

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072524\
 Data File : VL041402.D
 Acq On : 25 Jul 2024 16:00
 Operator : SY/MD
 Sample : VSTDICC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.5

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 07/26/2024
 Supervised By : Mahesh Dadoda 07/29/2024

Quant Time: Jul 26 02:43:55 2024

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

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

QLast Update : Thu Jul 25 14:31:18 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.179	49	1198045	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	3329007	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.458	117	3110236	10.000	ppbv	# 0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.770 95 2394911 10.274 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 102.700%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.709	85	121223	0.593	ppbv	98
3) Chlorodifluoromethane	2.652	51	76485	0.370	ppbv	99
4) Chloromethane	2.793	50	38283	0.485	ppbv	89
5) Vinyl Chloride	2.899	62	35294	0.414	ppbv #	86
6) Bromomethane	3.099	94	18597	0.689	ppbv	95
7) Chloroethane	3.176	64	12829m	0.455	ppbv	
8) Dichlorotetrafluoroethane	2.835	85	96423	0.485	ppbv	96
9) Propene	2.674	41	35545	0.497	ppbv	96
10) Heptane	7.568	43	66812	0.398	ppbv	93
11) Trichlorofluoromethane	3.542	101	92339	0.464	ppbv	96
12) 1,1,2-Trichlorotrifluo...	4.053	101	67197	0.482	ppbv	97
13) Ethanol	3.246	45	2992m	0.189	ppbv	
14) Bromoethene	3.349	108	22722	0.406	ppbv #	76
15) Acetone	3.465	43	74008	0.468	ppbv	97
16) 1,3-Butadiene	2.963	39	33970	0.451	ppbv	91
17) tert-Butyl alcohol	3.877	59	58214	0.477	ppbv	96
18) 1,1-Dichloroethene	3.864	96	28949	0.472	ppbv	85
19) Isopropyl Alcohol	3.574	45	34137	0.393	ppbv #	95
20) Methylene Chloride	3.915	84	27679	0.482	ppbv	92
21) Allyl Chloride	3.979	41	40810	0.428	ppbv	90
22) trans-1,2-Dichloroethene	4.426	96	24938m	0.410	ppbv	
23) Vinyl Acetate	4.616	43	48820	0.313	ppbv #	85
24) 1,1-Dichloroethane	4.549	63	58174	0.430	ppbv	99
25) Ethyl Acetate	5.198	43	126562	0.434	ppbv #	96
26) Hexane	5.201	57	55917	0.433	ppbv	92
27) Carbon Disulfide	4.108	76	58281	0.371	ppbv #	89
28) Methyl tert-Butyl Ether	4.581	73	35181	0.368	ppbv	99
29) Chloroform	5.253	83	97821m	0.491	ppbv	
30) Cyclohexane	6.587	84	39310m	0.382	ppbv	
31) cis-1,2-Dichloroethene	5.066	61	54702	0.442	ppbv	92
32) 1,1,1-Trichloroethane	5.986	97	84630	0.405	ppbv	97
34) 2-Butanone	4.787	43	77880m	0.443	ppbv	
35) Carbon Tetrachloride	6.484	117	86673	0.394	ppbv	96
36) Benzene	6.356	78	118364	0.430	ppbv	96
37) 1,2-Dichloroethane	5.790	62	66696	0.422	ppbv	100
38) Trichloroethene	7.282	130	52860	0.440	ppbv	96
39) 1,2-Dichloropropane	7.066	63	46980m	0.441	ppbv	
40) 1,4-Dioxane	7.314	88	13441m	0.394	ppbv	
41) Tetrahydrofuran	5.565	42	40992m	0.377	ppbv	
42) Bromodichloromethane	7.240	83	93679	0.424	ppbv	90
43) Methyl Methacrylate	7.471	69	37179	0.359	ppbv	90
44) 2,2,4-Trimethylpentane	7.314	57	193929	0.414	ppbv	95
45) t-1,3-Dichloropropene	8.703	75	28863m	0.441	ppbv	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072524\
 Data File : VL041402.D
 Acq On : 25 Jul 2024 16:00
 Operator : SY/MD
 Sample : VSTDICC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.5

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/26/2024
 Supervised By :Mahesh Dadoda 07/29/2024

Quant Time: Jul 26 02:43:55 2024

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

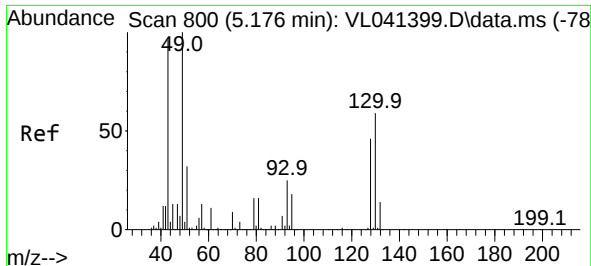
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2

QLast Update : Thu Jul 25 14:31:18 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.130	75	48144	0.547	ppbv	87
47) 1,1,2-Trichloroethane	8.889	97	50007	0.438	ppbv	92
48) Dibromochloromethane	9.700	129	71709	0.391	ppbv	96
49) Bromoform	12.397	173	57665m	0.395	ppbv	
50) 4-Methyl-2-Pentanone	8.188	43	114983m	0.408	ppbv	
51) 2-Hexanone	9.568	43	77238	0.385	ppbv #	98
52) Tetrachloroethene	10.606	164	45907	0.415	ppbv	96
53) Toluene	9.211	91	122877m	0.395	ppbv	
54) 1,2-Dibromoethane	10.008	107	67181m	0.475	ppbv	
56) 1,1,1,2-Tetrachloroethane	11.500	131	61024m	0.436	ppbv	
57) Chlorobenzene	11.523	112	117500m	0.482	ppbv	
58) Ethyl Benzene	12.085	91	170346	0.409	ppbv	90
59) m/p-Xylene	12.371	91	295276m	0.820	ppbv	
60) o-Xylene	13.050	91	143197m	0.421	ppbv	
61) Styrene	12.892	104	54180	0.328	ppbv	97
62) Isopropylbenzene	14.024	105	214544	0.409	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.043	83	97191m	0.363	ppbv	
64) n-propylbenzene	14.912	120	54530m	0.398	ppbv	
65) tert-Butylbenzene	16.088	119	190258	0.407	ppbv	96
66) Benzyl Chloride	16.342	91	10321m	0.336	ppbv	
67) sec-Butylbenzene	16.629	105	262560m	0.397	ppbv	
69) p-Isopropyltoluene	16.992	119	215940	0.396	ppbv	98
70) n-Butylbenzene	17.886	91	212575	0.381	ppbv	99
71) 2-Chlorotoluene	14.799	91	161067	0.413	ppbv	99
72) 4-Ethyltoluene	15.191	105	149868	0.370	ppbv #	93
73) 1,3,5-Trimethylbenzene	15.352	105	140429m	0.405	ppbv	
74) 1,2,4-Trimethylbenzene	16.101	105	165986	0.425	ppbv #	90
75) 1,3-Dichlorobenzene	16.333	146	102939m	0.444	ppbv	
76) 1,4-Dichlorobenzene	16.465	146	111185m	0.482	ppbv	
77) 1,2-Dichlorobenzene	17.143	146	104861	0.444	ppbv	96
78) Hexachloro-1,3-Butadiene	22.628	225	102506m	0.597	ppbv	
79) Naphthalene	21.384	128	126192	0.601	ppbv	97
80) Naphthalene,2-methyl-	24.377	142	58719	106.249	ppbv	95
81) 1,2,4-Trichlorobenzene	21.143	180	82930m	0.639	ppbv	

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



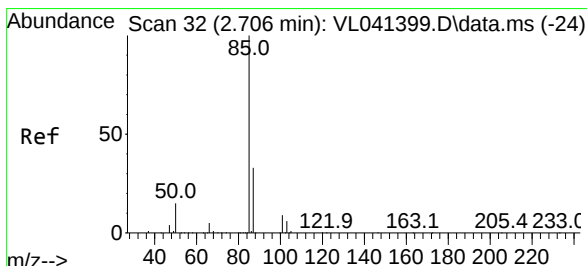
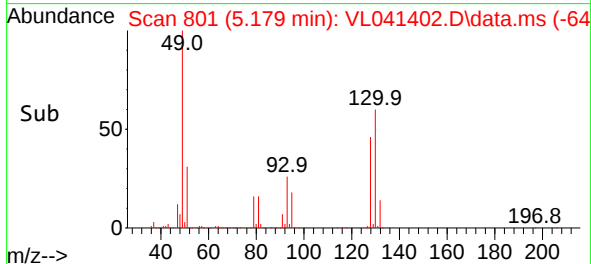
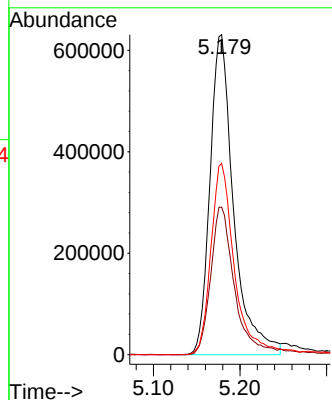
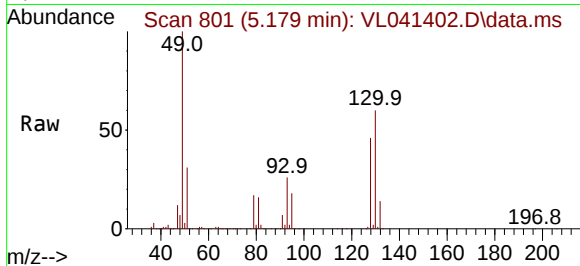
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.179 min Scan# 800
Delta R.T. 0.003 min
Lab File: VL041402.D
Acq: 25 Jul 2024 16:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 49 Resp: 119804
Ion Ratio Lower Upper
49 100
128 47.8 23.8 71.4
130 61.2 30.8 92.4

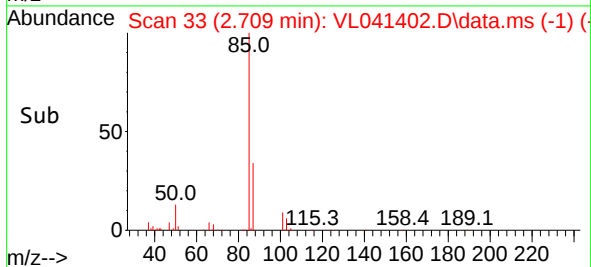
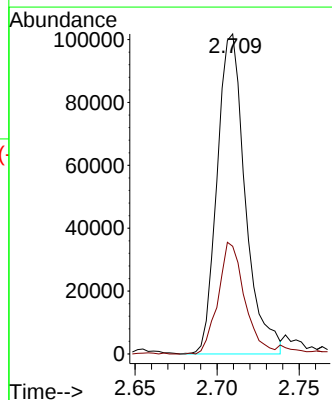
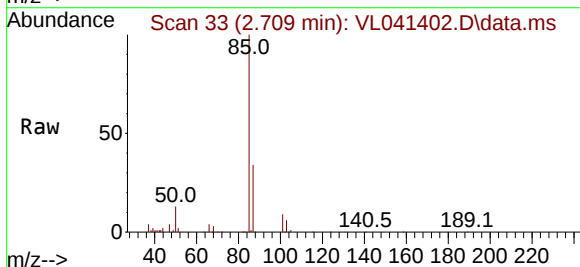
Manual Integrations
APPROVED

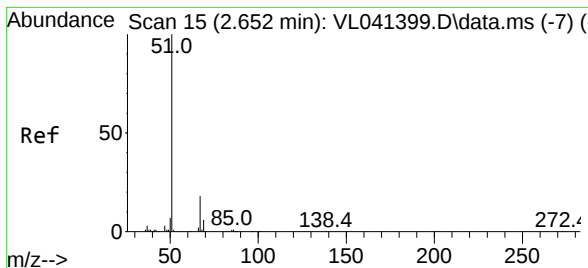
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024



