#31
cis-1,2-Dichloroethene
Concen: 9.250 ppbv
RT: 5.102 min Scan# 71
Delta R.T. 0.000 min
Lab File: VL041368.D
Acq: 1 Jul 2024 14:55

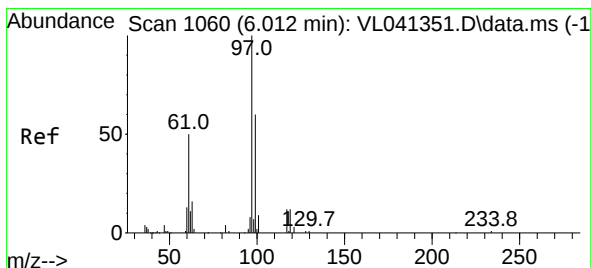
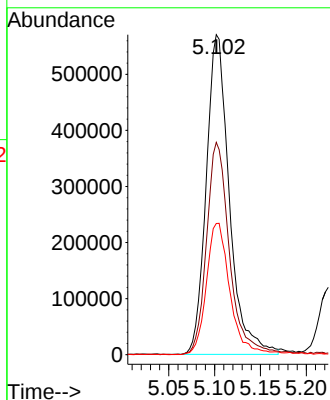
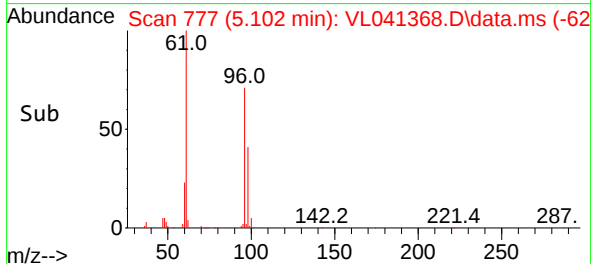
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 61 Resp: 1000830
Ion Ratio Lower Upper
61 100
96 66.2 52.6 79.0
98 41.0 32.3 48.5

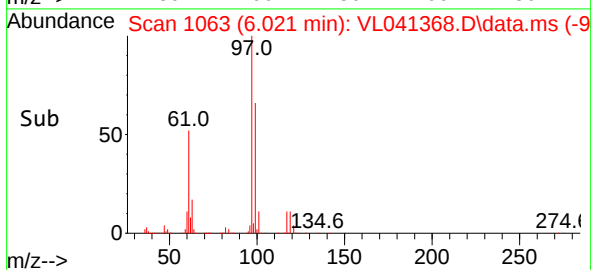
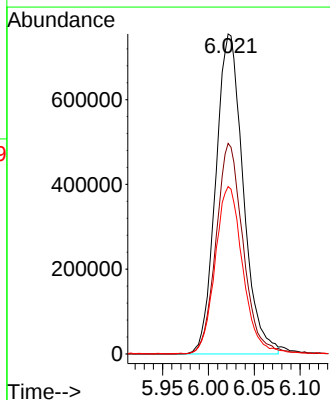
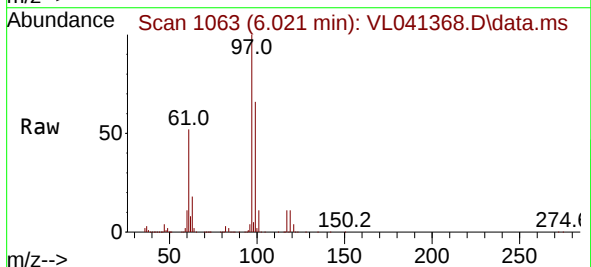
Manual Integrations
APPROVED

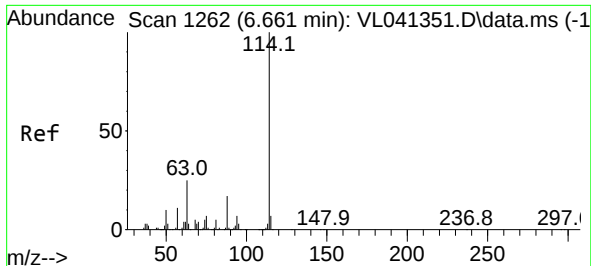
Reviewed By :Mahesh Dadoda 07/02/2024
Supervised By :Semsettin Yesilyurt 07/02/2024



#32
1,1,1-Trichloroethane
Concen: 8.582 ppbv
RT: 6.021 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VL041368.D
Acq: 1 Jul 2024 14:55

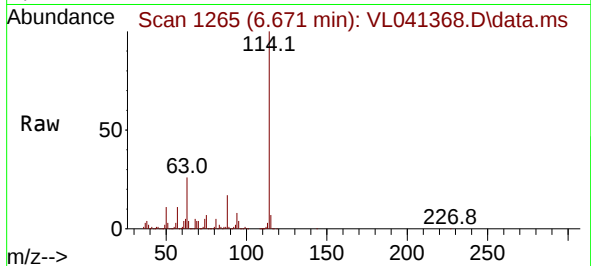
Tgt Ion: 97 Resp: 1568503
Ion Ratio Lower Upper
97 100
99 65.3 52.0 78.0
61 53.1 43.0 64.6





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.671 min Scan# 114
Delta R.T. 0.000 min
Lab File: VL041368.D
Acq: 1 Jul 2024 14:55

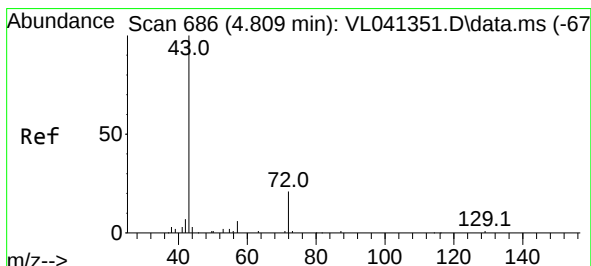
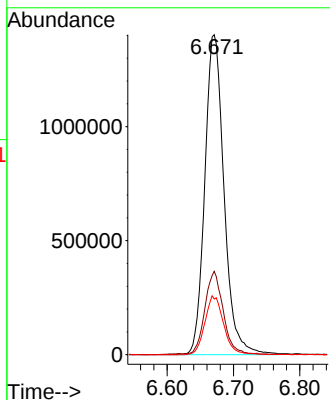
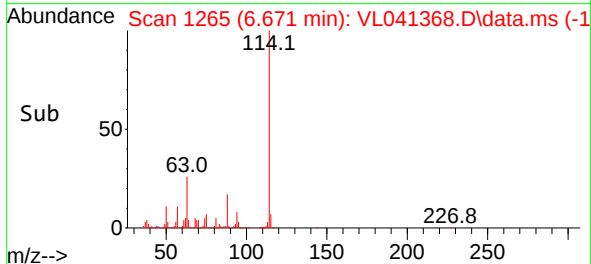
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:114 Resp: 2829330
Ion Ratio Lower Upper
114 100
63 25.3 20.6 31.0
88 18.0 14.6 21.8

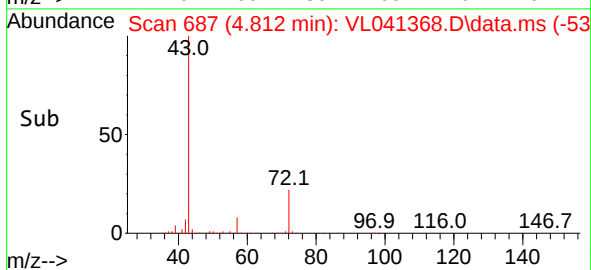
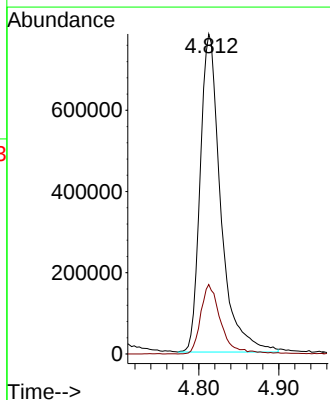
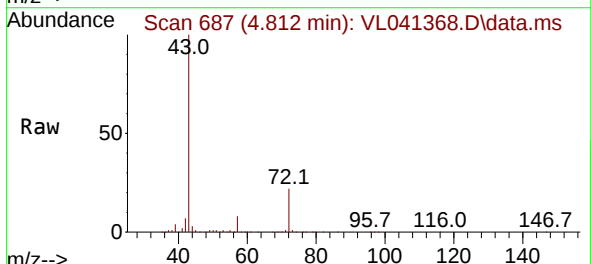
Manual Integrations
APPROVED

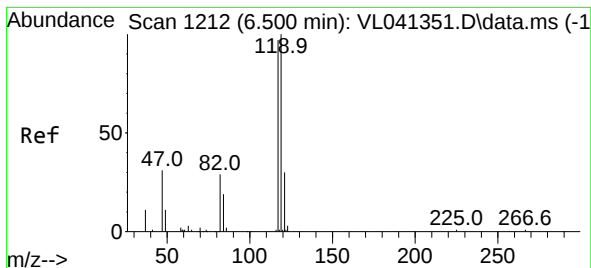
Reviewed By :Mahesh Dadoda 07/02/2024
Supervised By :Semsettin Yesilyurt 07/02/2024



#34
2-Butanone
Concen: 9.385 ppbv
RT: 4.812 min Scan# 687
Delta R.T. 0.000 min
Lab File: VL041368.D
Acq: 1 Jul 2024 14:55

Tgt Ion: 43 Resp: 1401230
Ion Ratio Lower Upper
43 100
72 21.8 17.2 25.8





#35

Carbon Tetrachloride

Concen: 8.789 ppbv

RT: 6.510 min Scan# 117

Delta R.T. 0.000 min

Lab File: VL041368.D

Acq: 1 Jul 2024 14:55

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:117 Resp: 1642189

Ion Ratio Lower Upper

117 100

119 95.5 77.2 115.8

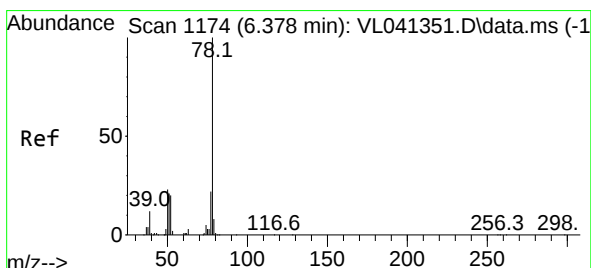
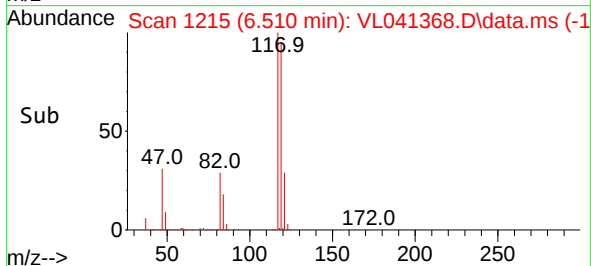
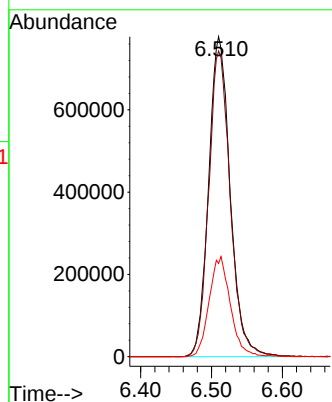
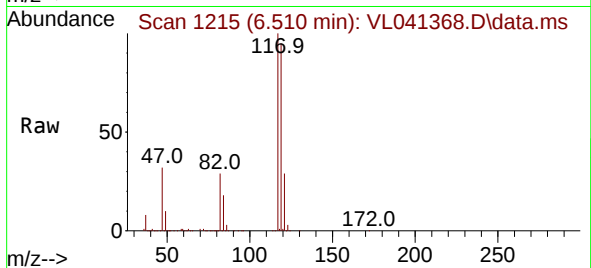
121 29.1 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/02/2024

Supervised By :Semsettin Yesilyurt 07/02/2024



#36

Benzene

Concen: 9.097 ppbv

RT: 6.388 min Scan# 1177

Delta R.T. 0.000 min

Lab File: VL041368.D

Acq: 1 Jul 2024 14:55

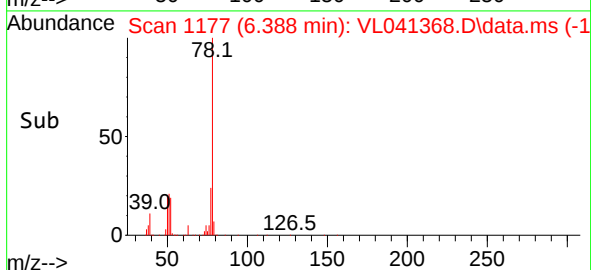
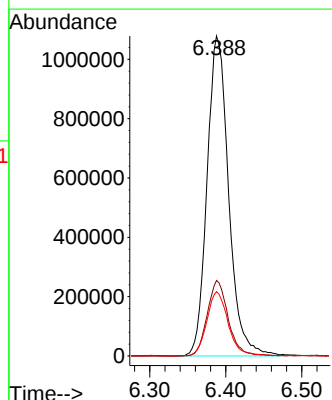
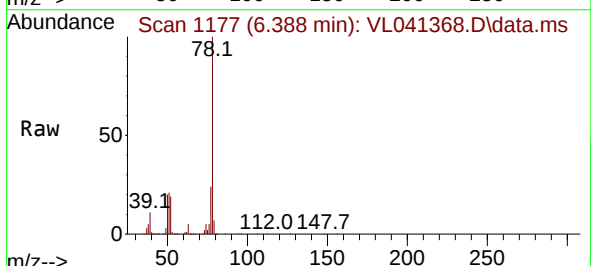
Tgt Ion: 78 Resp: 2130108

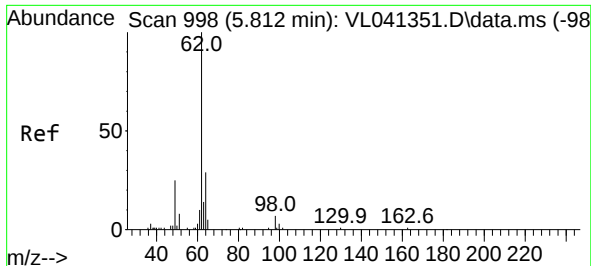
Ion Ratio Lower Upper

78 100

77 23.6 17.9 26.9

50 20.0 15.5 23.3





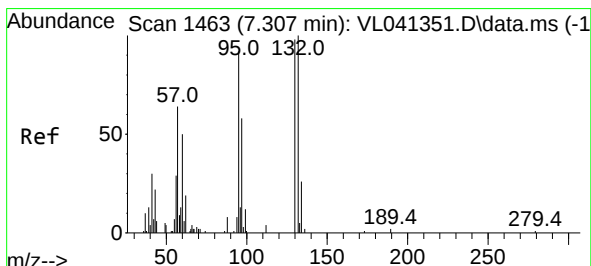
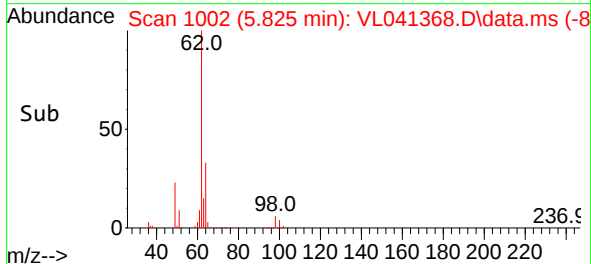
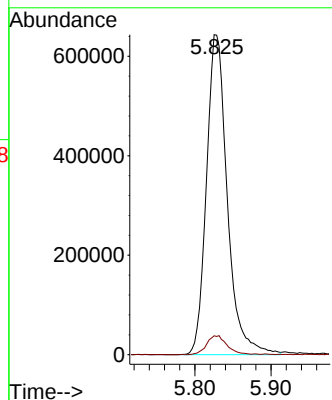
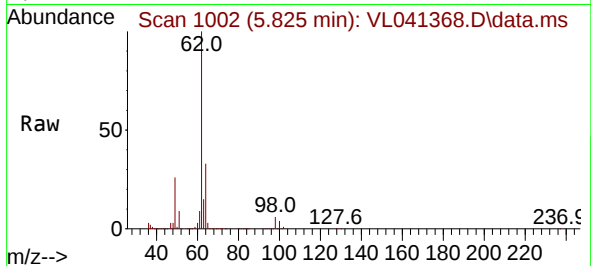
#37
1,2-Dichloroethane
Concen: 9.121 ppbv
RT: 5.825 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VL041368.D
Acq: 1 Jul 2024 14:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 1225504
Ion Ratio Lower Upper
62 100
98 6.1 4.8 7.2