#2
Dichlorodifluoromethane
Concen: 0.593 ppbv
RT: 2.709 min Scan# 33
Delta R.T. 0.003 min
Lab File: VL041402.D
Acq: 25 Jul 2024 16:00

Tgt Ion: 85 Resp: 121223
Ion Ratio Lower Upper
85 100
87 33.6 26.0 39.0





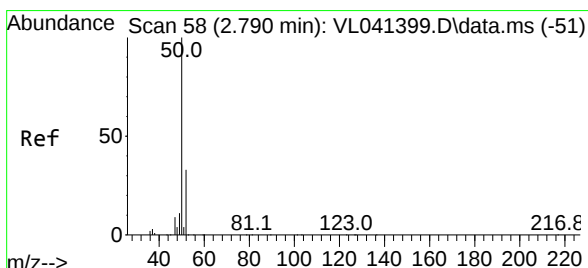
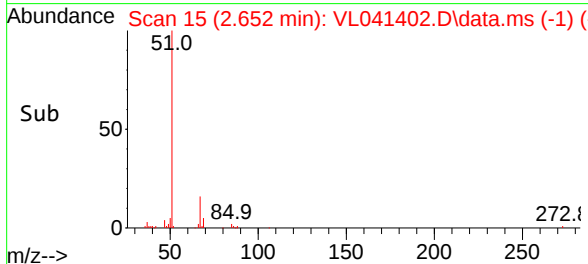
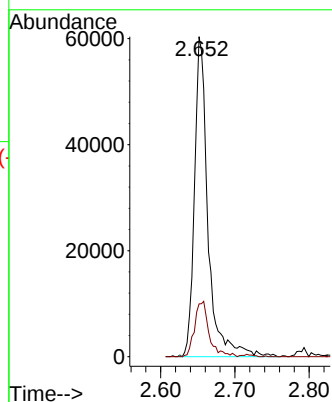
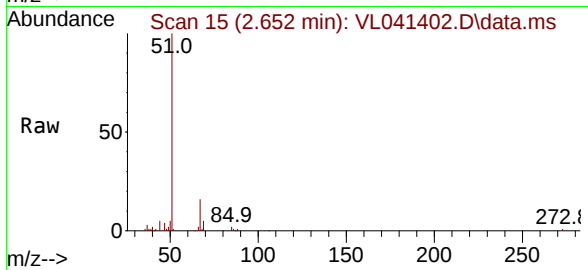
#3
Chlorodifluoromethane
Concen: 0.370 ppbv
RT: 2.652 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL041402.D
Acq: 25 Jul 2024 16:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 51 Resp: 7648
Ion Ratio Lower Upper
51 100
67 18.5 14.5 21.7

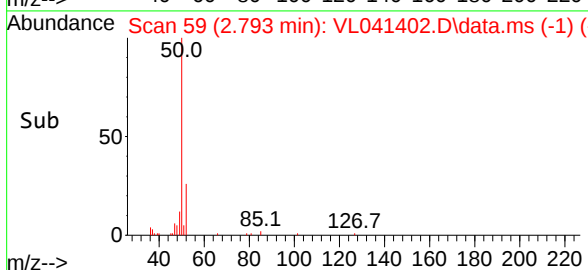
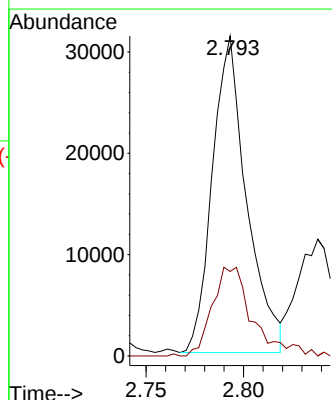
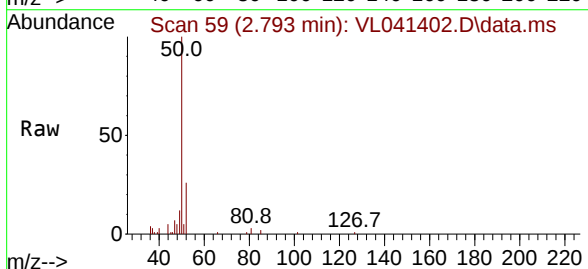
Manual Integrations
APPROVED

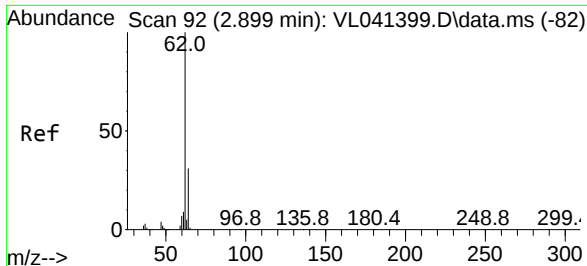
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024



#4
Chloromethane
Concen: 0.485 ppbv
RT: 2.793 min Scan# 59
Delta R.T. 0.003 min
Lab File: VL041402.D
Acq: 25 Jul 2024 16:00

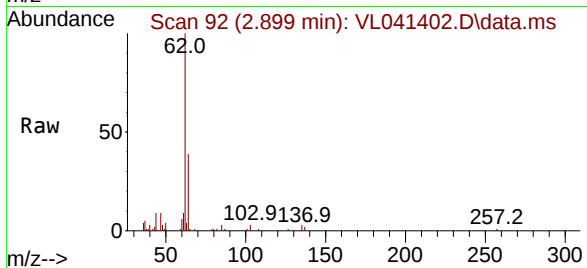
Tgt Ion: 50 Resp: 38283
Ion Ratio Lower Upper
50 100
52 26.7 26.1 39.1





#5
 Vinyl Chloride
 Concen: 0.414 ppbv
 RT: 2.899 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VL041402.D
 Acq: 25 Jul 2024 16:00

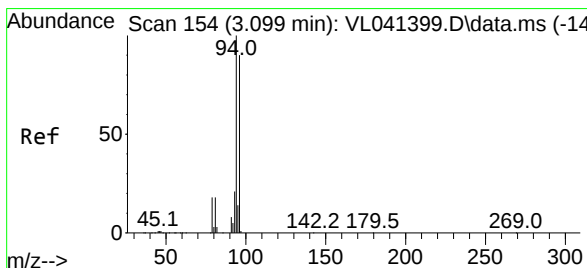
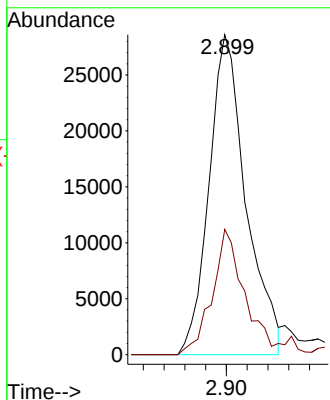
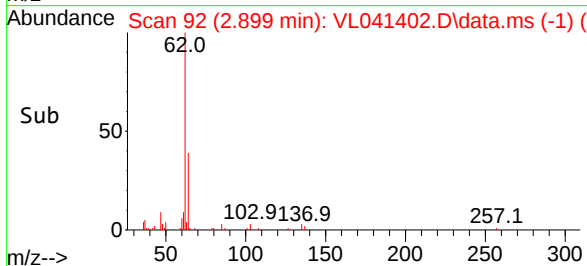
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



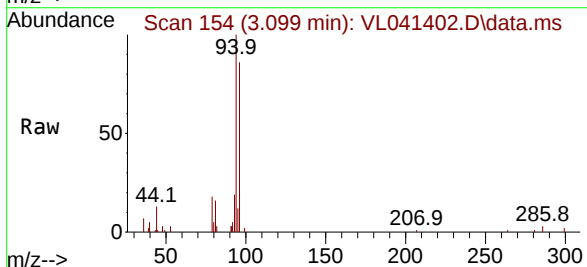
Tgt Ion: 62 Resp: 35294
 Ion Ratio Lower Upper
 62 100
 64 39.1 25.0 37.4

Manual Integrations
 APPROVED

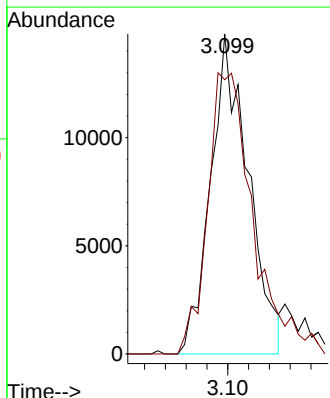
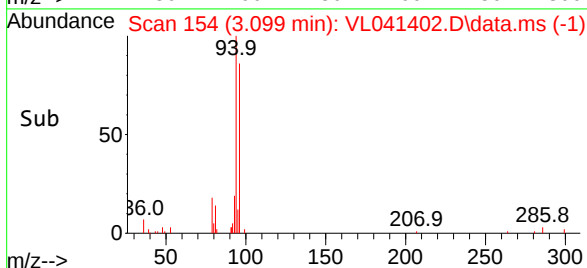
Reviewed By :Semsettin Yesilyurt 07/26/2024
 Supervised By :Mahesh Dadoda 07/29/2024

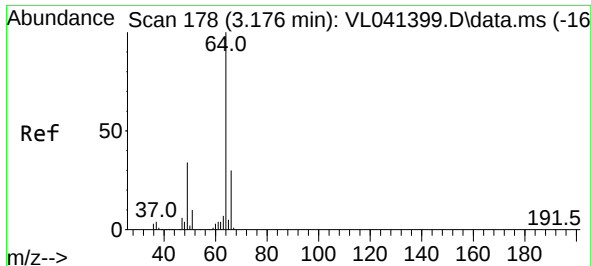


#6
 Bromomethane
 Concen: 0.689 ppbv
 RT: 3.099 min Scan# 154
 Delta R.T. -0.000 min
 Lab File: VL041402.D
 Acq: 25 Jul 2024 16:00



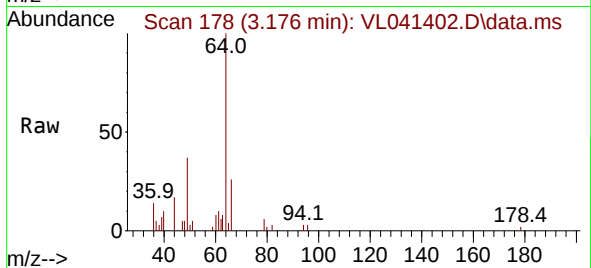
Tgt Ion: 94 Resp: 18597
 Ion Ratio Lower Upper
 94 100
 96 85.7 72.3 108.5





#7
Chloroethane
Concen: 0.455 ppbv m
RT: 3.176 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL041402.D
Acq: 25 Jul 2024 16:00

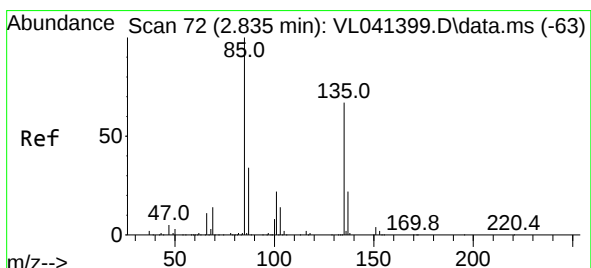
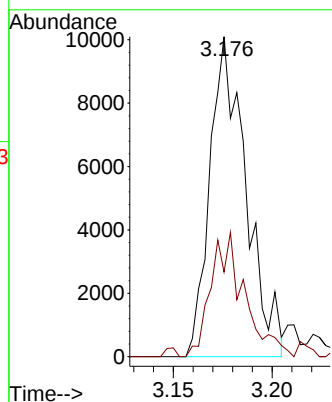
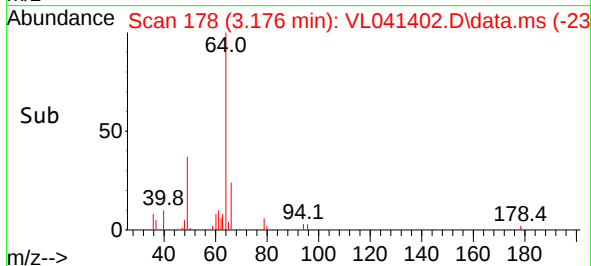
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