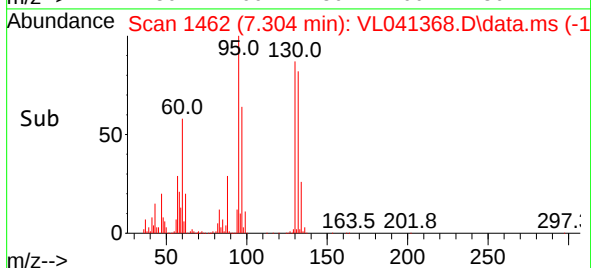
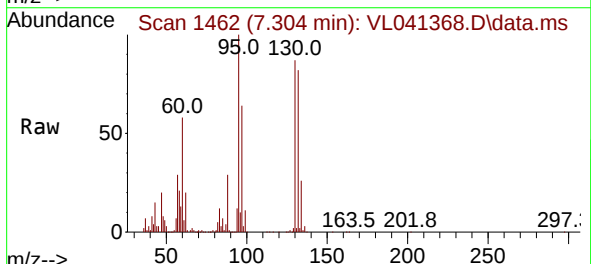
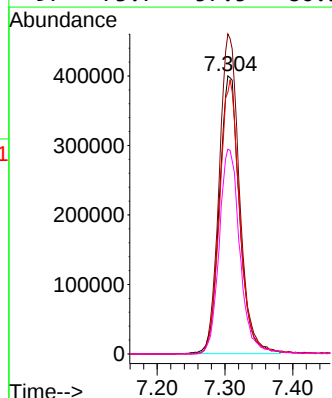
Manual Integrations
APPROVED

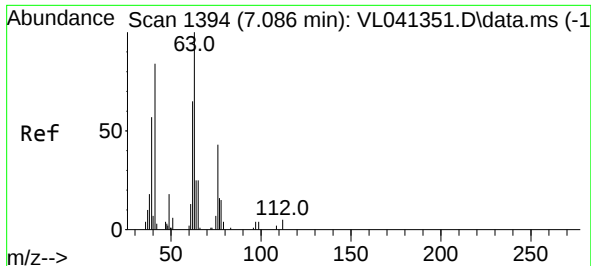
Reviewed By :Mahesh Dadoda 07/02/2024
Supervised By :Semsettin Yesilyurt 07/02/2024



#38
Trichloroethene
Concen: 8.104 ppbv
RT: 7.304 min Scan# 1462
Delta R.T. 0.000 min
Lab File: VL041368.D
Acq: 1 Jul 2024 14:55

Tgt Ion:130 Resp: 826689
Ion Ratio Lower Upper
130 100
95 115.1 90.0 135.0
132 94.2 74.8 112.2
97 73.7 57.5 86.3





#39

1,2-Dichloropropane

Concen: 8.950 ppbv

RT: 7.089 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL041368.D

Acq: 1 Jul 2024 14:55

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 63 Resp: 80990

Ion Ratio Lower Upper

63 100

41 76.6 64.0 96.0

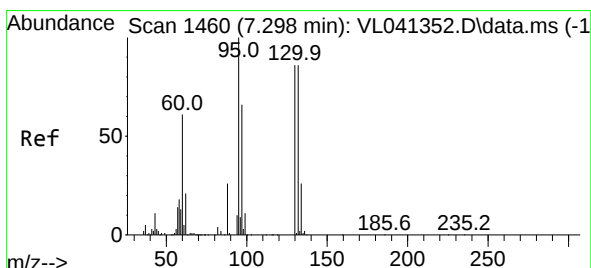
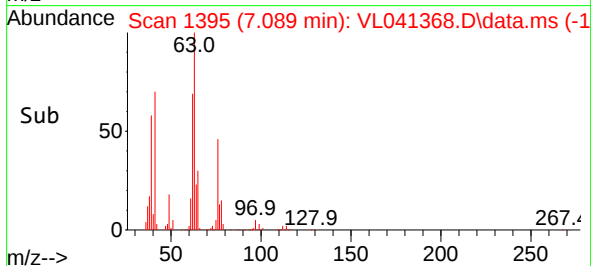
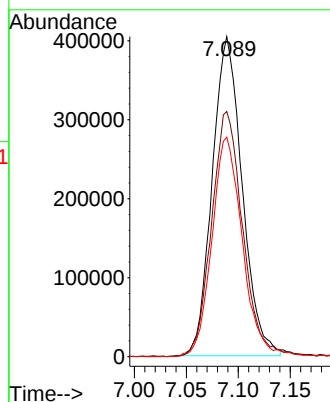
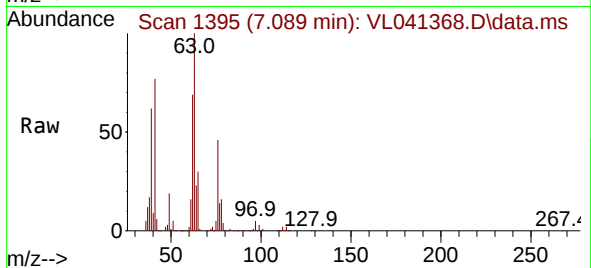
62 68.5 55.2 82.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/02/2024

Supervised By :Semsettin Yesilyurt 07/02/2024



#40

1,4-Dioxane

Concen: 10.301 ppbv

RT: 7.304 min Scan# 1462

Delta R.T. 0.000 min

Lab File: VL041368.D

Acq: 1 Jul 2024 14:55

Tgt Ion: 88 Resp: 298841

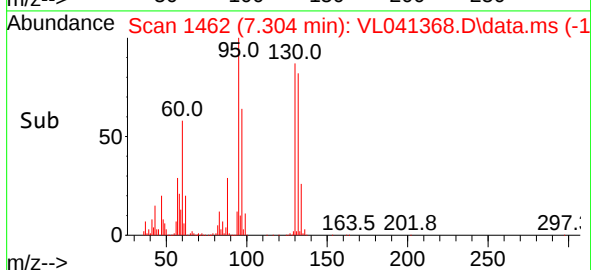
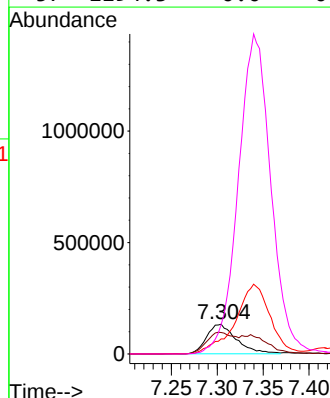
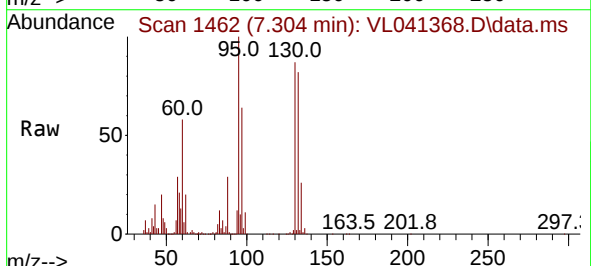
Ion Ratio Lower Upper

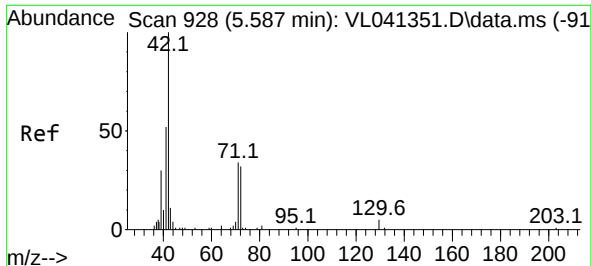
88 100

58 129.4 47.9 71.9#

43 278.0 0.0 0.0#

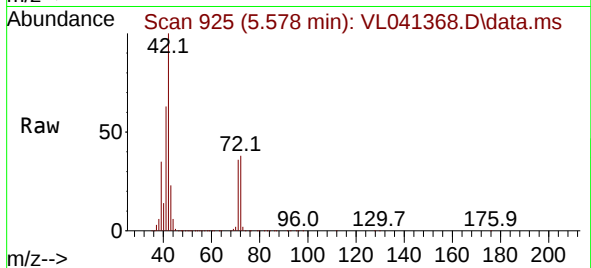
57 1194.3 0.0 0.0#





#41
Tetrahydrofuran
Concen: 9.537 ppbv
RT: 5.578 min Scan# 91
Delta R.T. 0.000 min
Lab File: VL041368.D
Acq: 1 Jul 2024 14:55

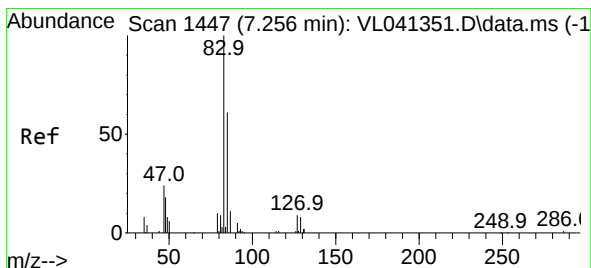
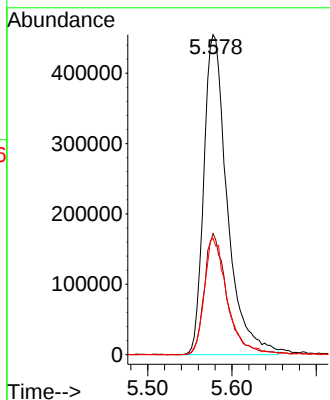
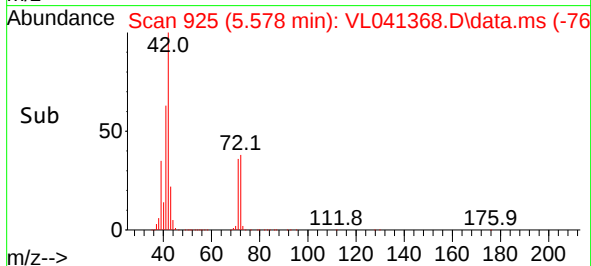
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



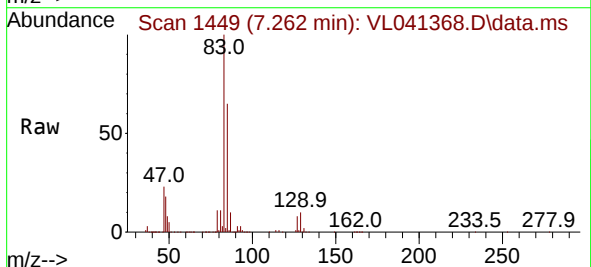
Tgt Ion: 42 Resp: 882010
Ion Ratio Lower Upper
42 100
72 36.9 30.3 45.5
71 36.4 29.7 44.5

Manual Integrations
APPROVED

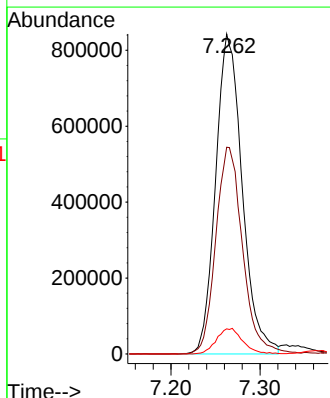
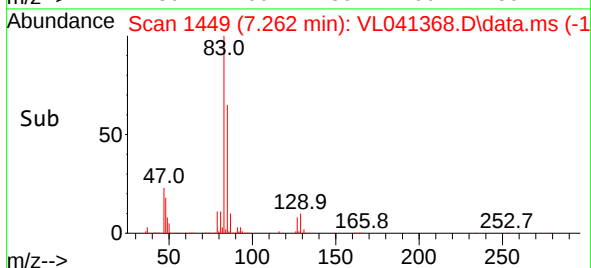
Reviewed By :Mahesh Dadoda 07/02/2024
Supervised By :Semsettin Yesilyurt 07/02/2024

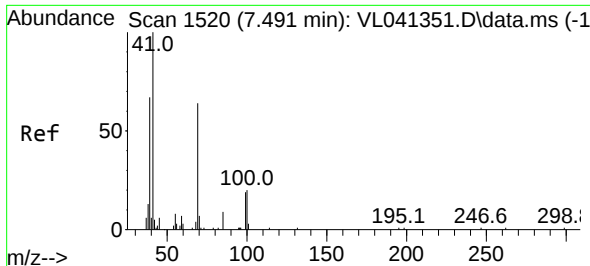


#42
Bromodichloromethane
Concen: 9.285 ppbv
RT: 7.262 min Scan# 1449
Delta R.T. 0.000 min
Lab File: VL041368.D
Acq: 1 Jul 2024 14:55



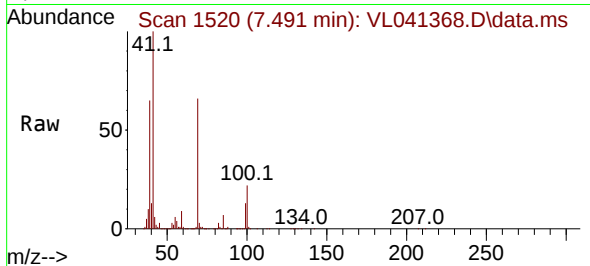
Tgt Ion: 83 Resp: 1745411
Ion Ratio Lower Upper
83 100
85 64.6 52.0 78.0
127 7.8 6.0 9.0





#43
Methyl Methacrylate
Concen: 9.616 ppbv
RT: 7.491 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VL041368.D
Acq: 1 Jul 2024 14:55

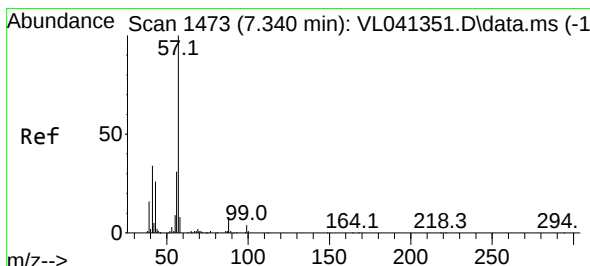
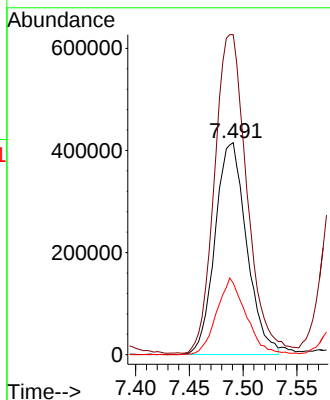
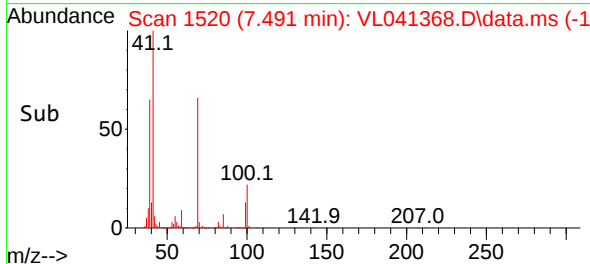
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