Tgt Ion: 64 Resp: 12829
Ion Ratio Lower Upper
64 100
66 26.5 24.2 36.2

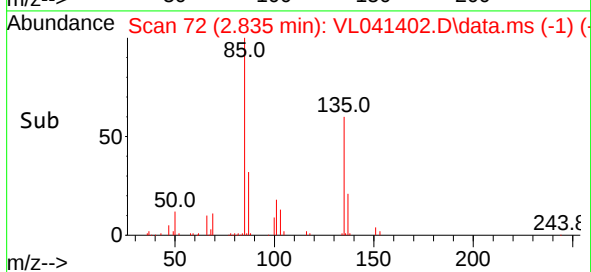
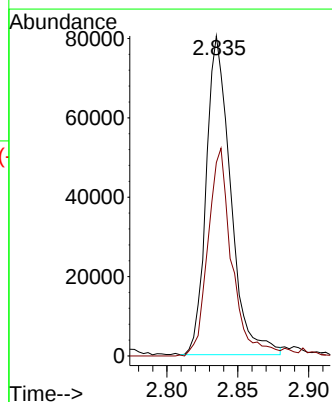
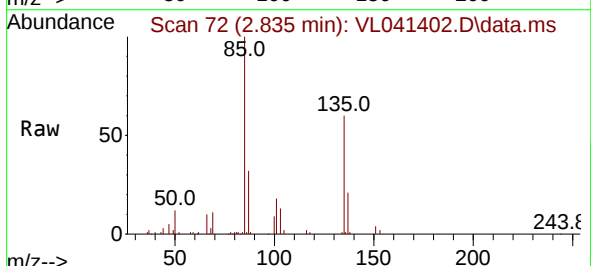
Manual Integrations
APPROVED

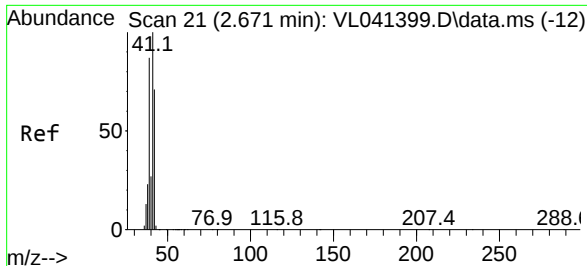
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024



#8
Dichlorotetrafluoroethane
Concen: 0.485 ppbv
RT: 2.835 min Scan# 72
Delta R.T. -0.000 min
Lab File: VL041402.D
Acq: 25 Jul 2024 16:00

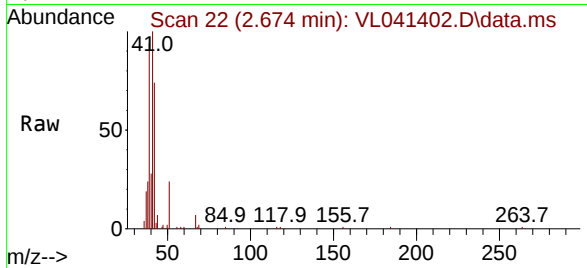
Tgt Ion: 85 Resp: 96423
Ion Ratio Lower Upper
85 100
135 66.2 55.4 83.0





#9
 Propene
 Concen: 0.497 ppbv
 RT: 2.674 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VL041402.D
 Acq: 25 Jul 2024 16:00

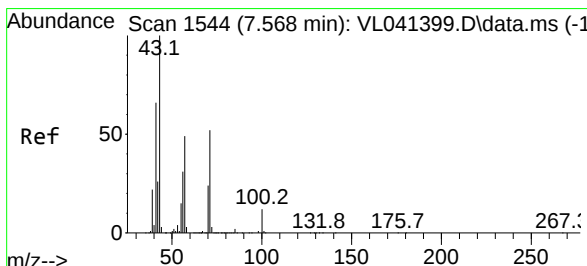
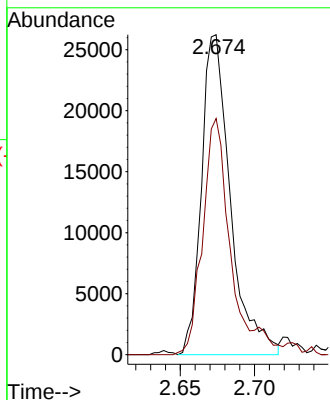
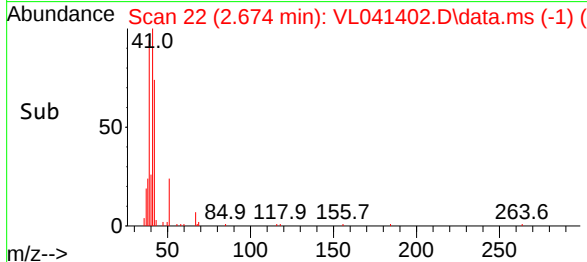
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



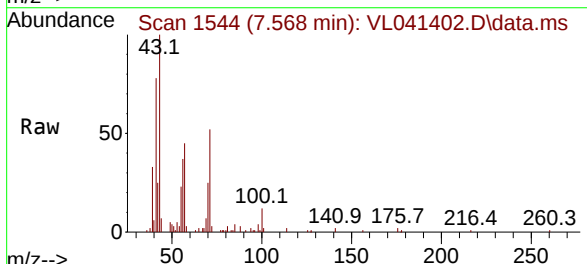
Tgt Ion: 41 Resp: 3554
 Ion Ratio Lower Upper
 41 100
 42 73.6 55.9 83.9

Manual Integrations
 APPROVED

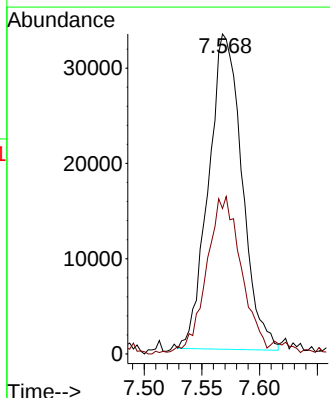
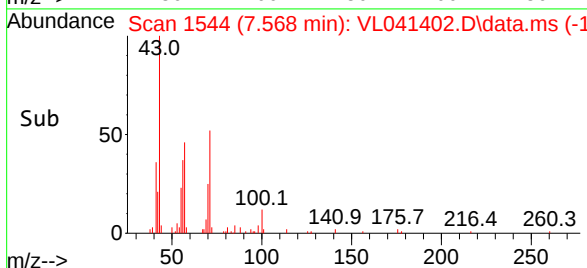
Reviewed By :Semsettin Yesilyurt 07/26/2024
 Supervised By :Mahesh Dadoda 07/29/2024

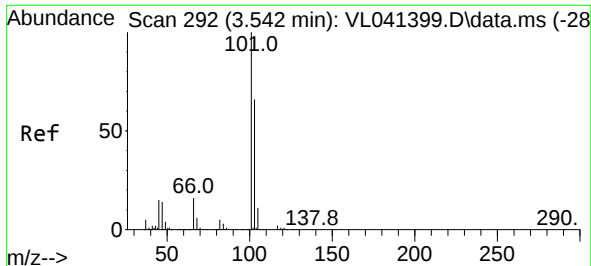


#10
 Heptane
 Concen: 0.398 ppbv
 RT: 7.568 min Scan# 1544
 Delta R.T. -0.000 min
 Lab File: VL041402.D
 Acq: 25 Jul 2024 16:00



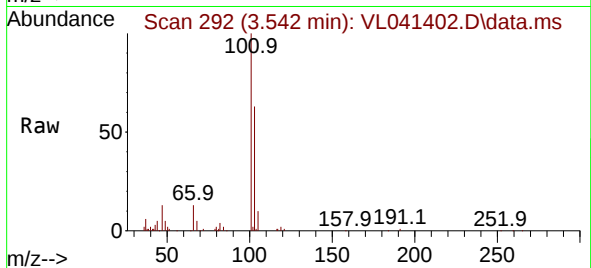
Tgt Ion: 43 Resp: 66812
 Ion Ratio Lower Upper
 43 100
 57 55.3 40.5 60.7





#11
Trichlorofluoromethane
Concen: 0.464 ppbv
RT: 3.542 min Scan# 292
Delta R.T. -0.000 min
Lab File: VL041402.D
Acq: 25 Jul 2024 16:00

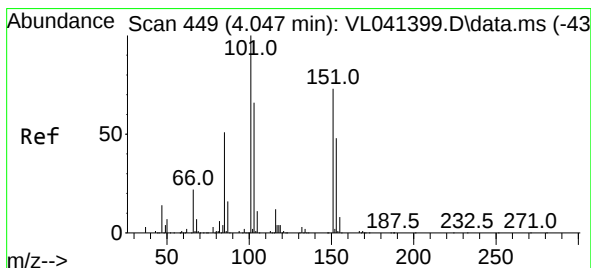
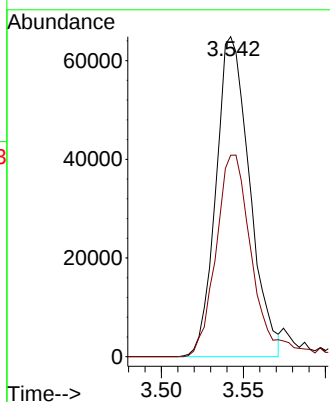
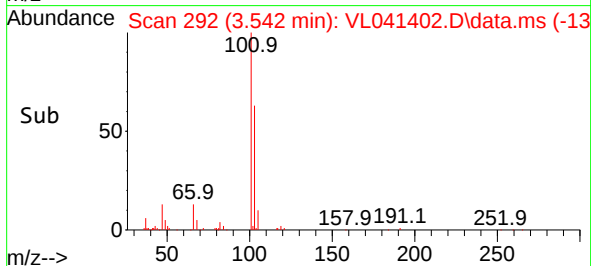
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



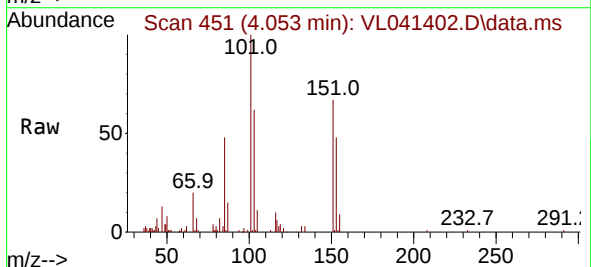
Tgt Ion:101 Resp: 92339
Ion Ratio Lower Upper
101 100
103 62.9 52.6 79.0

Manual Integrations
APPROVED

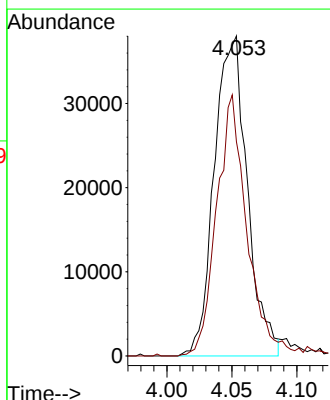
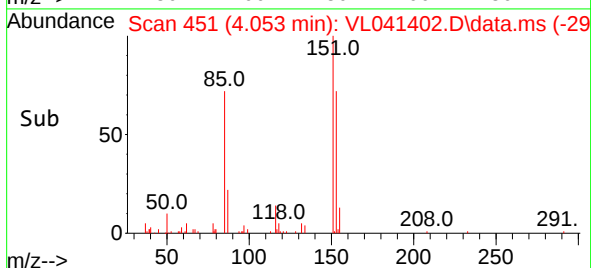
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024

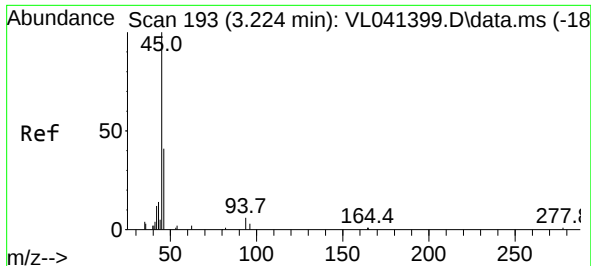


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.482 ppbv
RT: 4.053 min Scan# 451
Delta R.T. 0.006 min
Lab File: VL041402.D
Acq: 25 Jul 2024 16:00