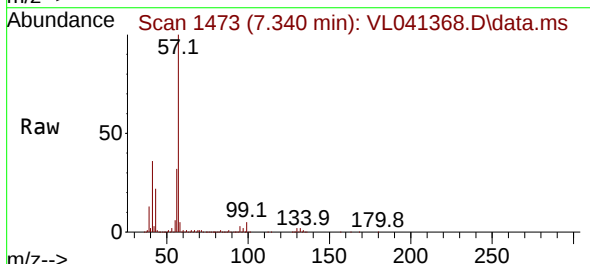
Tgt Ion: 69 Resp: 845918
Ion Ratio Lower Upper
69 100
41 156.2 125.0 187.6
100 33.9 26.8 40.2

Manual Integrations
APPROVED

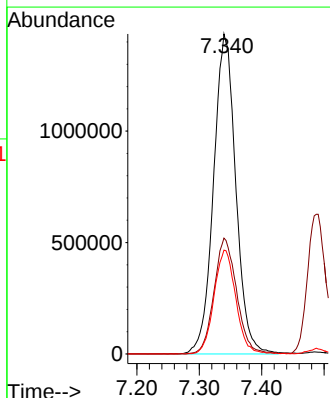
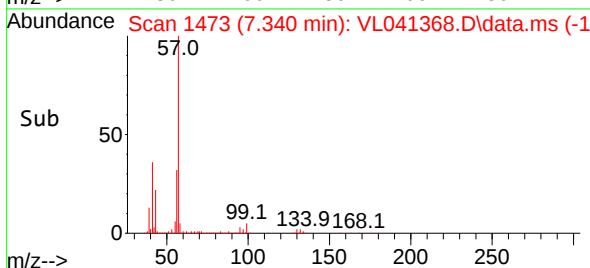
Reviewed By :Mahesh Dadoda 07/02/2024
Supervised By :Semsettin Yesilyurt 07/02/2024

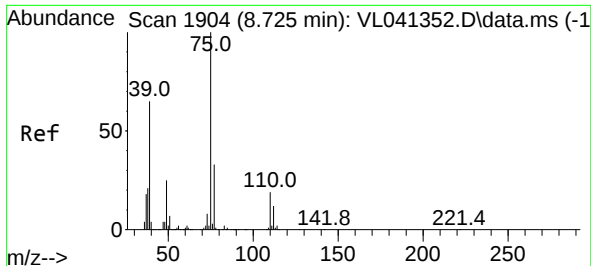


#44
2,2,4-Trimethylpentane
Concen: 8.950 ppbv
RT: 7.340 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VL041368.D
Acq: 1 Jul 2024 14:55



Tgt Ion: 57 Resp: 3561544
Ion Ratio Lower Upper
57 100
41 36.6 29.6 44.4
56 31.8 25.7 38.5





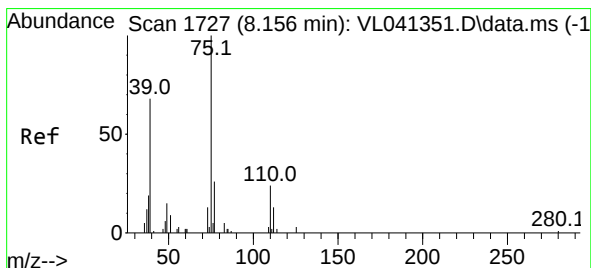
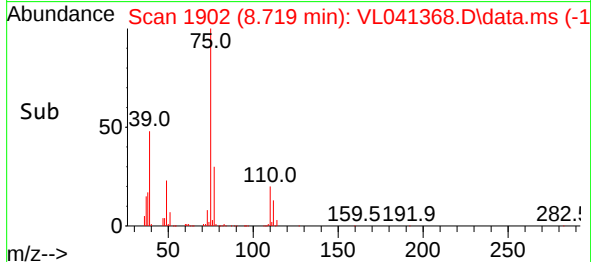
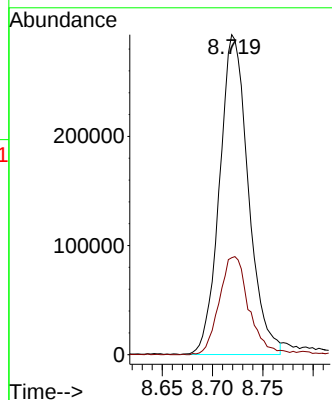
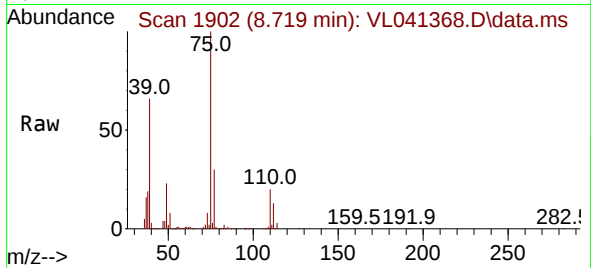
#45
t-1,3-Dichloropropene
Concen: 10.473 ppbv
RT: 8.719 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VL041368.D
Acq: 1 Jul 2024 14:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 75 Resp: 58311
Ion Ratio Lower Upper
75 100
77 30.3 26.2 39.2

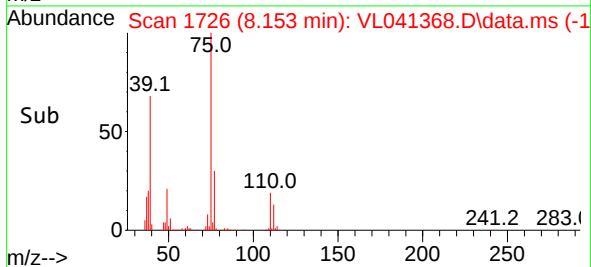
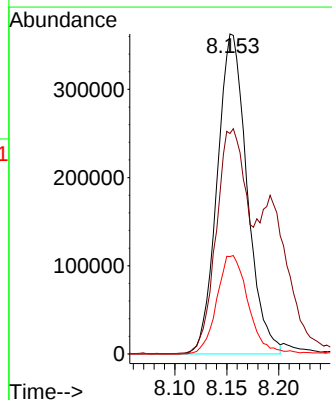
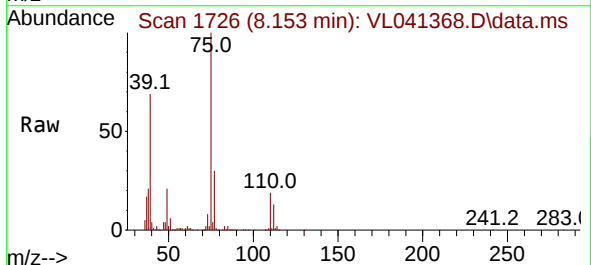
Manual Integrations
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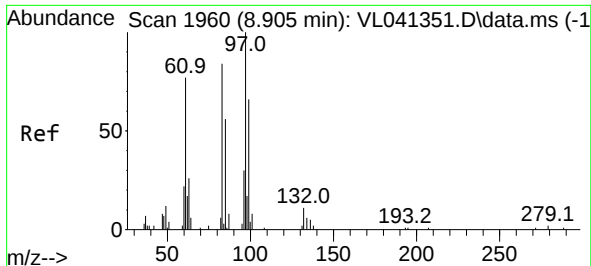
Reviewed By :Mahesh Dadoda 07/02/2024
Supervised By :Semsettin Yesilyurt 07/02/2024



#46
cis-1,3-Dichloropropene
Concen: 9.706 ppbv
RT: 8.153 min Scan# 1726
Delta R.T. 0.000 min
Lab File: VL041368.D
Acq: 1 Jul 2024 14:55

Tgt Ion: 75 Resp: 726643
Ion Ratio Lower Upper
75 100
39 68.7 56.6 85.0
77 30.5 25.5 38.3





#47

1,1,2-Trichloroethane

Concen: 8.958 ppbv

RT: 8.909 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VL041368.D

Acq: 1 Jul 2024 14:55

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 97 Resp: 86946

Ion Ratio Lower Upper

97 100

83 89.2 72.4 108.6

85 58.2 42.6 64.0

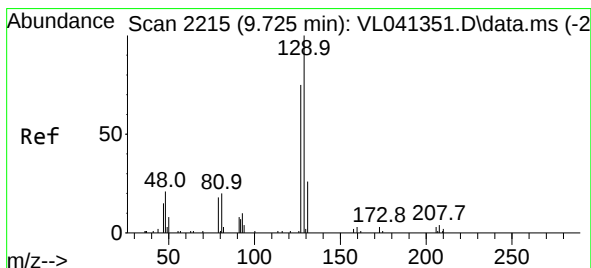
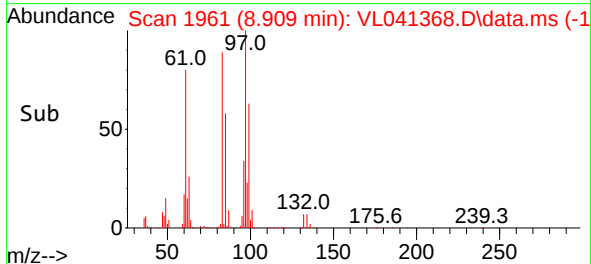
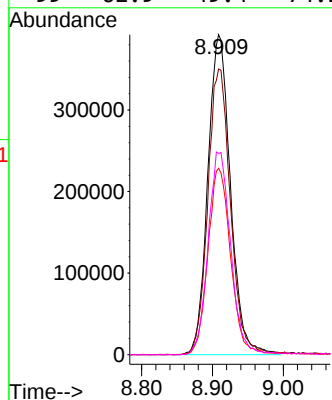
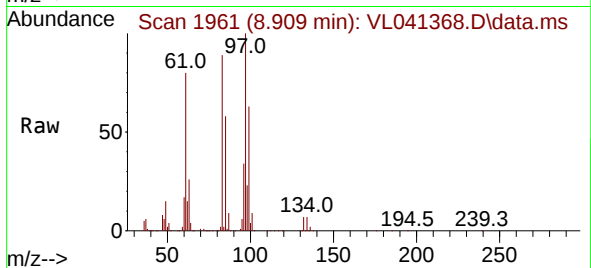
99 62.9 49.4 74.2

Manual Integrations

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Reviewed By :Mahesh Dadoda 07/02/2024

Supervised By :Semsettin Yesilyurt 07/02/2024



#48

Dibromochloromethane

Concen: 9.426 ppbv

RT: 9.716 min Scan# 2212

Delta R.T. 0.000 min

Lab File: VL041368.D

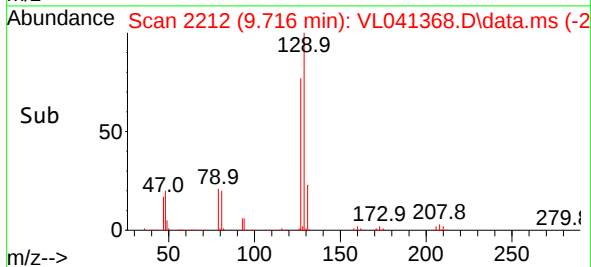
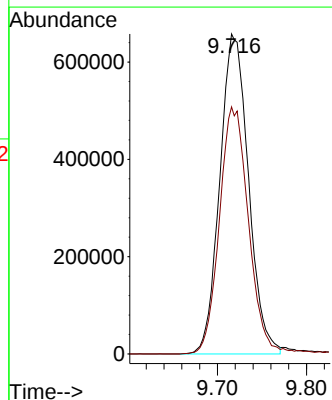
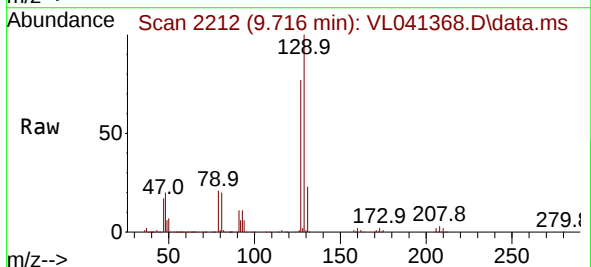
Acq: 1 Jul 2024 14:55

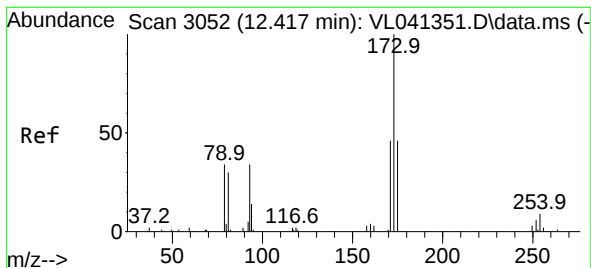
Tgt Ion:129 Resp: 1469119

Ion Ratio Lower Upper

129 100

127 79.9 39.9 119.7





#49

Bromoform

Concen: 9.697 ppbv

RT: 12.410 min Scan# 3052

Delta R.T. 0.000 min

Lab File: VL041368.D

Acq: 1 Jul 2024 14:55

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:173 Resp: 120363

Ion Ratio Lower Upper

173 100

175 50.4 40.3 60.5

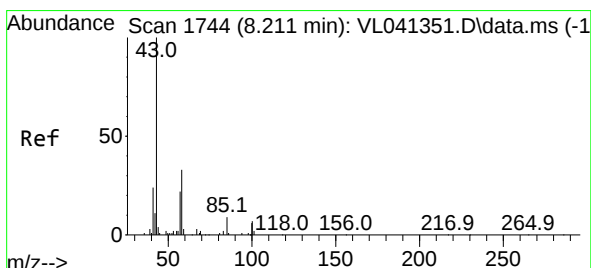
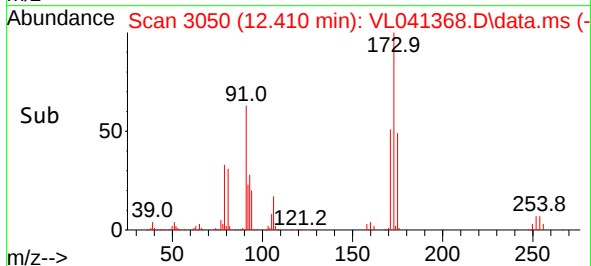
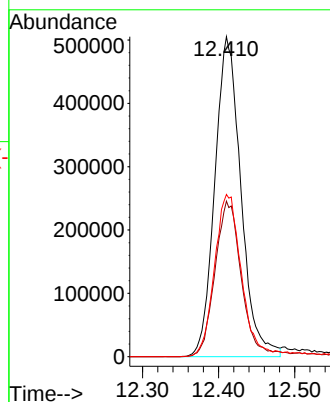
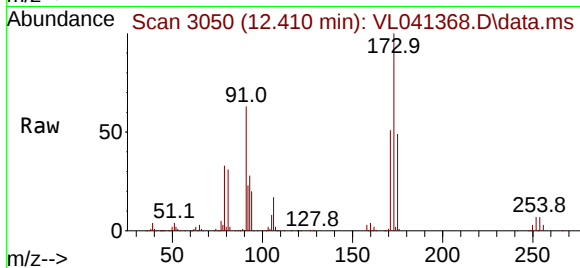
171 54.8 43.8 65.8

Manual Integrations

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Reviewed By :Mahesh Dadoda 07/02/2024

Supervised By :Semsettin Yesilyurt 07/02/2024



#50

4-Methyl-2-Pentanone

Concen: 9.129 ppbv

RT: 8.192 min Scan# 1738

Delta R.T. 0.000 min

Lab File: VL041368.D

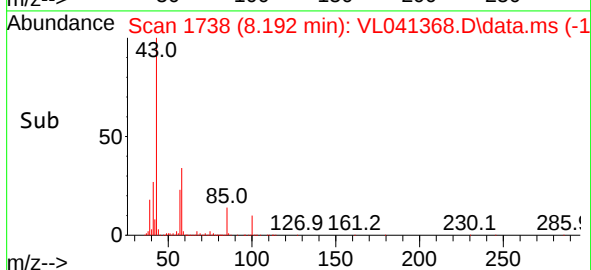
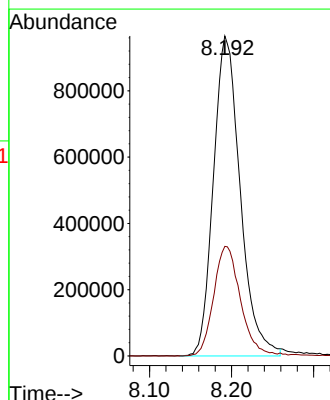
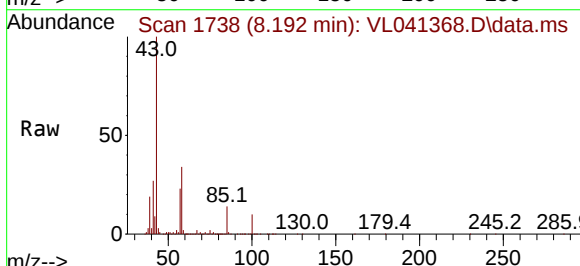
Acq: 1 Jul 2024 14:55

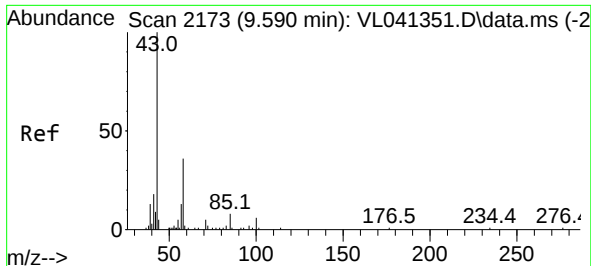
Tgt Ion: 43 Resp: 2188691

Ion Ratio Lower Upper

43 100

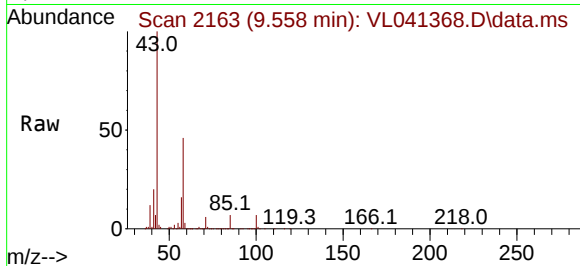
58 35.0 27.8 41.8





#51
2-Hexanone
Concen: 9.170 ppbv
RT: 9.558 min Scan# 2173
Delta R.T. 0.000 min
Lab File: VL041368.D
Acq: 1 Jul 2024 14:55

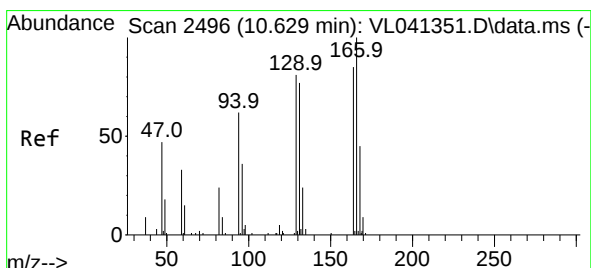
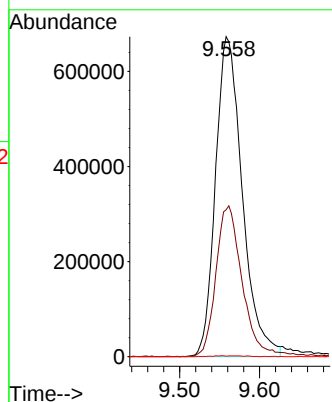
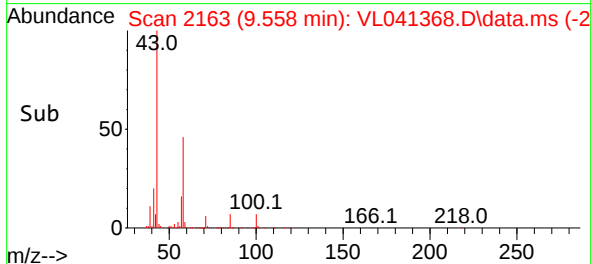
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



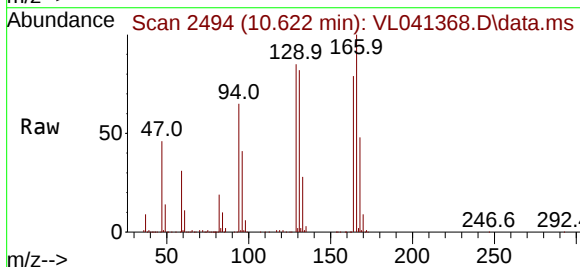
Tgt Ion: 43 Resp: 156286
Ion Ratio Lower Upper
43 100
58 46.8 38.0 57.0
98 0.4 0.2 0.2

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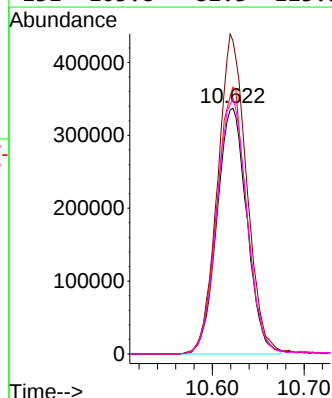
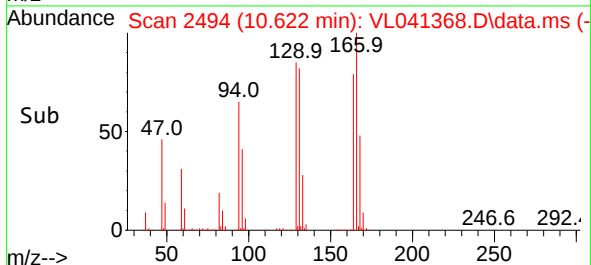
Reviewed By :Mahesh Dadoda 07/02/2024
Supervised By :Semsettin Yesilyurt 07/02/2024

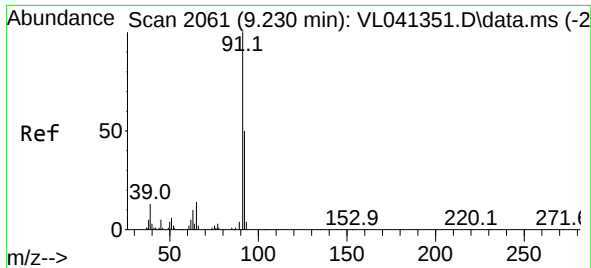


#52
Tetrachloroethene
Concen: 8.095 ppbv
RT: 10.622 min Scan# 2494
Delta R.T. 0.000 min
Lab File: VL041368.D
Acq: 1 Jul 2024 14:55



Tgt Ion:164 Resp: 761200
Ion Ratio Lower Upper
164 100
166 127.2 99.8 149.8
129 108.5 83.8 125.6
131 103.8 82.3 123.5





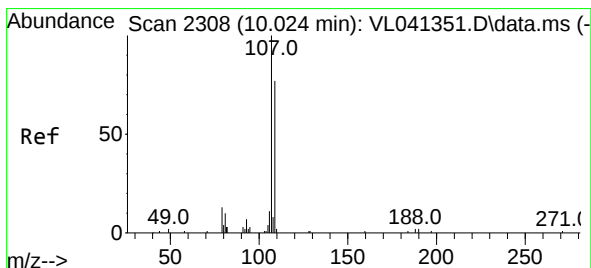
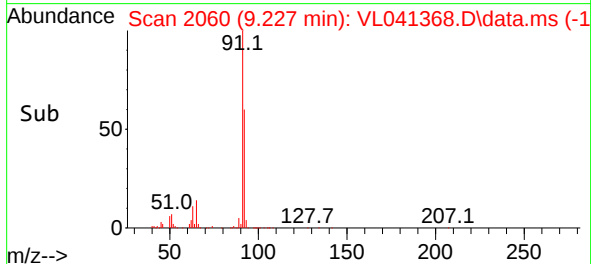
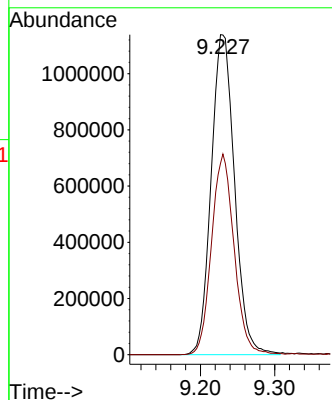
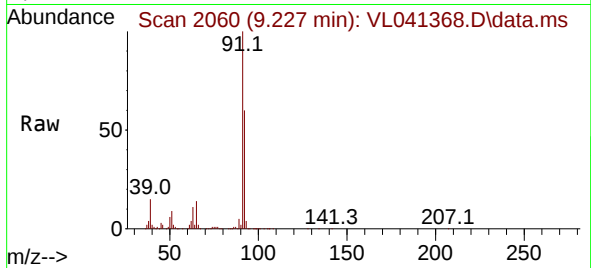
#53
Toluene
Concen: 9.437 ppbv
RT: 9.227 min Scan# 2061
Delta R.T. 0.000 min
Lab File: VL041368.D
Acq: 1 Jul 2024 14:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 249231
Ion Ratio Lower Upper
91 100
92 60.5 48.5 72.7

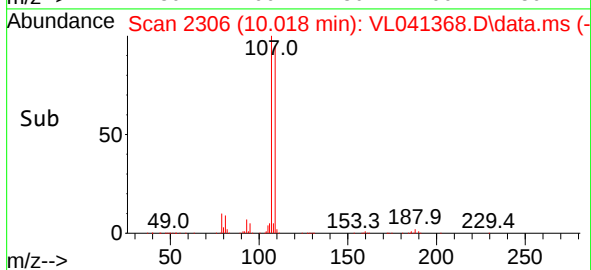
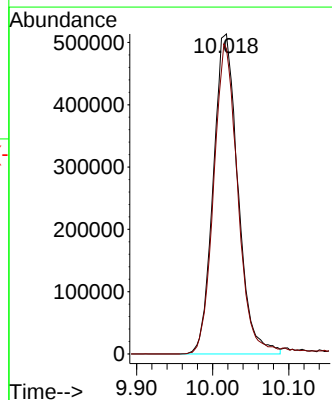
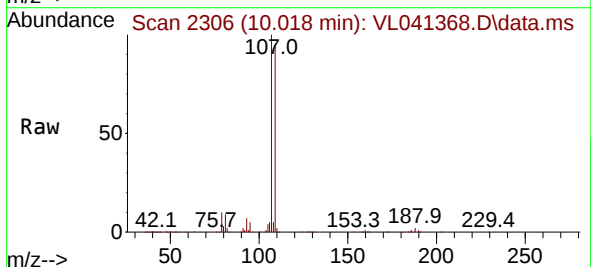
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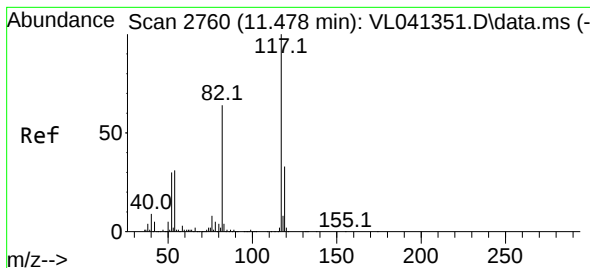
Reviewed By :Mahesh Dadoda 07/02/2024
Supervised By :Semsettin Yesilyurt 07/02/2024



#54
1,2-Dibromoethane
Concen: 9.663 ppbv
RT: 10.018 min Scan# 2306
Delta R.T. 0.000 min
Lab File: VL041368.D
Acq: 1 Jul 2024 14:55

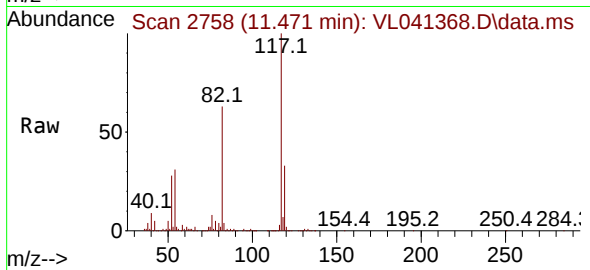
Tgt Ion:107 Resp: 1160584
Ion Ratio Lower Upper
107 100
109 95.4 75.8 113.6





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.471 min Scan# 2760
Delta R.T. 0.000 min
Lab File: VL041368.D
Acq: 1 Jul 2024 14:55

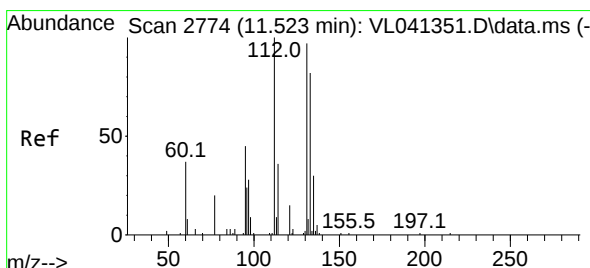
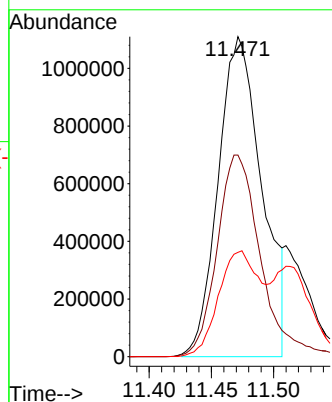
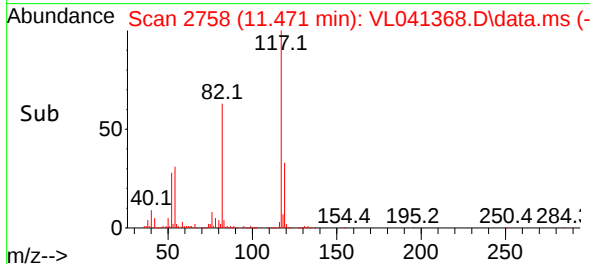
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



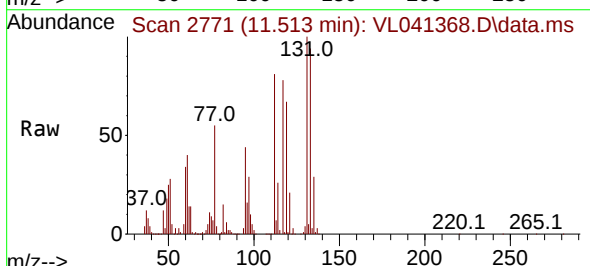
Tgt Ion:117 Resp: 2702974
Ion Ratio Lower Upper
117 100
82 64.5 50.6 75.8
119 31.0 24.7 37.1