Tgt Ion:101 Resp: 67197
Ion Ratio Lower Upper
101 100
151 77.1 59.4 89.2





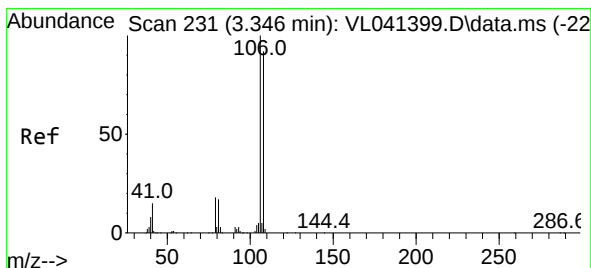
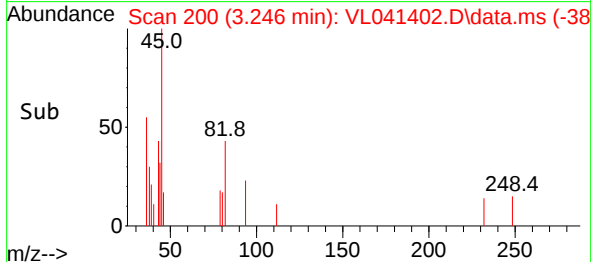
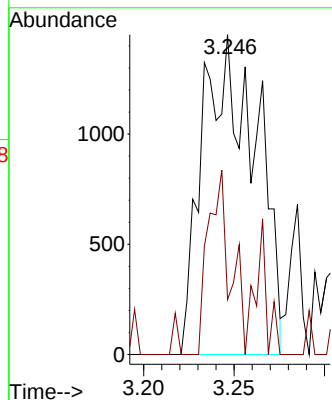
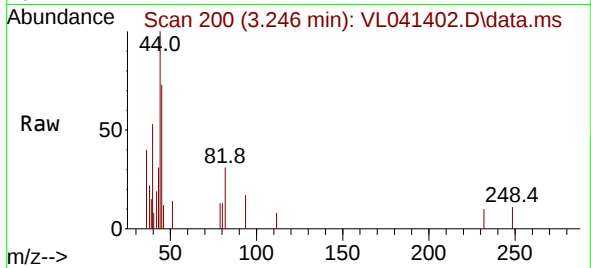
#13
Ethanol
Concen: 0.189 ppbv m
RT: 3.246 min Scan# 200
Delta R.T. 0.022 min
Lab File: VL041402.D
Acq: 25 Jul 2024 16:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 45 Resp: 2992
Ion Ratio Lower Upper
45 100
46 24.9 13.4 53.4

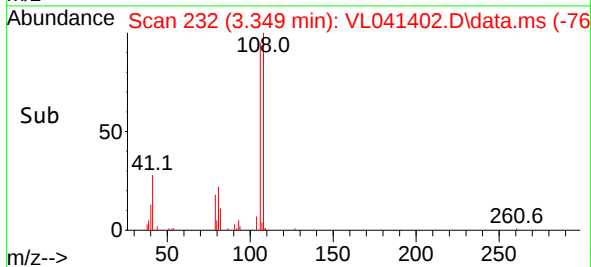
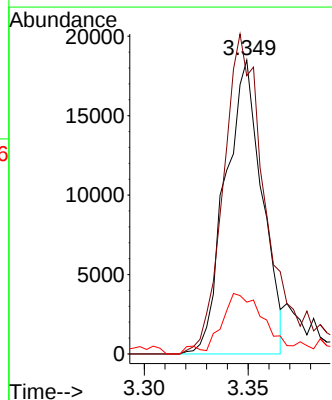
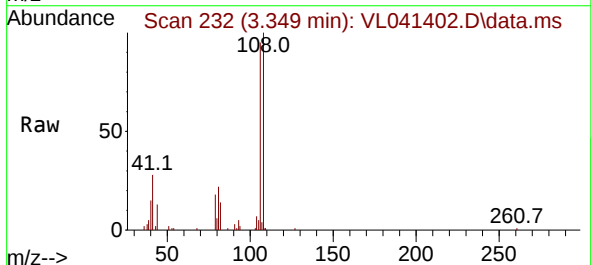
Manual Integrations
APPROVED

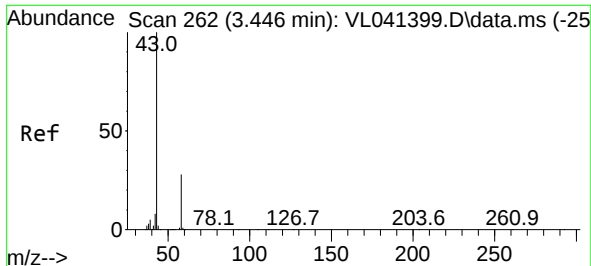
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024



#14
Bromoethene
Concen: 0.406 ppbv
RT: 3.349 min Scan# 232
Delta R.T. 0.003 min
Lab File: VL041402.D
Acq: 25 Jul 2024 16:00

Tgt Ion:108 Resp: 22722
Ion Ratio Lower Upper
108 100
106 135.6 86.9 130.3#
79 27.2 16.2 24.4#





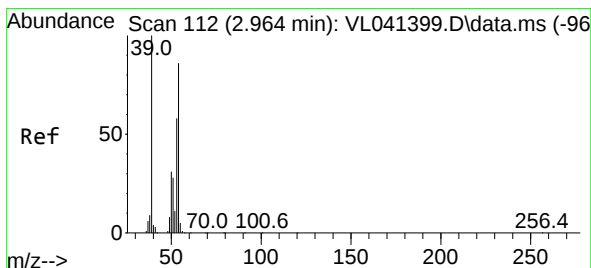
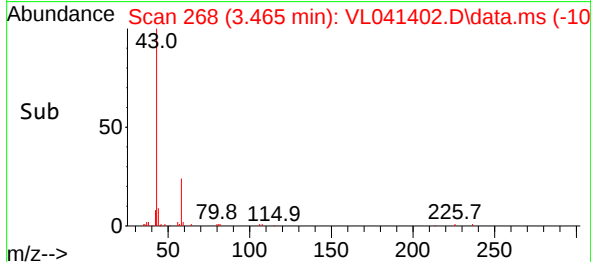
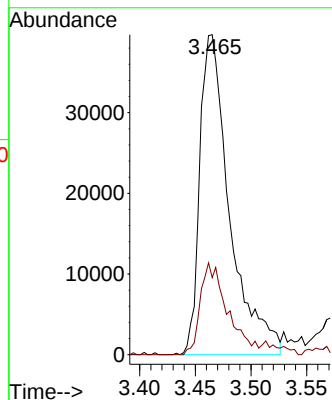
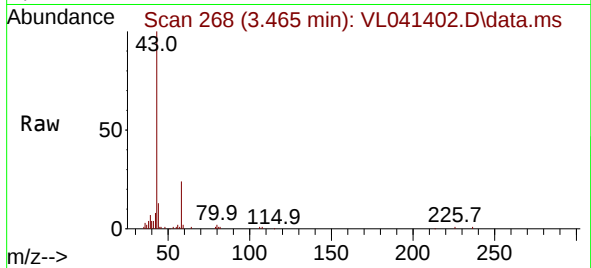
#15
Acetone
Concen: 0.468 ppbv
RT: 3.465 min Scan# 20
Delta R.T. 0.019 min
Lab File: VL041402.D
Acq: 25 Jul 2024 16:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 43 Resp: 74008
Ion Ratio Lower Upper
43 100
58 28.6 21.4 32.2

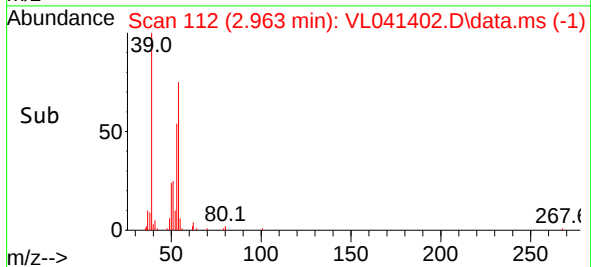
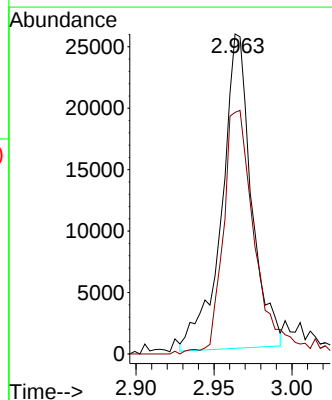
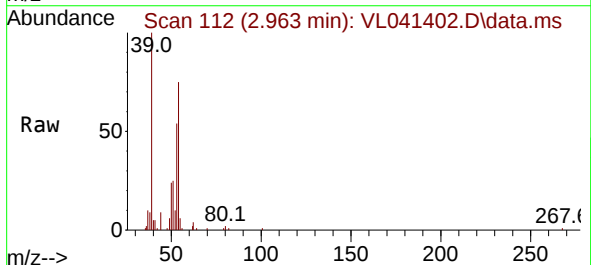
Manual Integrations
APPROVED

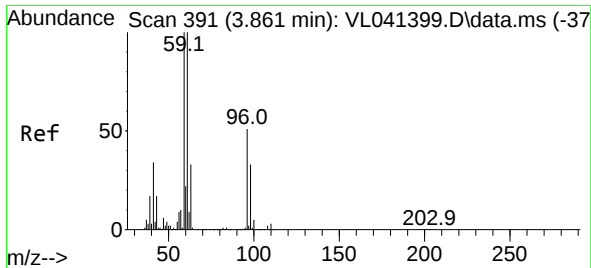
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024



#16
1,3-Butadiene
Concen: 0.451 ppbv
RT: 2.963 min Scan# 112
Delta R.T. -0.000 min
Lab File: VL041402.D
Acq: 25 Jul 2024 16:00

Tgt Ion: 39 Resp: 33970
Ion Ratio Lower Upper
39 100
54 86.1 62.5 93.7





#17

tert-Butyl alcohol

Concen: 0.477 ppbv

RT: 3.877 min Scan# 391

Delta R.T. 0.016 min

Lab File: VL041402.D

Acq: 25 Jul 2024 16:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tgt Ion: 59 Resp: 58214

Ion Ratio Lower Upper

59 100

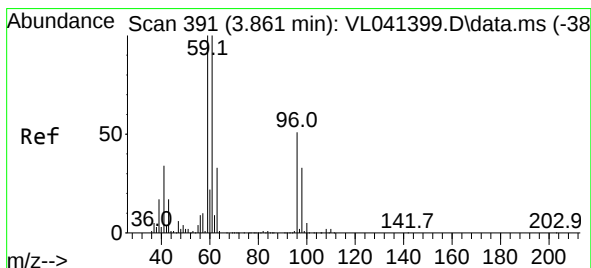
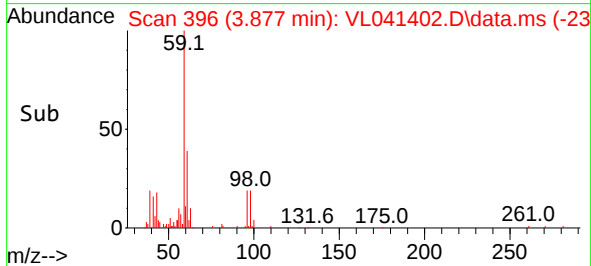
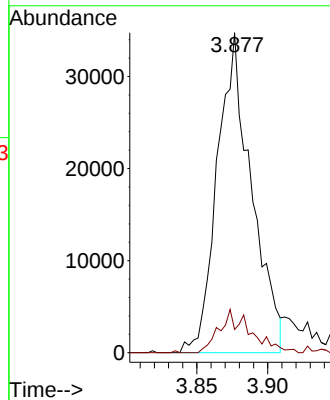
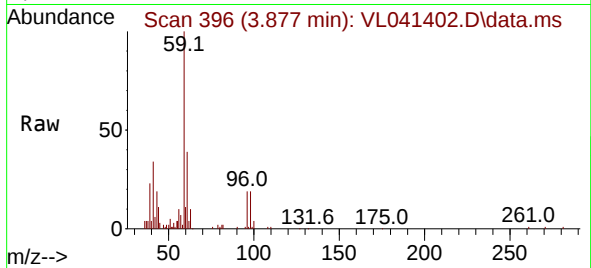
57 12.3 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/26/2024

Supervised By :Mahesh Dadoda 07/29/2024



#18

1,1-Dichloroethene

Concen: 0.472 ppbv

RT: 3.864 min Scan# 392

Delta R.T. 0.003 min

Lab File: VL041402.D

Acq: 25 Jul 2024 16:00

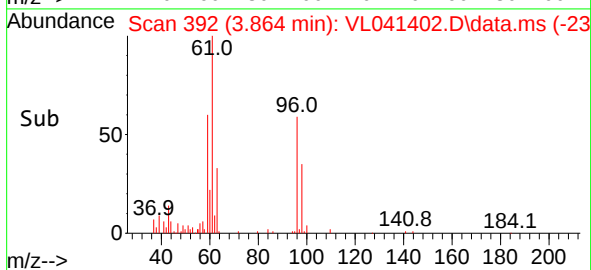
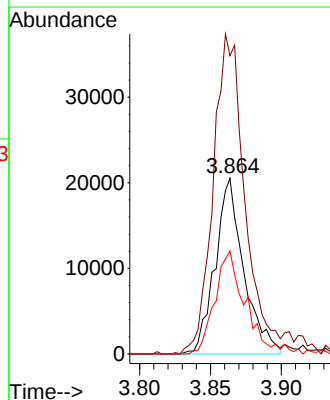
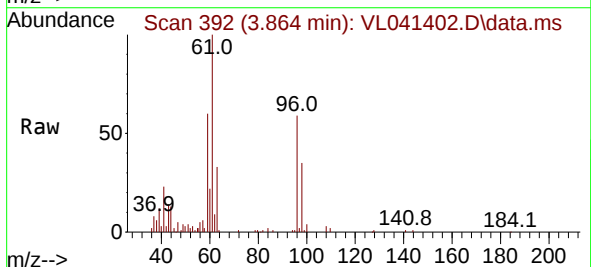
Tgt Ion: 96 Resp: 28949

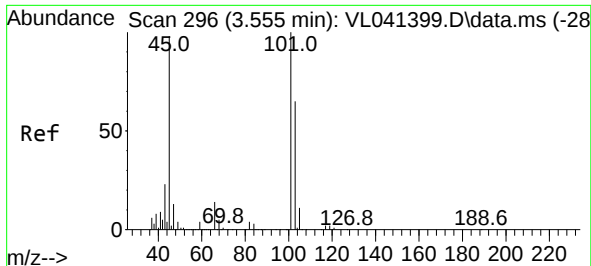
Ion Ratio Lower Upper

96 100

61 169.8 157.5 236.3

98 58.6 51.2 76.8





#19

Isopropyl Alcohol

Concen: 0.393 ppbv

RT: 3.574 min Scan# 302

Delta R.T. 0.019 min

Lab File: VL041402.D

Acq: 25 Jul 2024 16:00

Instrument :

MSVOA_L

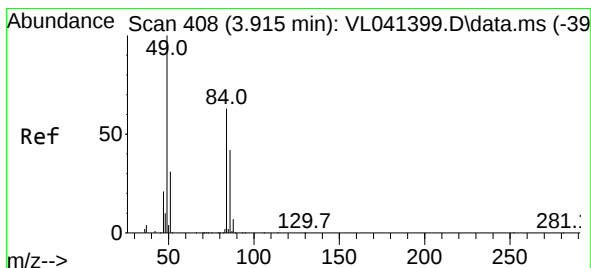
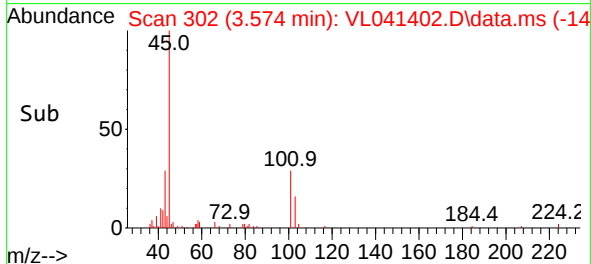
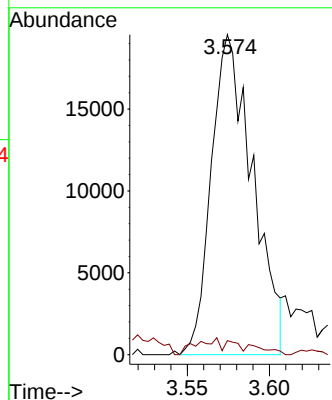
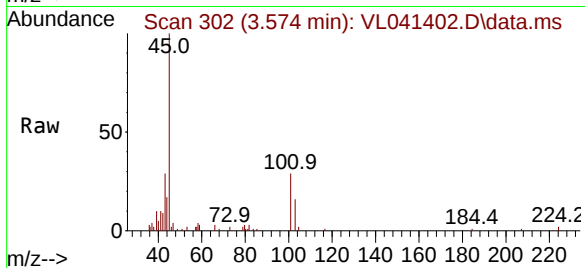
ClientSampleId :

VSTDICC0.5

Tgt Ion: 45 Resp: 3413
 Ion Ratio Lower Upper
 45 100
 58 4.2 1.9 2.9

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/26/2024
 Supervised By :Mahesh Dadoda 07/29/2024



#20

Methylene Chloride

Concen: 0.482 ppbv

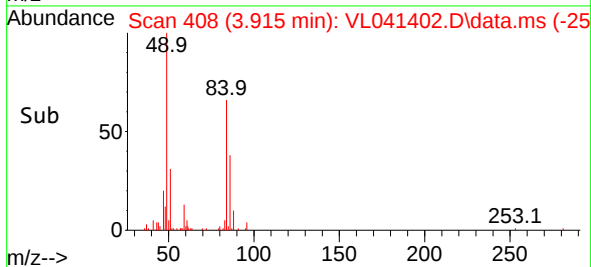
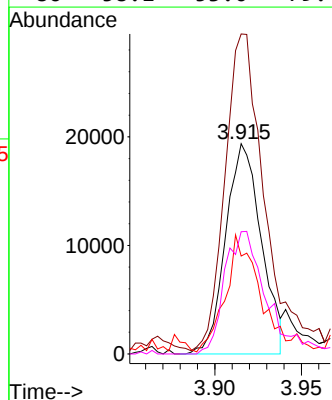
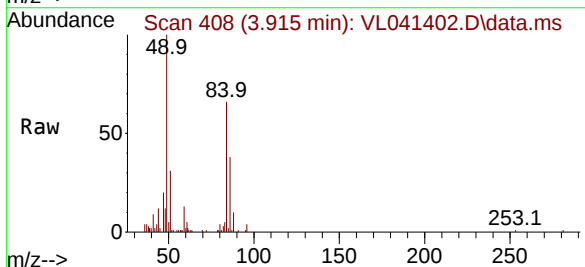
RT: 3.915 min Scan# 408

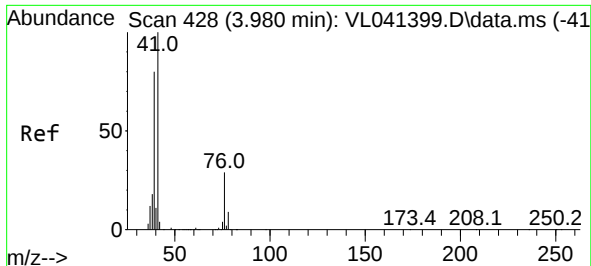
Delta R.T. -0.000 min

Lab File: VL041402.D

Acq: 25 Jul 2024 16:00

Tgt Ion: 84 Resp: 27679
 Ion Ratio Lower Upper
 84 100
 49 149.1 126.6 190.0
 51 41.0 38.6 58.0
 86 58.1 53.0 79.4





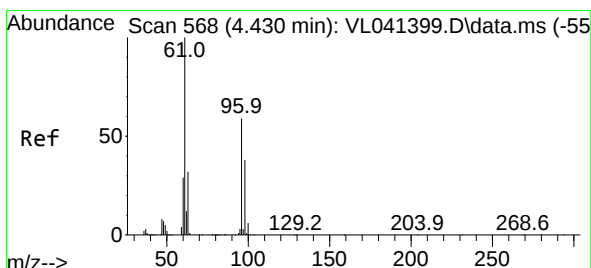
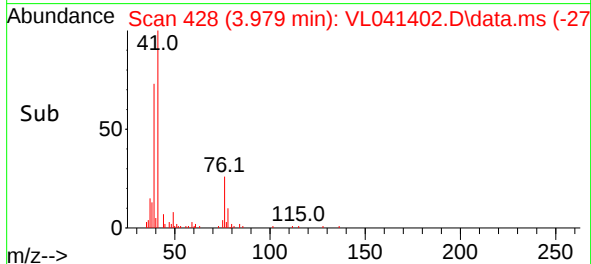
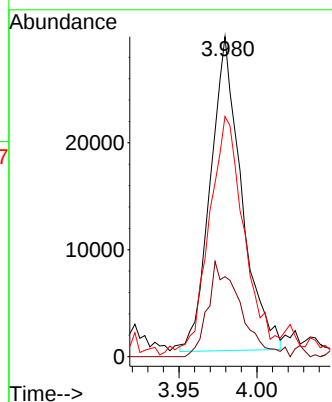
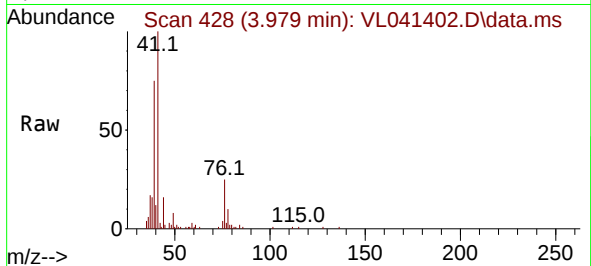
#21
 Allyl Chloride
 Concen: 0.428 ppbv
 RT: 3.979 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL041402.D
 Acq: 25 Jul 2024 16:00

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tgt Ion: 41 Resp: 40810
 Ion Ratio Lower Upper
 41 100
 76 31.5 23.7 35.5
 39 91.0 64.3 96.5

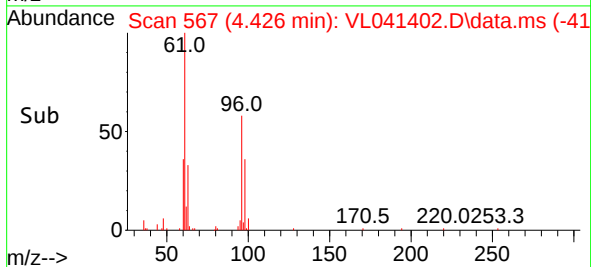
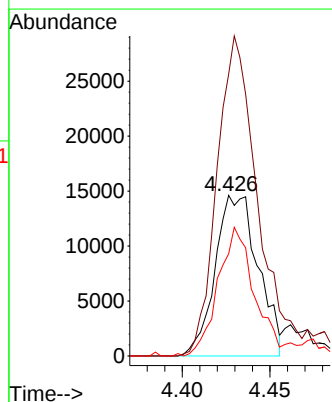
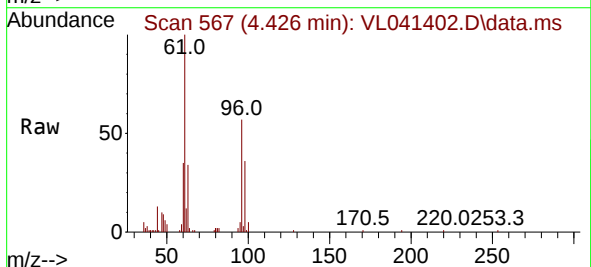
Manual Integrations
 APPROVED