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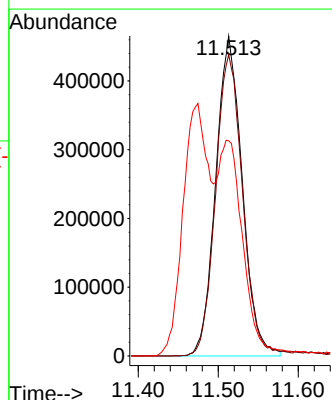
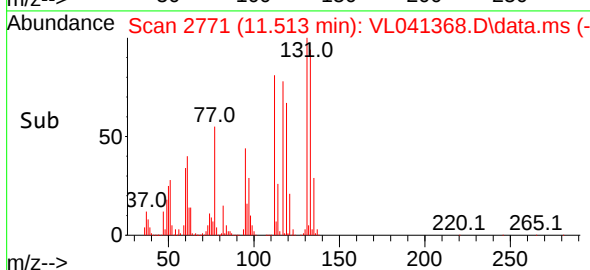
Reviewed By :Mahesh Dadoda 07/02/2024
Supervised By :Semsettin Yesilyurt 07/02/2024

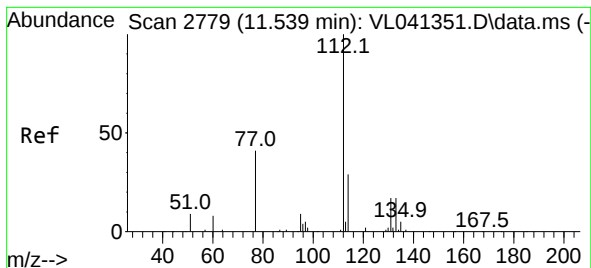


#56
1,1,1,2-Tetrachloroethane
Concen: 8.790 ppbv
RT: 11.513 min Scan# 2771
Delta R.T. 0.000 min
Lab File: VL041368.D
Acq: 1 Jul 2024 14:55



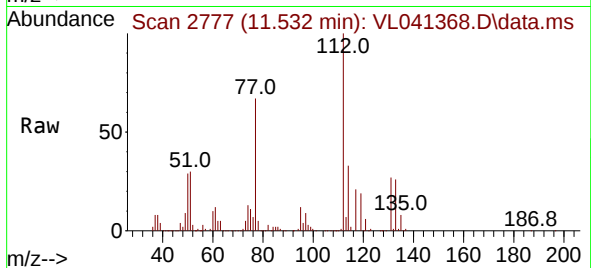
Tgt Ion:131 Resp: 1069185
Ion Ratio Lower Upper
131 100
133 97.6 76.8 115.2
119 60.5 49.4 74.0





#57
Chlorobenzene
Concen: 8.665 ppbv
RT: 11.532 min Scan# 211
Delta R.T. 0.000 min
Lab File: VL041368.D
Acq: 1 Jul 2024 14:55

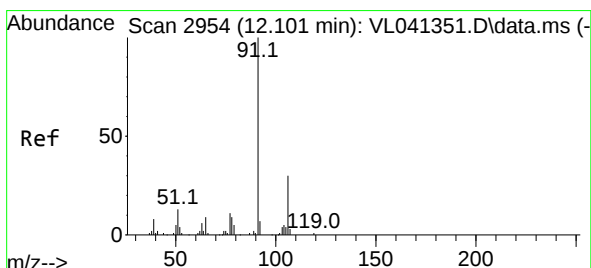
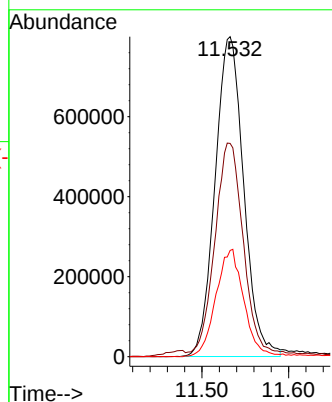
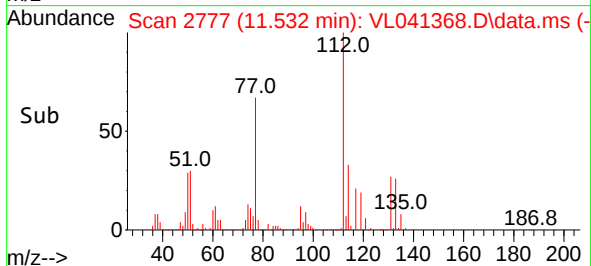
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



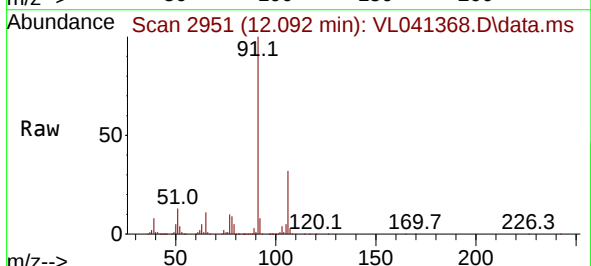
Tgt Ion: 112 Resp: 183738
Ion Ratio Lower Upper
112 100
77 65.2 53.2 79.8
114 33.2 30.1 36.7

Manual Integrations
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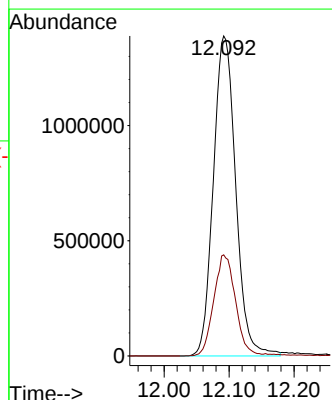
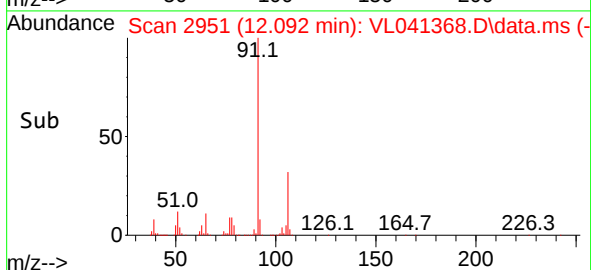
Reviewed By :Mahesh Dadoda 07/02/2024
Supervised By :Semsettin Yesilyurt 07/02/2024

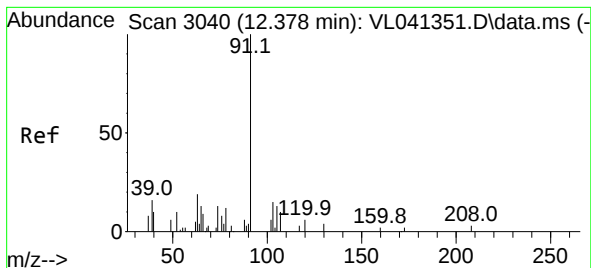


#58
Ethyl Benzene
Concen: 9.180 ppbv
RT: 12.092 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VL041368.D
Acq: 1 Jul 2024 14:55



Tgt Ion: 91 Resp: 3319854
Ion Ratio Lower Upper
91 100
106 31.6 25.4 38.0





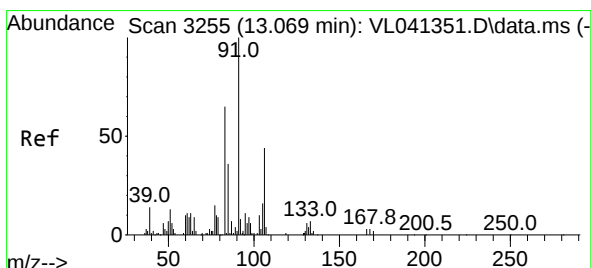
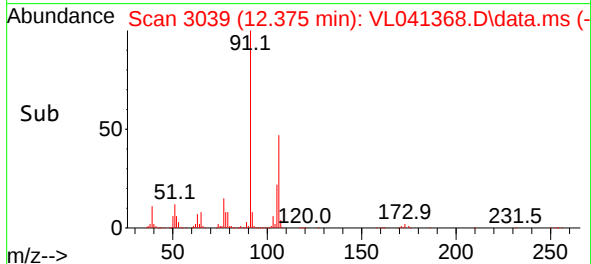
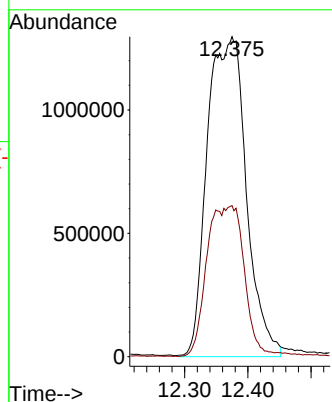
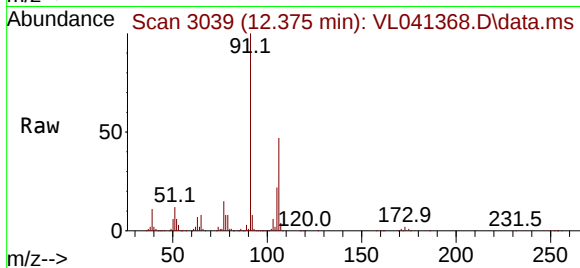
#59
m/p-Xylene
Concen: 17.784 ppbv m
RT: 12.375 min Scan# 3040
Delta R.T. 0.000 min
Lab File: VL041368.D
Acq: 1 Jul 2024 14:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 5565836
Ion Ratio Lower Upper
91 100
106 46.0 35.6 53.4

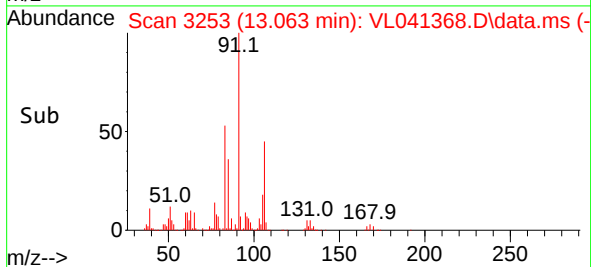
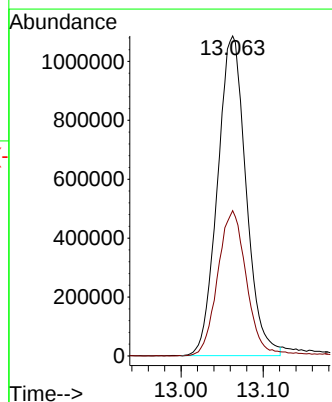
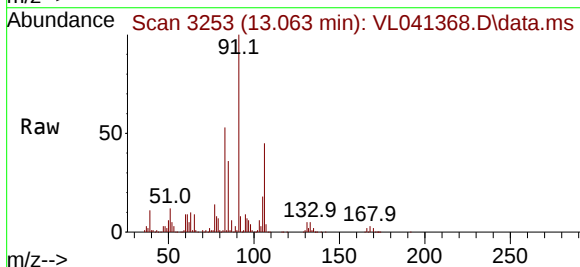
Manual Integrations
APPROVED

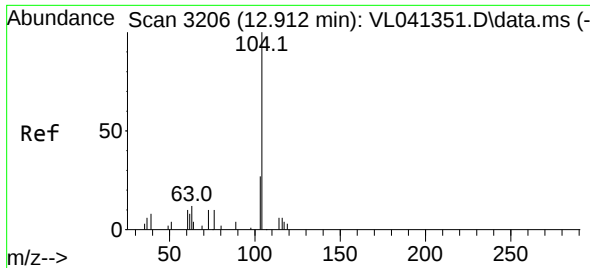
Reviewed By :Mahesh Dadoda 07/02/2024
Supervised By :Semsettin Yesilyurt 07/02/2024



#60
o-Xylene
Concen: 8.885 ppbv
RT: 13.063 min Scan# 3253
Delta R.T. 0.000 min
Lab File: VL041368.D
Acq: 1 Jul 2024 14:55

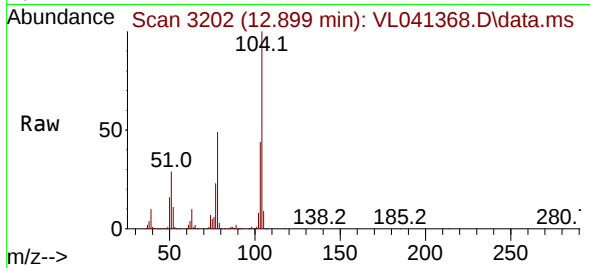
Tgt Ion: 91 Resp: 2624536
Ion Ratio Lower Upper
91 100
106 47.2 23.3 69.8





#61
Styrene
Concen: 9.934 ppbv
RT: 12.899 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041368.D
Acq: 1 Jul 2024 14:55

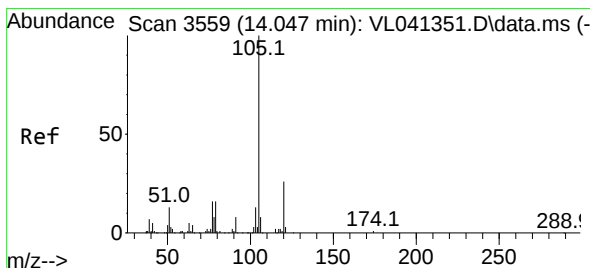
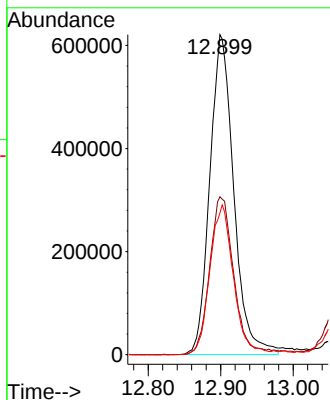
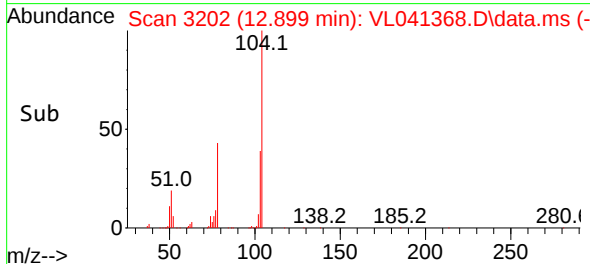
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



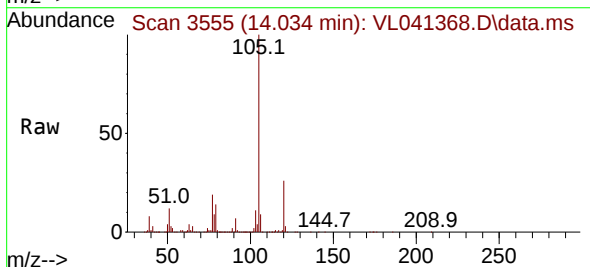
Tgt Ion:104 Resp: 142492
Ion Ratio Lower Upper
104 100
78 50.6 40.6 61.0
103 46.4 37.4 56.0

Manual Integrations
APPROVED

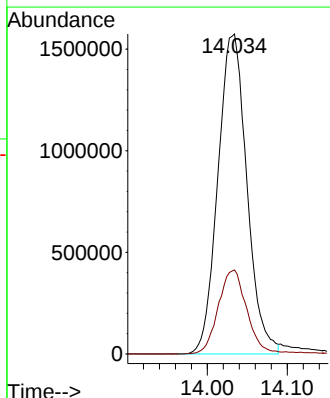
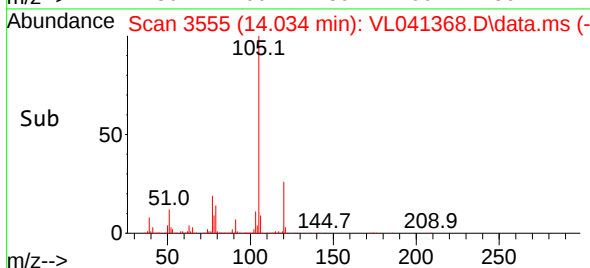
Reviewed By :Mahesh Dadoda 07/02/2024
Supervised By :Semsettin Yesilyurt 07/02/2024

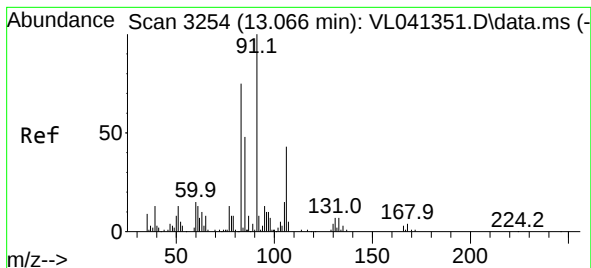


#62
Isopropylbenzene
Concen: 8.689 ppbv
RT: 14.034 min Scan# 3555
Delta R.T. 0.000 min
Lab File: VL041368.D
Acq: 1 Jul 2024 14:55



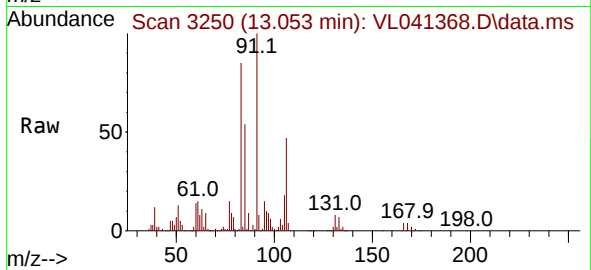
Tgt Ion:105 Resp: 3962041
Ion Ratio Lower Upper
105 100
120 26.4 20.9 31.3





#63
1,1,2,2-Tetrachloroethane
Concen: 8.150 ppbv
RT: 13.053 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041368.D
Acq: 1 Jul 2024 14:55

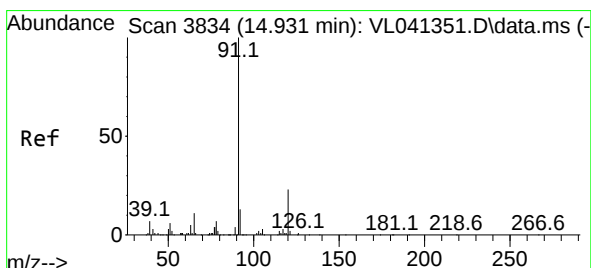
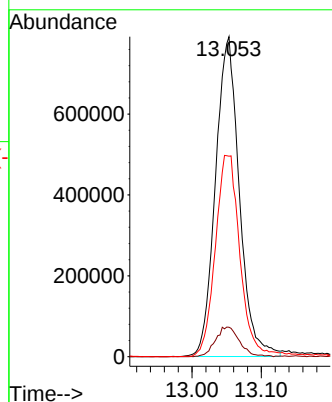
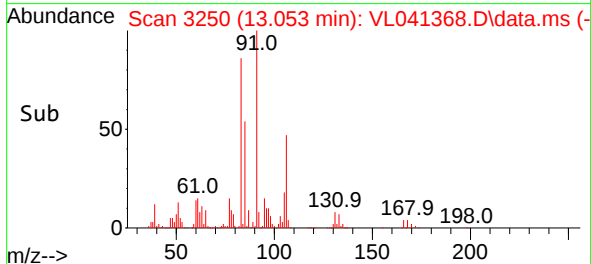
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



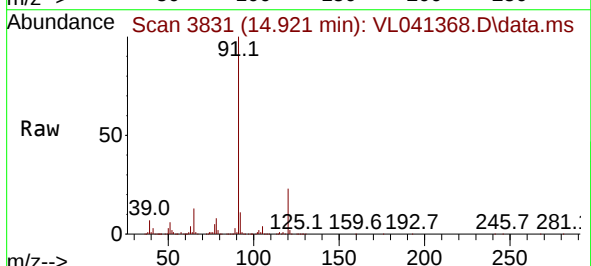
Tgt Ion: 83 Resp: 189651
Ion Ratio Lower Upper
83 100
131 9.5 4.8 14.4
85 66.3 33.0 98.9

Manual Integrations
APPROVED

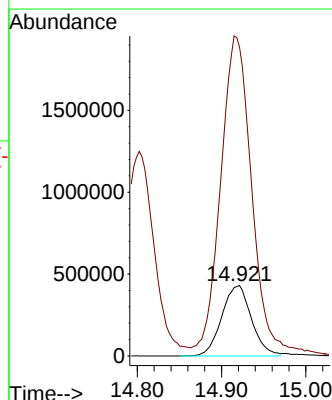
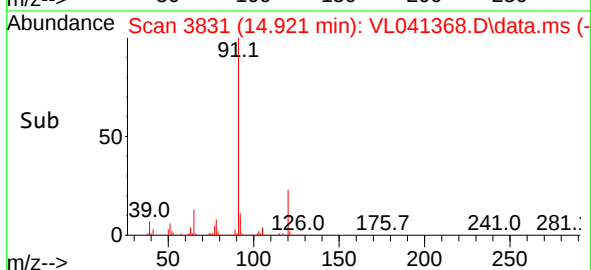
Reviewed By :Mahesh Dadoda 07/02/2024
Supervised By :Semsettin Yesilyurt 07/02/2024

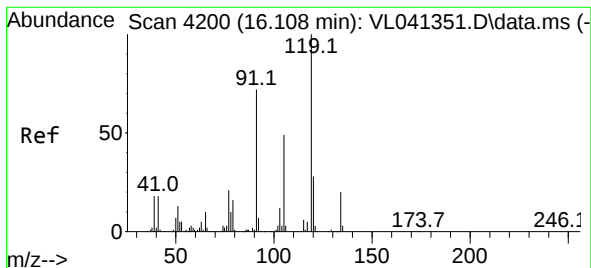


#64
n-propylbenzene
Concen: 8.832 ppbv
RT: 14.921 min Scan# 3831
Delta R.T. 0.000 min
Lab File: VL041368.D
Acq: 1 Jul 2024 14:55



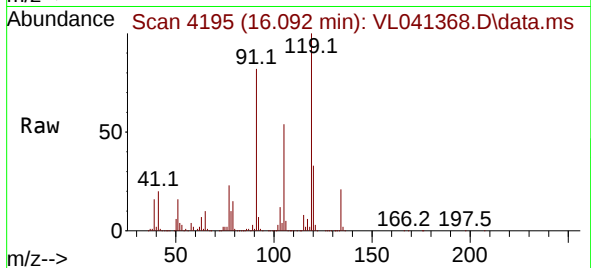
Tgt Ion:120 Resp: 1051298
Ion Ratio Lower Upper
120 100
91 481.9 378.4 567.6





#65
tert-Butylbenzene
Concen: 8.832 ppbv
RT: 16.092 min Scan# 4195
Delta R.T. 0.000 min
Lab File: VL041368.D
Acq: 1 Jul 2024 14:55

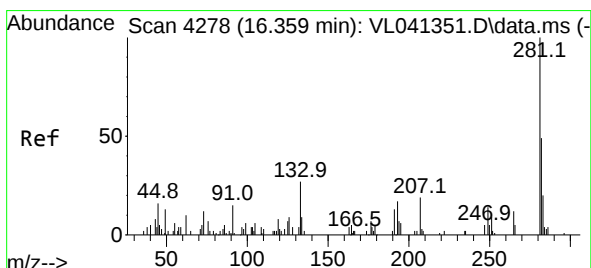
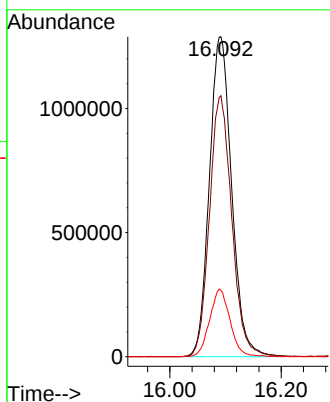
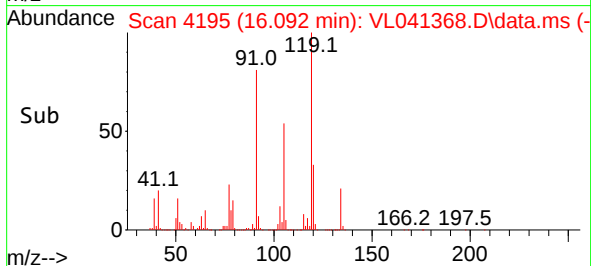
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



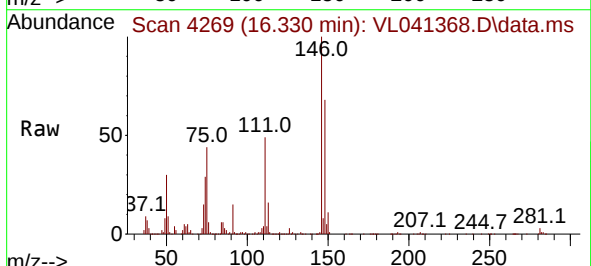
Tgt Ion:119 Resp: 358607
Ion Ratio Lower Upper
119 100
91 81.5 65.8 98.6
134 19.4 15.7 23.5

Manual Integrations
APPROVED

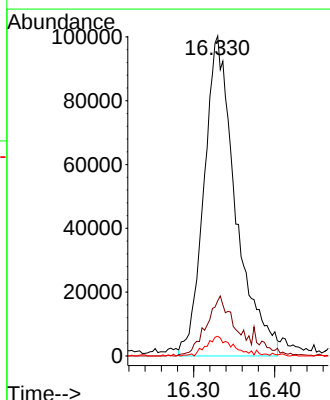
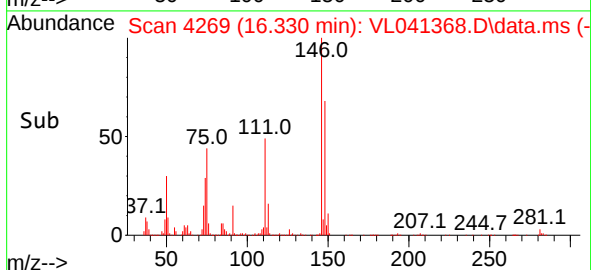
Reviewed By :Mahesh Dadoda 07/02/2024
Supervised By :Semsettin Yesilyurt 07/02/2024

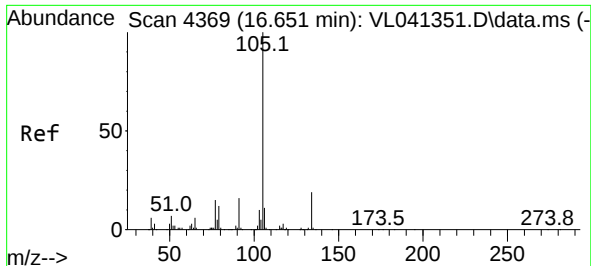


#66
Benzyl Chloride
Concen: 10.208 ppbv m
RT: 16.330 min Scan# 4269
Delta R.T. 0.000 min
Lab File: VL041368.D
Acq: 1 Jul 2024 14:55



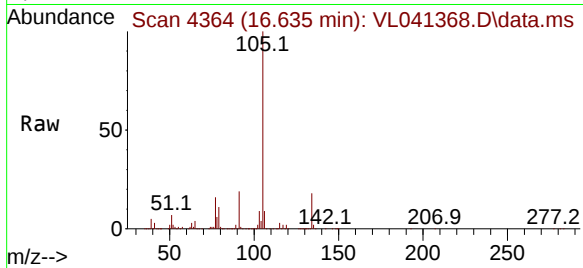
Tgt Ion: 91 Resp: 272359
Ion Ratio Lower Upper
91 100
126 19.8 15.4 23.0
128 5.6 5.0 7.4





#67
 sec-Butylbenzene
 Concen: 8.867 ppbv
 RT: 16.635 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL041368.D
 Acq: 1 Jul 2024 14:55

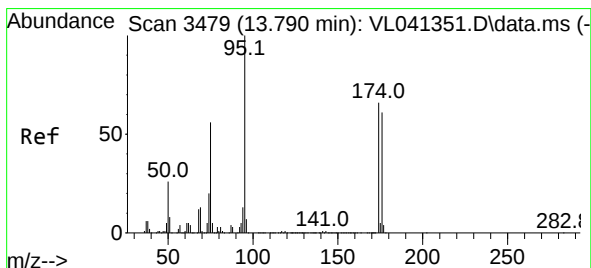
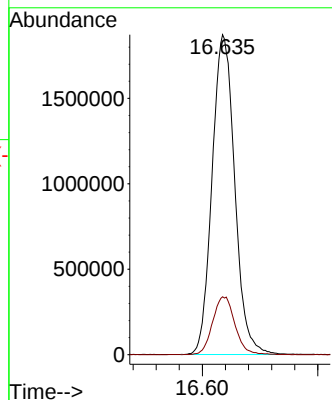
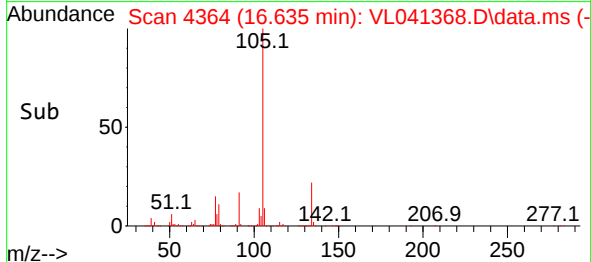
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:105 Resp: 509177
 Ion Ratio Lower Upper
 105 100
 134 17.9 14.2 21.2

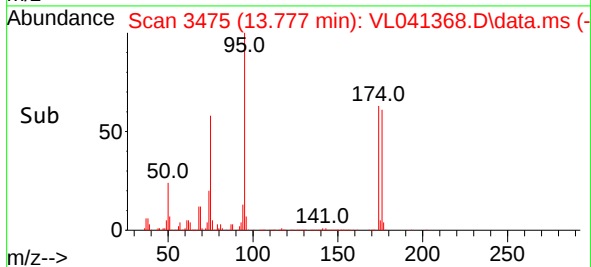
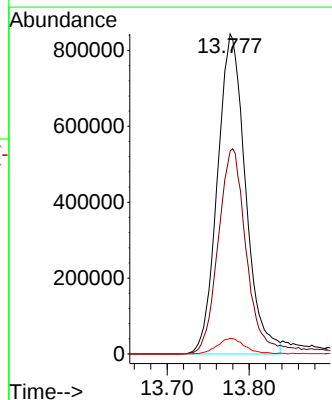
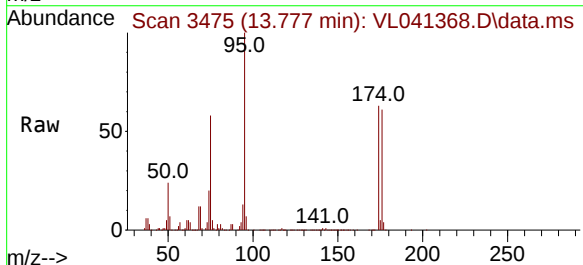
Manual Integrations
 APPROVED

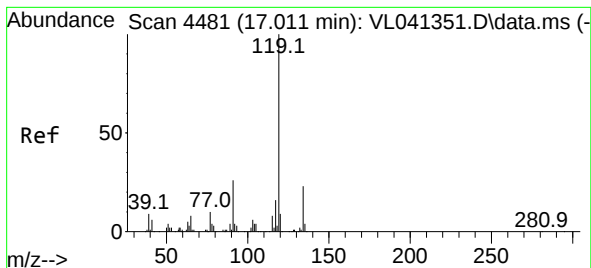
Reviewed By :Mahesh Dadoda 07/02/2024
 Supervised By :Semsettin Yesilyurt 07/02/2024



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.917 ppbv
 RT: 13.777 min Scan# 3475
 Delta R.T. 0.000 min
 Lab File: VL041368.D
 Acq: 1 Jul 2024 14:55