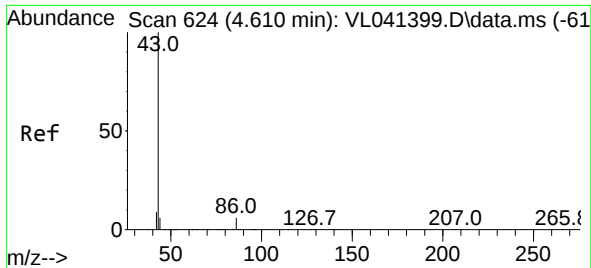
Reviewed By :Semsettin Yesilyurt 07/26/2024
 Supervised By :Mahesh Dadoda 07/29/2024



#22
 trans-1,2-Dichloroethene
 Concen: 0.410 ppbv m
 RT: 4.426 min Scan# 567
 Delta R.T. -0.003 min
 Lab File: VL041402.D
 Acq: 25 Jul 2024 16:00

Tgt Ion: 96 Resp: 24938
 Ion Ratio Lower Upper
 96 100
 61 175.5 135.4 203.2
 98 63.7 51.0 76.4





#23
 Vinyl Acetate
 Concen: 0.313 ppbv
 RT: 4.616 min Scan# 61
 Delta R.T. 0.006 min
 Lab File: VL041402.D
 Acq: 25 Jul 2024 16:00

Instrument :

MSVOA_L

ClientSampleId :

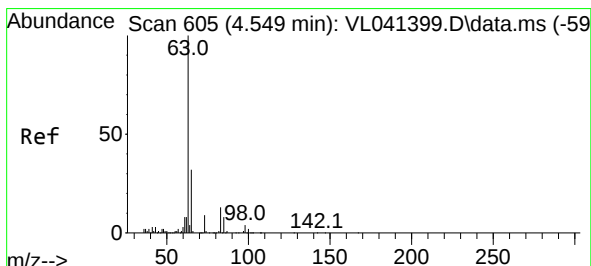
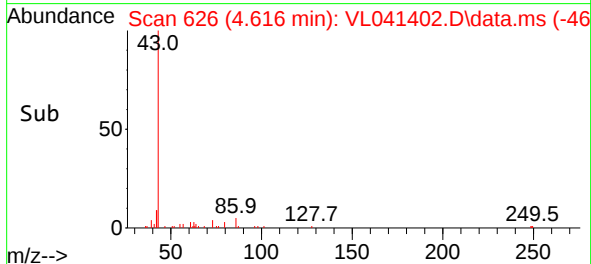
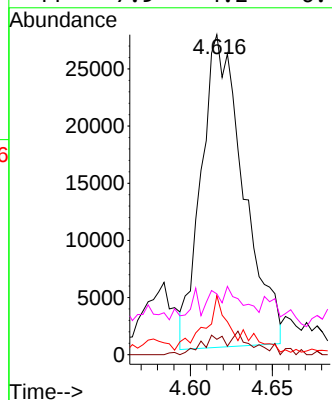
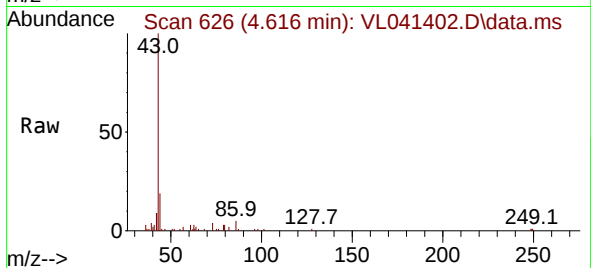
VSTDIC0.5

Tgt Ion: 43 Resp: 48820
 Ion Ratio Lower Upper
 43 100
 86 5.3 4.6 6.8
 42 19.5 7.9 11.9
 44 7.9 4.2 6.4#

Manual Integrations

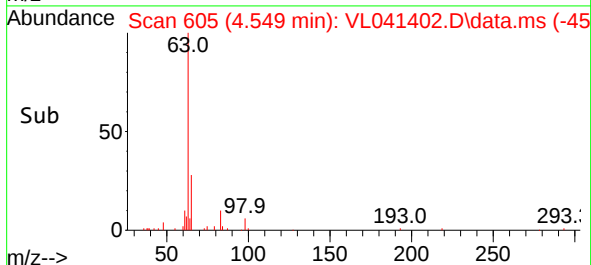
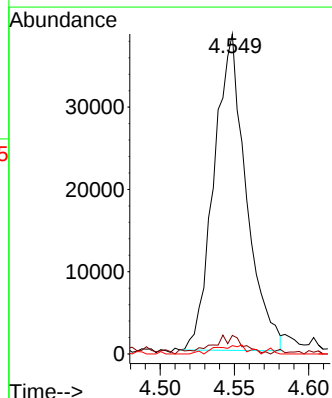
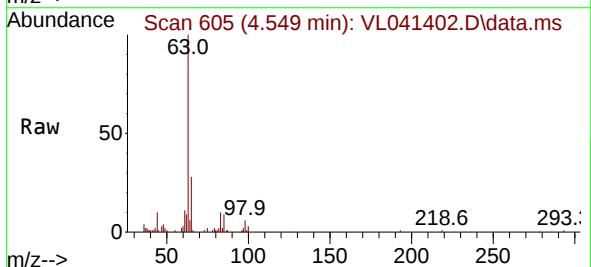
APPROVED

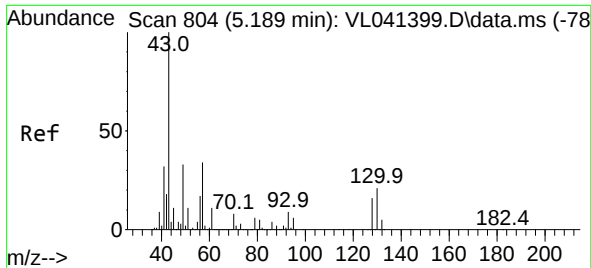
Reviewed By :Semsettin Yesilyurt 07/26/2024
 Supervised By :Mahesh Dadoda 07/29/2024



#24
 1,1-Dichloroethane
 Concen: 0.430 ppbv
 RT: 4.549 min Scan# 605
 Delta R.T. -0.000 min
 Lab File: VL041402.D
 Acq: 25 Jul 2024 16:00

Tgt Ion: 63 Resp: 58174
 Ion Ratio Lower Upper
 63 100
 98 4.4 2.0 6.0
 100 2.6 1.2 3.6





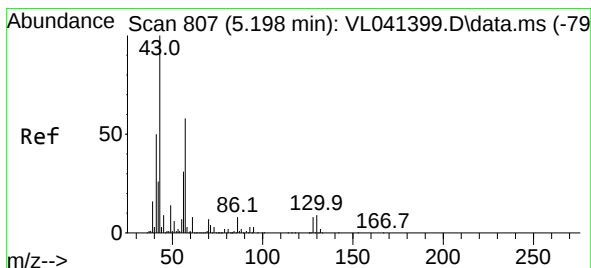
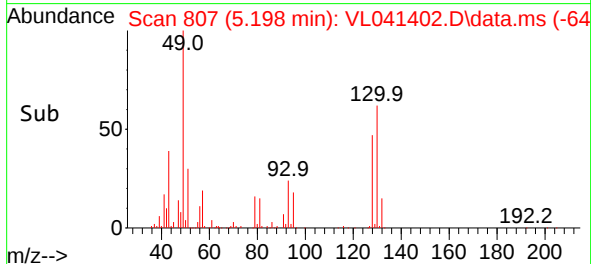
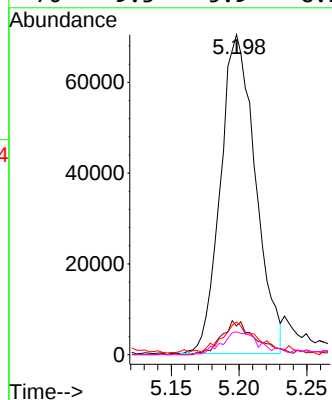
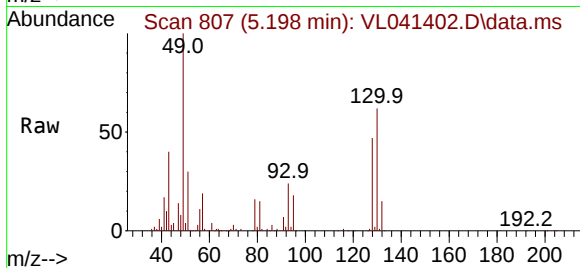
#25
Ethyl Acetate
Concen: 0.434 ppbv
RT: 5.198 min Scan# 807
Delta R.T. 0.010 min
Lab File: VL041402.D
Acq: 25 Jul 2024 16:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 43 Resp: 12656
Ion Ratio Lower Upper
43 100
45 10.9 8.5 12.7
61 12.2 8.0 12.0
70 9.3 5.9 8.9

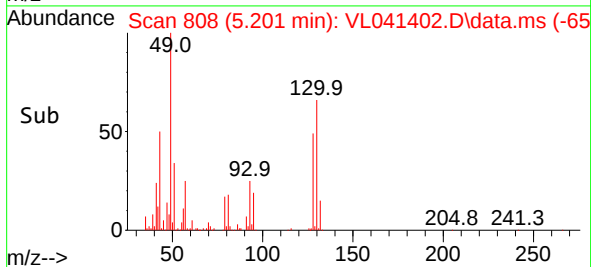
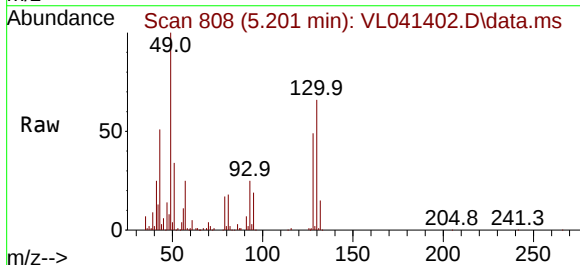
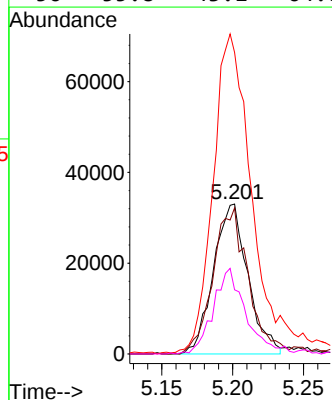
Manual Integrations
APPROVED

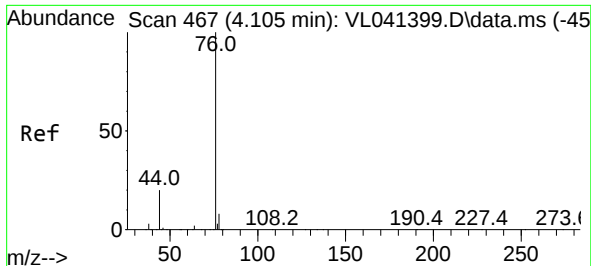
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024



#26
Hexane
Concen: 0.433 ppbv
RT: 5.201 min Scan# 808
Delta R.T. 0.003 min
Lab File: VL041402.D
Acq: 25 Jul 2024 16:00

Tgt Ion: 57 Resp: 55917
Ion Ratio Lower Upper
57 100
41 104.5 74.0 111.0
43 253.7 193.6 290.4
56 55.8 43.1 64.7