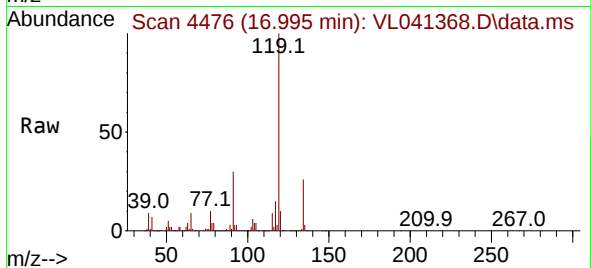
Tgt Ion: 95 Resp: 2009178
 Ion Ratio Lower Upper
 95 100
 174 66.9 53.1 79.7
 175 4.9 4.0 6.0





#69
p-Isopropyltoluene
Concen: 8.909 ppbv
RT: 16.995 min Scan# 4481
Delta R.T. 0.000 min
Lab File: VL041368.D
Acq: 1 Jul 2024 14:55

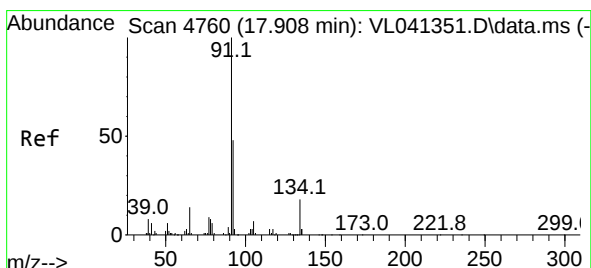
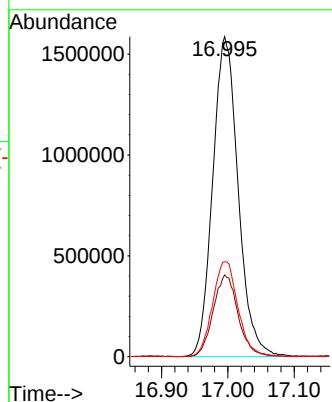
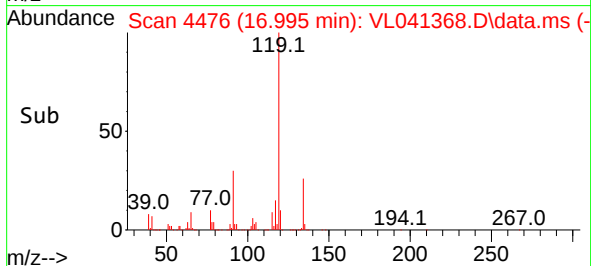
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



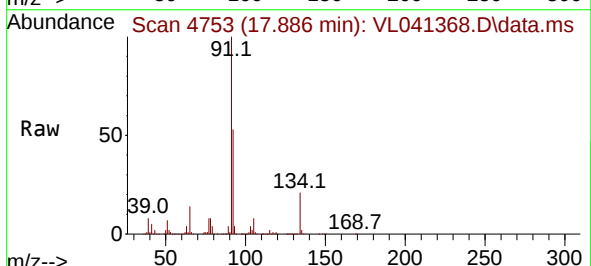
Tgt Ion:119 Resp: 4225198
Ion Ratio Lower Upper
119 100
134 25.1 20.0 30.0
91 29.7 23.7 35.5

Manual Integrations
APPROVED

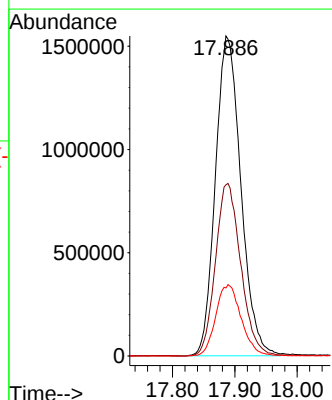
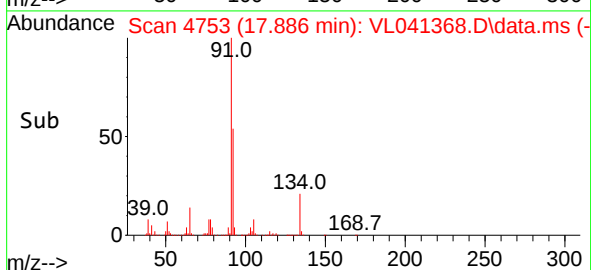
Reviewed By :Mahesh Dadoda 07/02/2024
Supervised By :Semsettin Yesilyurt 07/02/2024

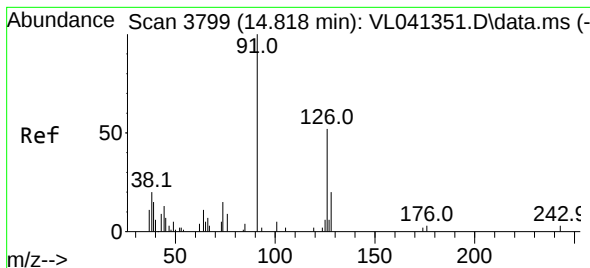


#70
n-Butylbenzene
Concen: 9.062 ppbv
RT: 17.886 min Scan# 4753
Delta R.T. 0.000 min
Lab File: VL041368.D
Acq: 1 Jul 2024 14:55



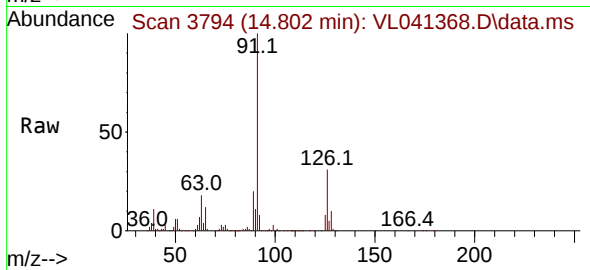
Tgt Ion: 91 Resp: 4393505
Ion Ratio Lower Upper
91 100
92 53.7 43.0 64.6
134 22.4 18.0 27.0





#71
2-Chlorotoluene
Concen: 9.003 ppbv
RT: 14.802 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041368.D
Acq: 1 Jul 2024 14:55

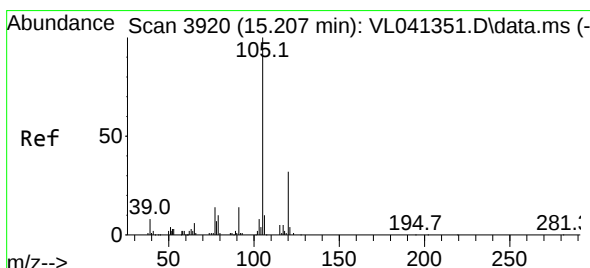
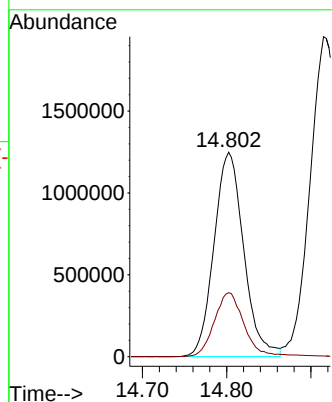
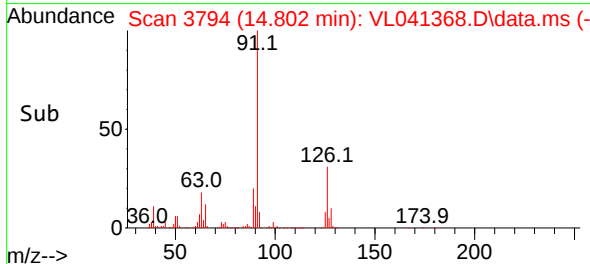
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



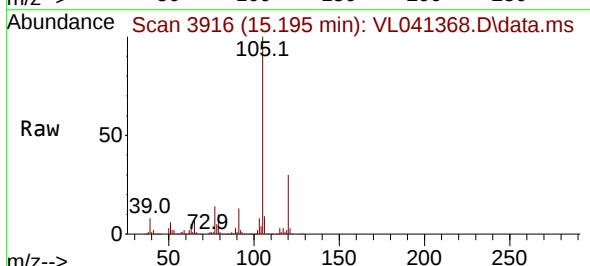
Tgt Ion: 91 Resp: 3049970
Ion Ratio Lower Upper
91 100
126 32.0 12.9 51.7

Manual Integrations
APPROVED

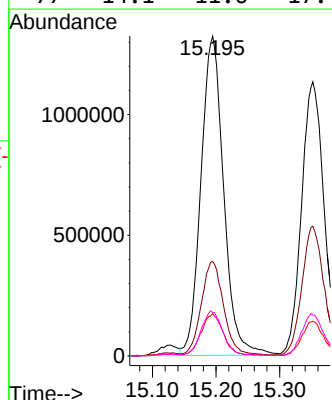
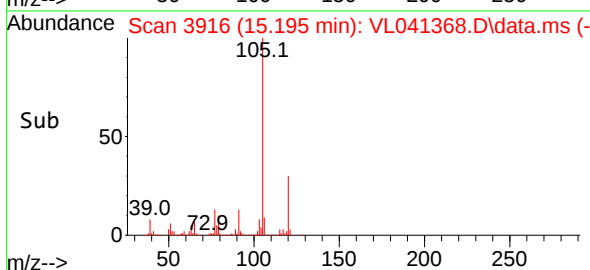
Reviewed By :Mahesh Dadoda 07/02/2024
Supervised By :Semsettin Yesilyurt 07/02/2024

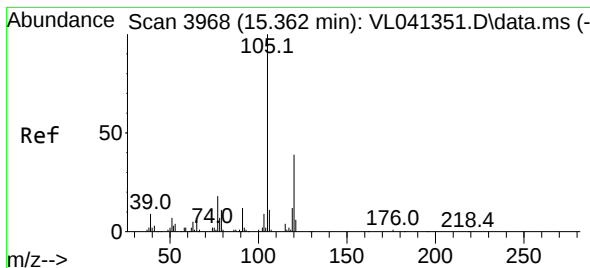


#72
4-Ethyltoluene
Concen: 9.329 ppbv
RT: 15.195 min Scan# 3916
Delta R.T. 0.000 min
Lab File: VL041368.D
Acq: 1 Jul 2024 14:55



Tgt Ion:105 Resp: 3281947
Ion Ratio Lower Upper
105 100
120 30.4 24.2 36.4
91 12.7 10.2 15.2
77 14.1 11.6 17.4





#73

1,3,5-Trimethylbenzene

Concen: 9.353 ppbv

RT: 15.352 min Scan# 3965

Delta R.T. 0.000 min

Lab File: VL041368.D

Acq: 1 Jul 2024 14:55

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 281663

Ion Ratio Lower Upper

105 100

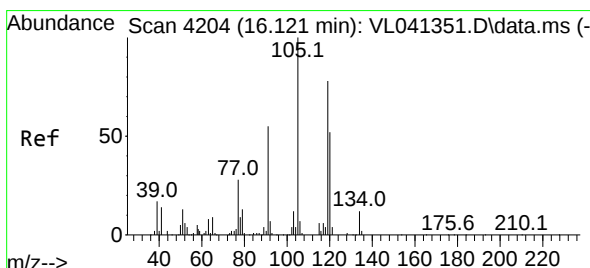
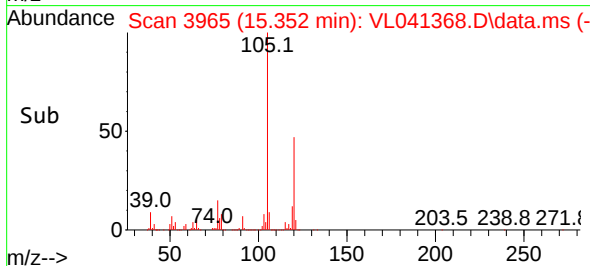
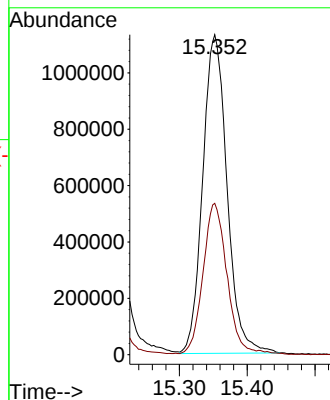
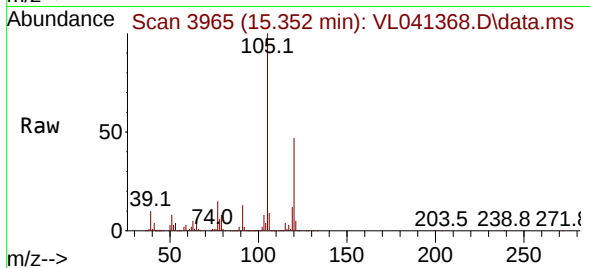
120 47.2 37.3 55.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/02/2024

Supervised By :Semsettin Yesilyurt 07/02/2024



#74

1,2,4-Trimethylbenzene

Concen: 9.141 ppbv

RT: 16.108 min Scan# 4200

Delta R.T. 0.000 min

Lab File: VL041368.D

Acq: 1 Jul 2024 14:55

Tgt Ion:105 Resp: 3101730

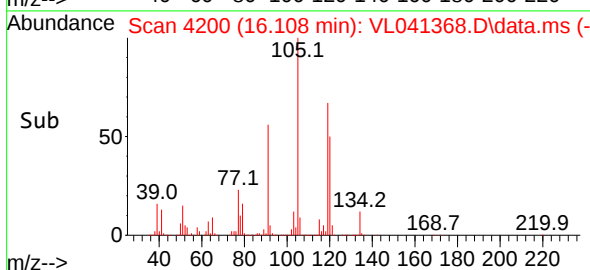
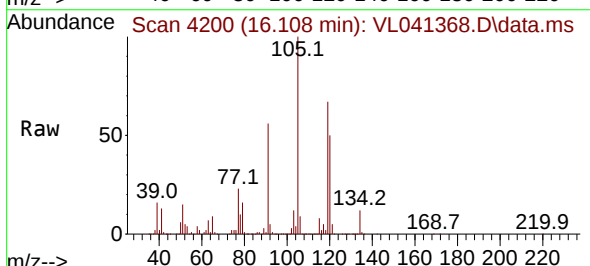
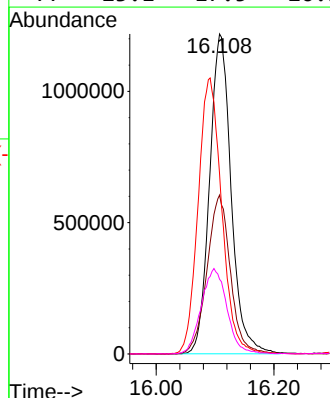
Ion Ratio Lower Upper