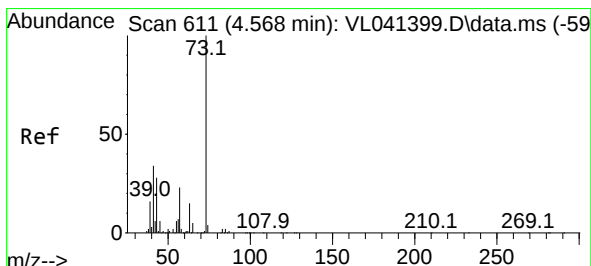
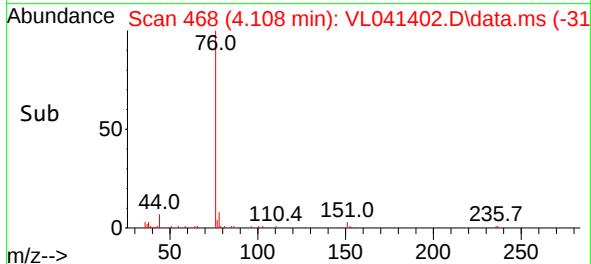
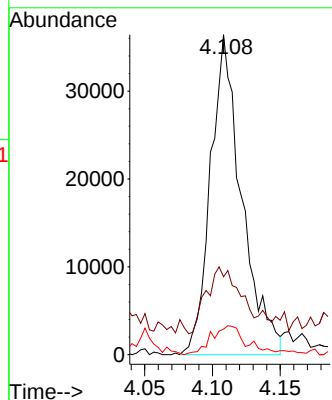
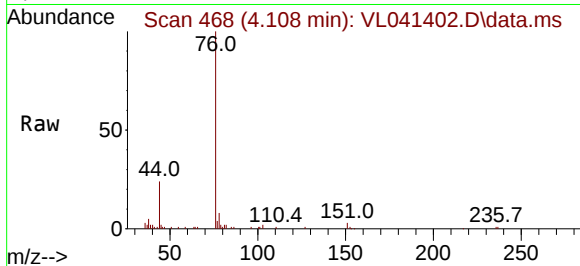
#27
Carbon Disulfide
Concen: 0.371 ppbv
RT: 4.108 min Scan# 410
Delta R.T. 0.003 min
Lab File: VL041402.D
Acq: 25 Jul 2024 16:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 76 Resp: 5828
Ion Ratio Lower Upper
76 100
44 26.1 15.6 23.4
78 10.8 7.7 11.5

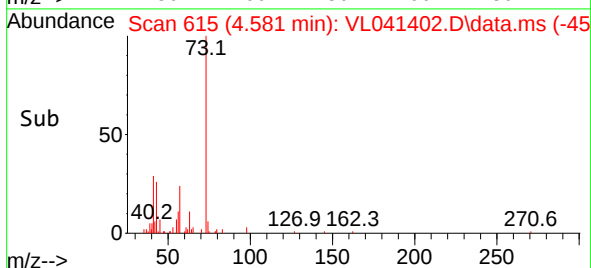
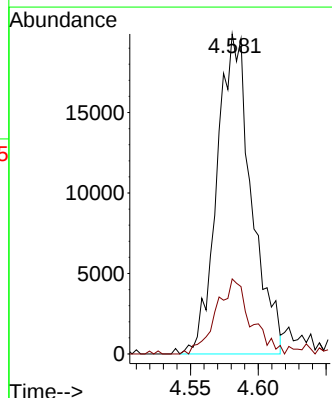
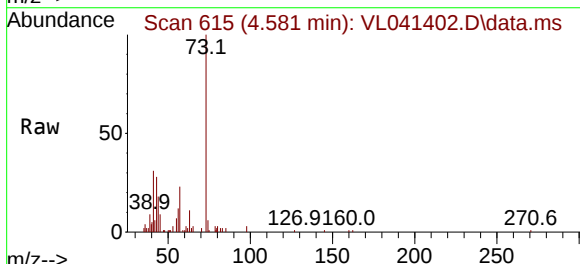
Manual Integrations
APPROVED

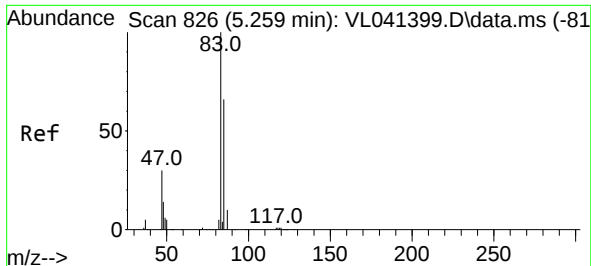
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024



#28
Methyl tert-Butyl Ether
Concen: 0.368 ppbv
RT: 4.581 min Scan# 615
Delta R.T. 0.013 min
Lab File: VL041402.D
Acq: 25 Jul 2024 16:00

Tgt Ion: 73 Resp: 35181
Ion Ratio Lower Upper
73 100
57 24.0 18.9 28.3





#29

Chloroform

Concen: 0.491 ppbv m

RT: 5.253 min Scan# 81

Delta R.T. -0.007 min

Lab File: VL041402.D

Acq: 25 Jul 2024 16:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion: 83 Resp: 9782

Ion Ratio Lower Upper

83 100

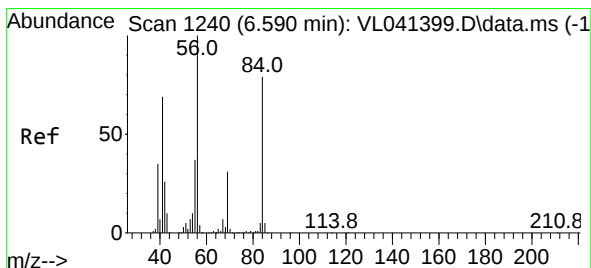
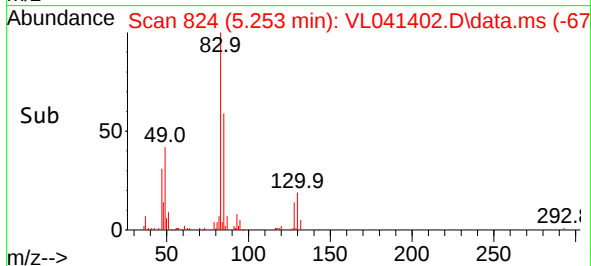
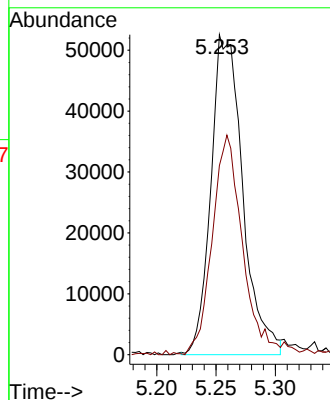
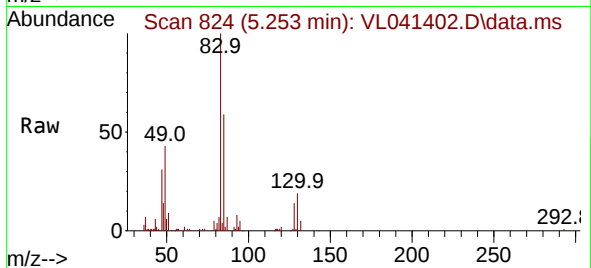
85 59.1 53.1 79.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/26/2024

Supervised By :Mahesh Dadoda 07/29/2024



#30

Cyclohexane

Concen: 0.382 ppbv m

RT: 6.587 min Scan# 1239

Delta R.T. -0.003 min

Lab File: VL041402.D

Acq: 25 Jul 2024 16:00

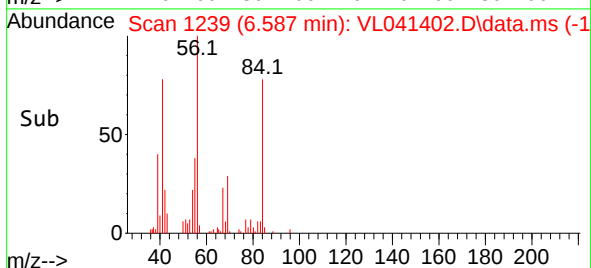
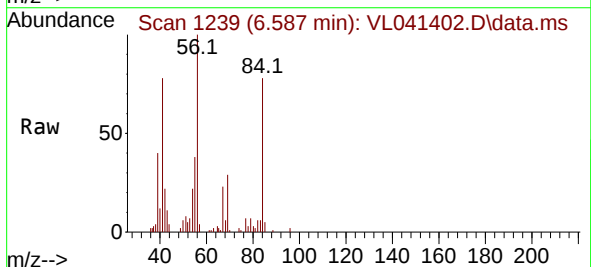
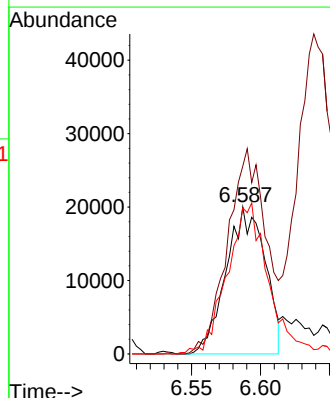
Tgt Ion: 84 Resp: 39310

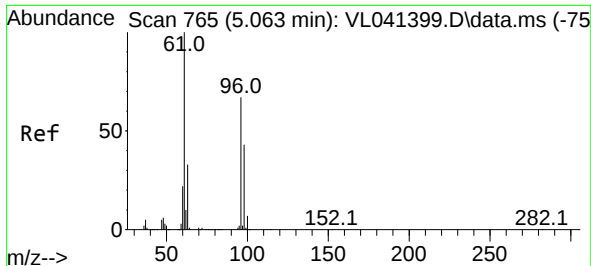
Ion Ratio Lower Upper

84 100

56 141.9 111.2 166.8

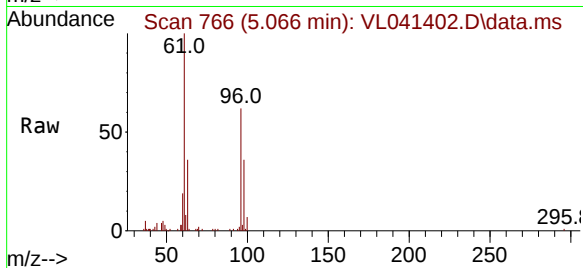
41 110.6 70.3 105.5#





#31
 cis-1,2-Dichloroethene
 Concen: 0.442 ppbv
 RT: 5.066 min Scan# 765
 Delta R.T. 0.003 min
 Lab File: VL041402.D
 Acq: 25 Jul 2024 16:00

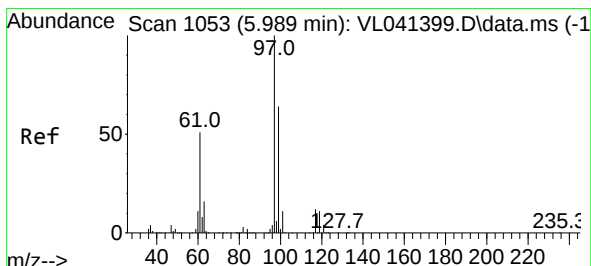
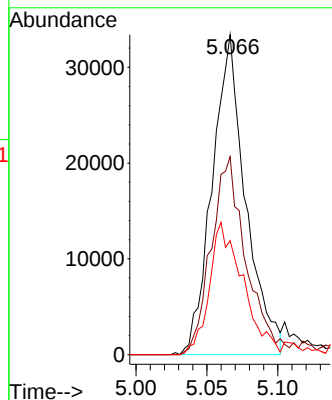
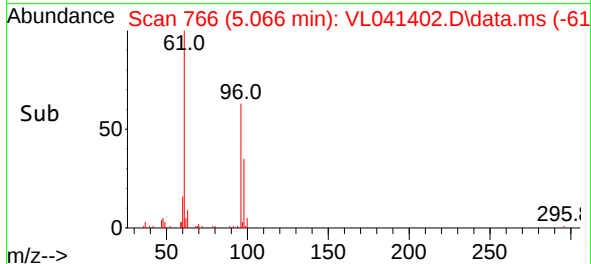
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



Tgt Ion: 61 Resp: 54702
 Ion Ratio Lower Upper
 61 100
 96 61.8 53.4 80.2
 98 35.6 34.4 51.6