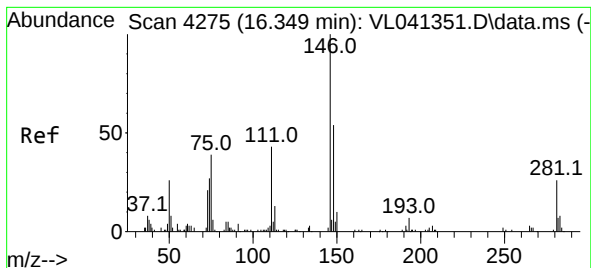
105 100

120 49.5 37.8 56.8

91 56.2 38.0 57.0

77 23.1 17.5 26.3





#75

1,3-Dichlorobenzene

Concen: 9.090 ppbv

RT: 16.333 min Scan# 4314

Delta R.T. 0.000 min

Lab File: VL041368.D

Acq: 1 Jul 2024 14:55

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:146 Resp: 182974

Ion Ratio Lower Upper

146 100

111 46.8 23.5 70.5

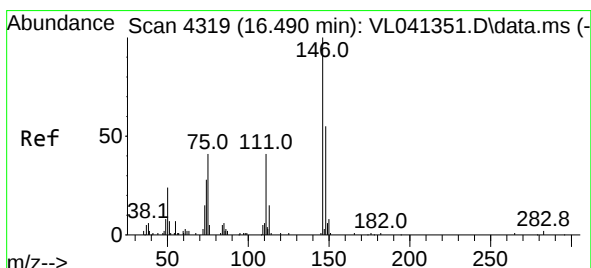
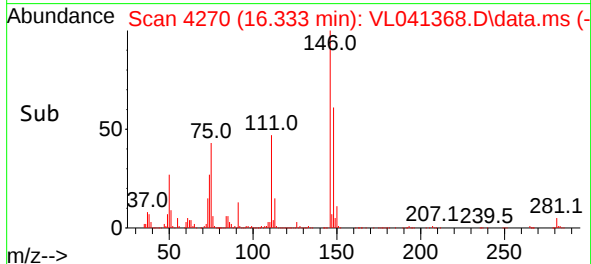
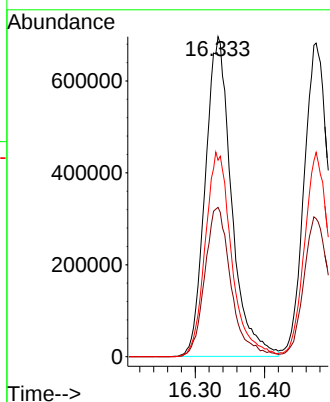
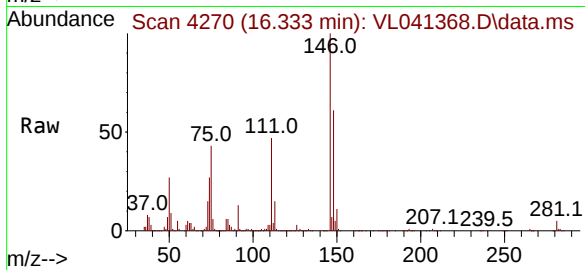
148 64.4 32.3 96.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/02/2024

Supervised By :Semsettin Yesilyurt 07/02/2024



#76

1,4-Dichlorobenzene

Concen: 9.062 ppbv

RT: 16.474 min Scan# 4314

Delta R.T. 0.000 min

Lab File: VL041368.D

Acq: 1 Jul 2024 14:55

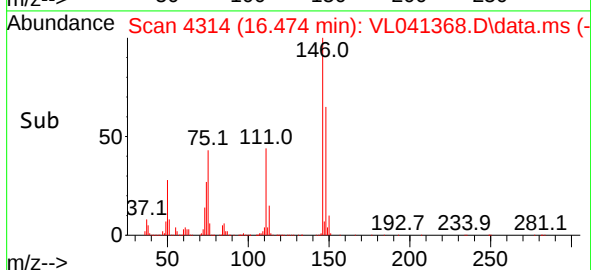
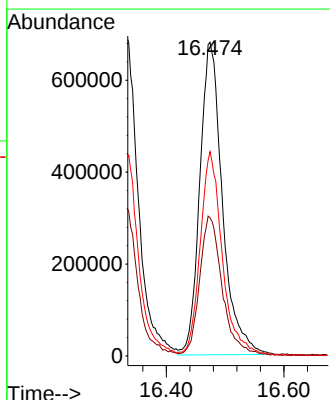
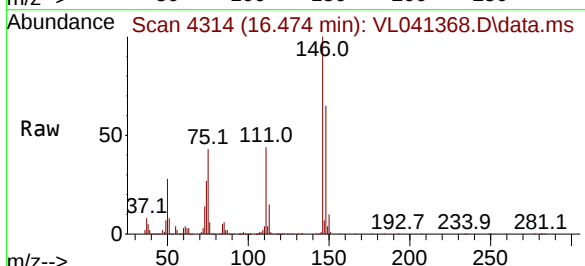
Tgt Ion:146 Resp: 1817397

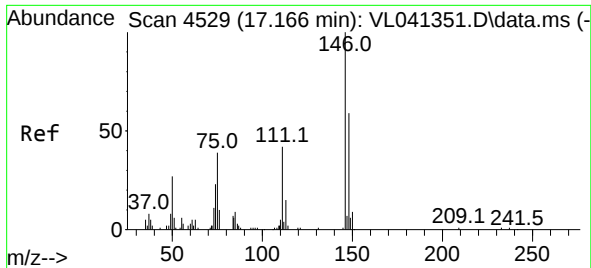
Ion Ratio Lower Upper

146 100

111 44.8 22.9 68.8

148 64.3 32.8 98.3





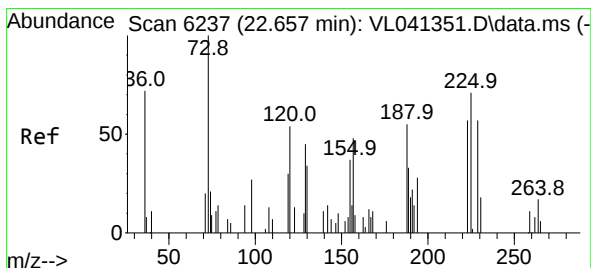
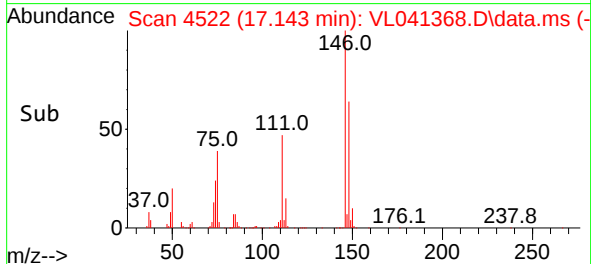
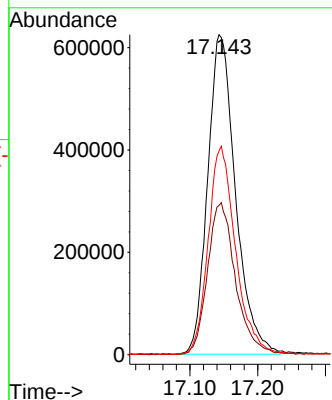
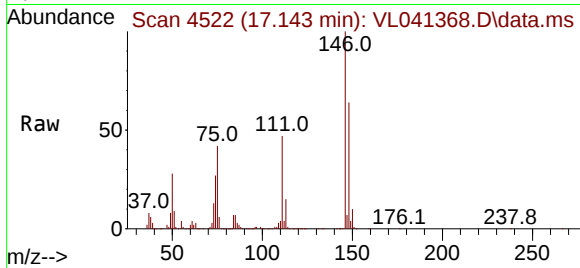
#77
1,2-Dichlorobenzene
Concen: 8.670 ppbv
RT: 17.143 min Scan# 4529
Delta R.T. 0.000 min
Lab File: VL041368.D
Acq: 1 Jul 2024 14:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:146 Resp: 1779330
Ion Ratio Lower Upper
146 100
111 48.4 24.1 72.2
148 64.4 31.9 95.9

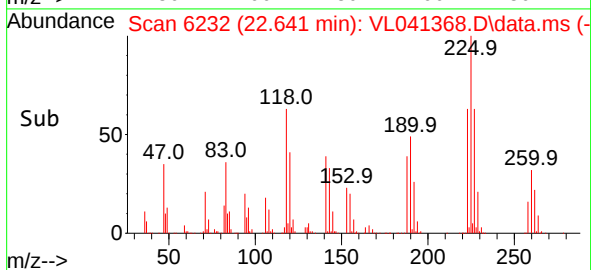
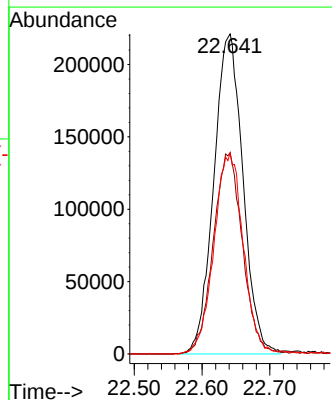
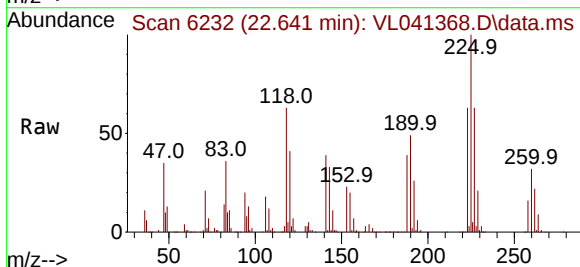
Manual Integrations
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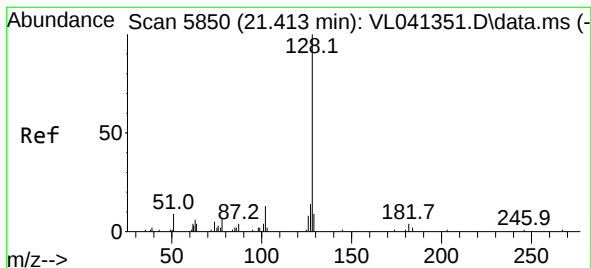
Reviewed By :Mahesh Dadoda 07/02/2024
Supervised By :Semsettin Yesilyurt 07/02/2024



#78
Hexachloro-1,3-Butadiene
Concen: 4.427 ppbv
RT: 22.641 min Scan# 6232
Delta R.T. 0.000 min
Lab File: VL041368.D
Acq: 1 Jul 2024 14:55

Tgt Ion:225 Resp: 660834
Ion Ratio Lower Upper
225 100
223 63.2 51.3 76.9
227 63.6 51.8 77.8





#79

Naphthalene

Concen: 4.664 ppbv

RT: 21.394 min Scan# 5844

Delta R.T. 0.000 min

Lab File: VL041368.D

Acq: 1 Jul 2024 14:55

Instrument :

MSVOA_L

ClientSampleId :

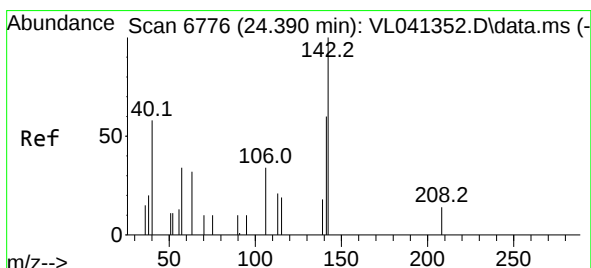
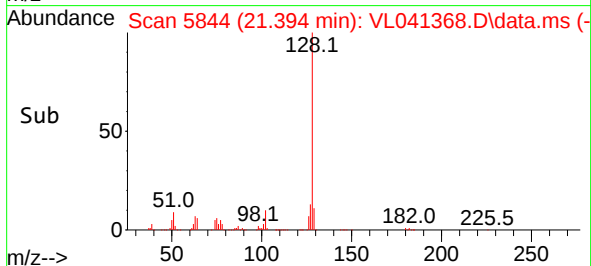
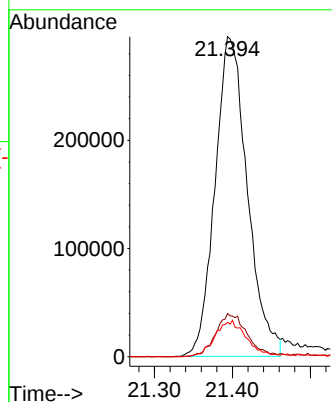
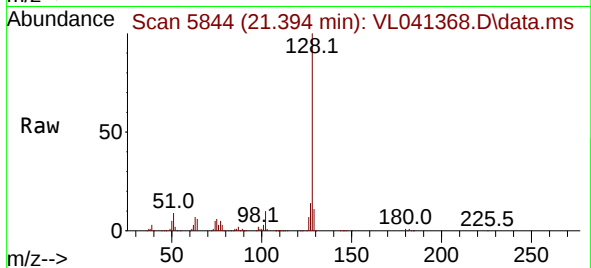
VSTDCCC010

Tgt Ion:	128	Resp:	851092
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.8	16.2
129	10.7	9.0	13.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/02/2024
Supervised By :Semsettin Yesilyurt 07/02/2024



#80

Naphthalene,2-methyl-

Concen: 2.084 ppbv

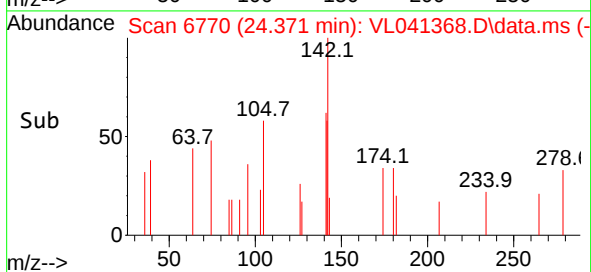
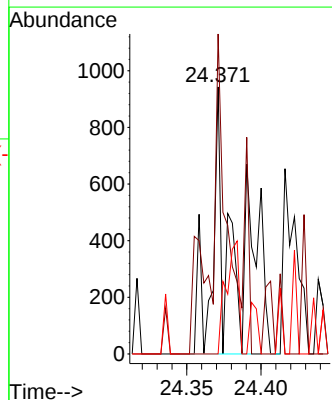
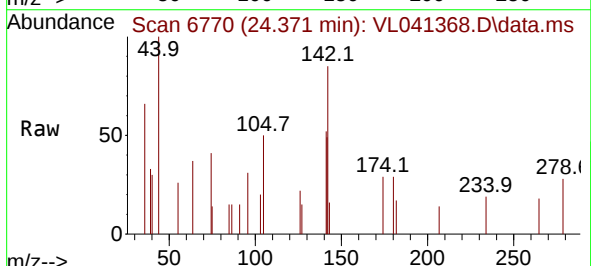
RT: 24.371 min Scan# 6770

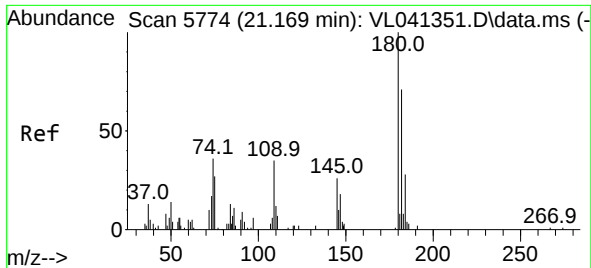
Delta R.T. 0.000 min

Lab File: VL041368.D

Acq: 1 Jul 2024 14:55

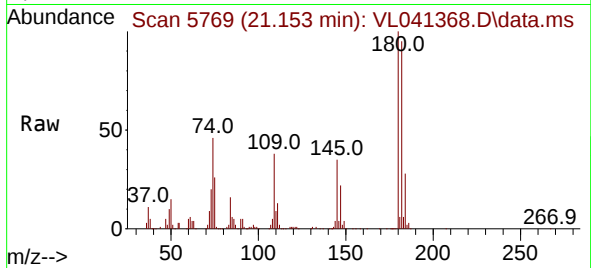
Tgt Ion:	142	Resp:	1001
Ion Ratio	Lower	Upper	
142	100		
141	101.2	37.9	56.9#
115	30.4	11.0	16.4#





#81
 1,2,4-Trichlorobenzene
 Concen: 5.075 ppbv
 RT: 21.153 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VL041368.D
 Acq: 1 Jul 2024 14:55

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:180 Resp: 572418
 Ion Ratio Lower Upper
 180 100
 182 99.7 78.1 117.1
 184 30.6 25.2 37.8

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/02/2024
 Supervised By :Semsettin Yesilyurt 07/02/2024