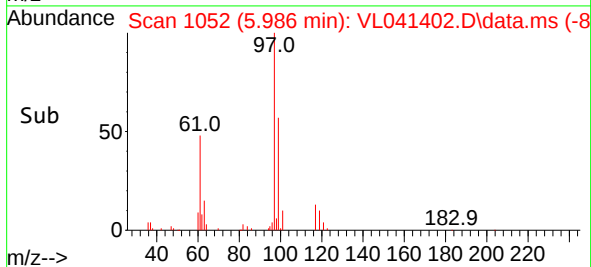
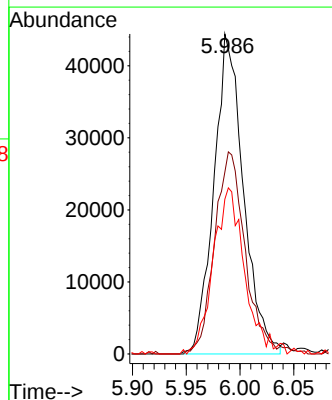
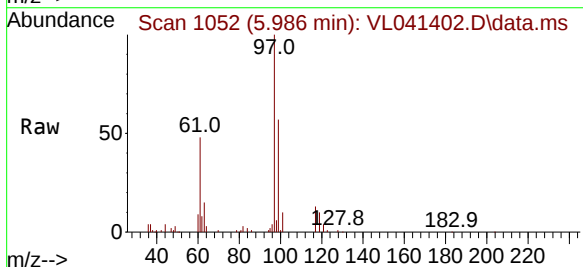
Manual Integrations
 APPROVED

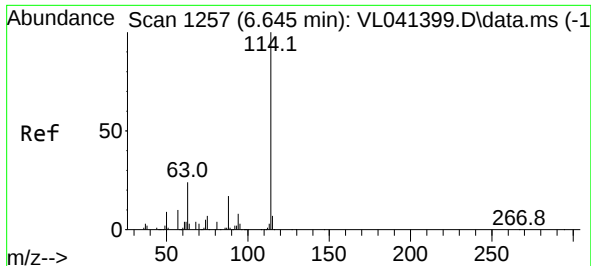
Reviewed By :Semsettin Yesilyurt 07/26/2024
 Supervised By :Mahesh Dadoda 07/29/2024



#32
 1,1,1-Trichloroethane
 Concen: 0.405 ppbv
 RT: 5.986 min Scan# 1052
 Delta R.T. -0.003 min
 Lab File: VL041402.D
 Acq: 25 Jul 2024 16:00

Tgt Ion: 97 Resp: 84630
 Ion Ratio Lower Upper
 97 100
 99 66.1 52.0 78.0
 61 55.7 41.8 62.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.642 min Scan# 114

Delta R.T. -0.003 min

Lab File: VL041402.D

Acq: 25 Jul 2024 16:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion:114 Resp: 332900

Ion Ratio Lower Upper

114 100

63 25.1 20.3 30.5

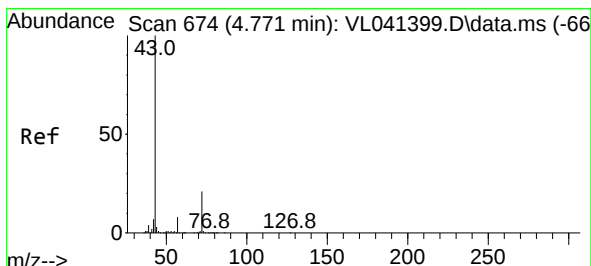
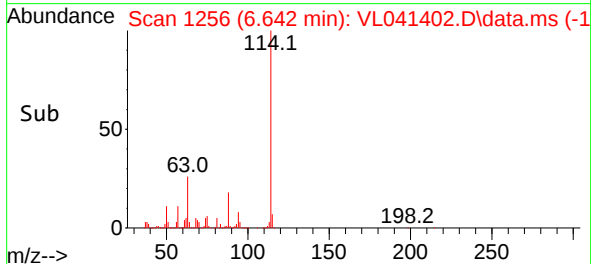
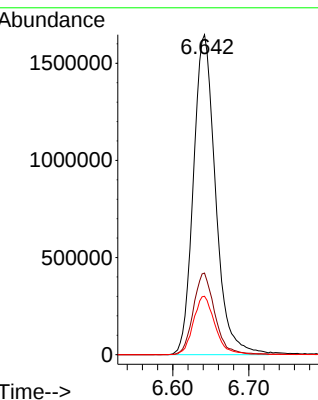
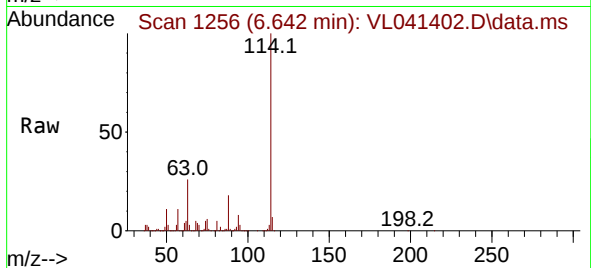
88 18.1 14.3 21.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/26/2024

Supervised By :Mahesh Dadoda 07/29/2024



#34

2-Butanone

Concen: 0.443 ppbv m

RT: 4.787 min Scan# 679

Delta R.T. 0.016 min

Lab File: VL041402.D

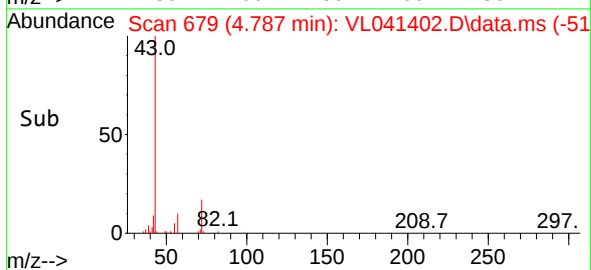
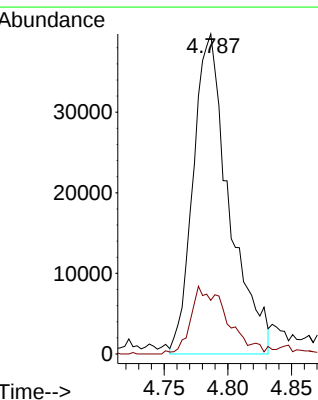
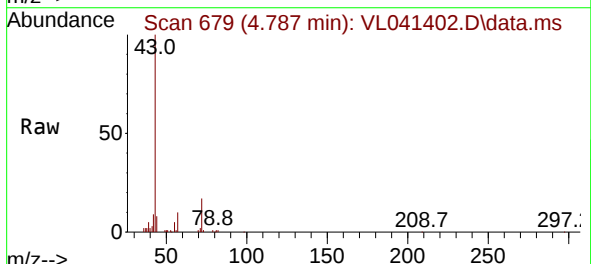
Acq: 25 Jul 2024 16:00

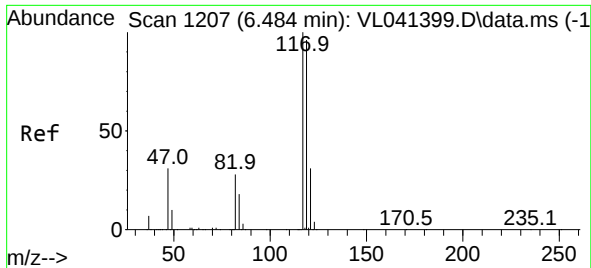
Tgt Ion: 43 Resp: 77880

Ion Ratio Lower Upper

43 100

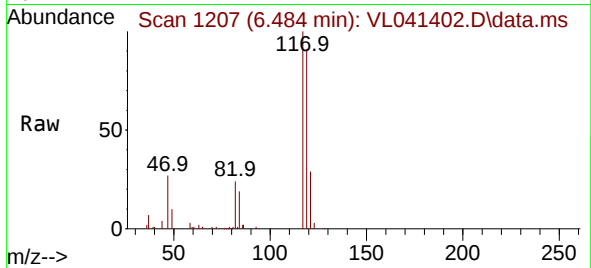
72 21.2 17.3 25.9





#35
Carbon Tetrachloride
Concen: 0.394 ppbv
RT: 6.484 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VL041402.D
Acq: 25 Jul 2024 16:00

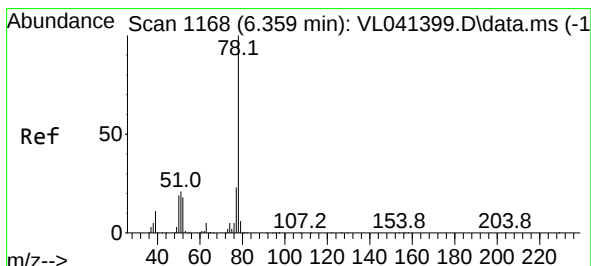
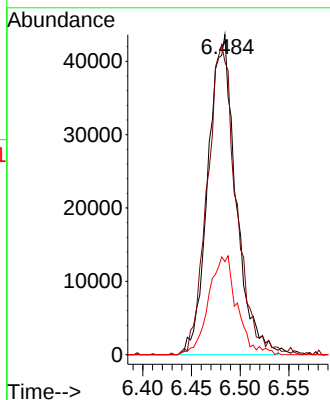
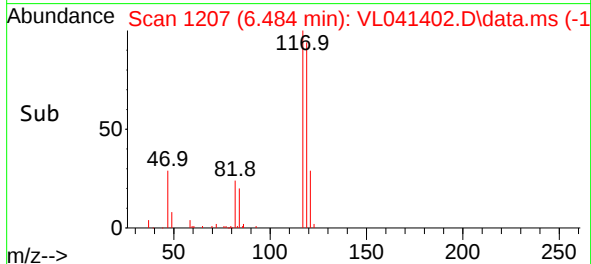
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion:117 Resp: 8667
Ion Ratio Lower Upper
117 100
119 91.5 76.6 115.0
121 29.1 25.1 37.7

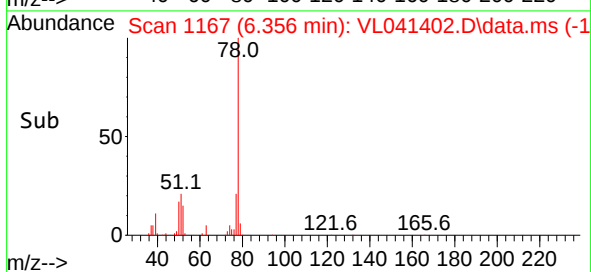
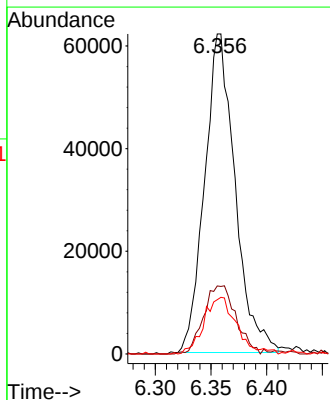
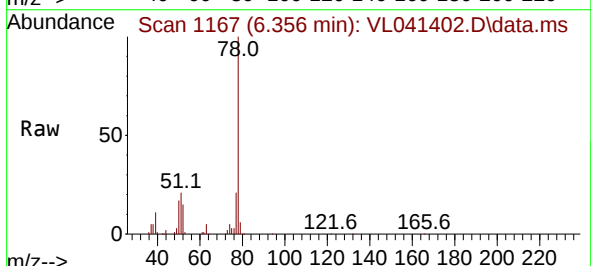
Manual Integrations
APPROVED

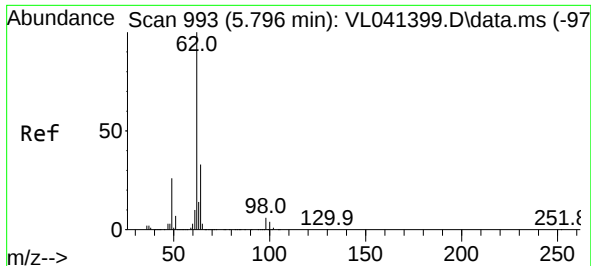
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024



#36
Benzene
Concen: 0.430 ppbv
RT: 6.356 min Scan# 1167
Delta R.T. -0.003 min
Lab File: VL041402.D
Acq: 25 Jul 2024 16:00

Tgt Ion: 78 Resp: 118364
Ion Ratio Lower Upper
78 100
77 20.9 18.1 27.1
50 17.0 15.5 23.3





#37

1,2-Dichloroethane

Concen: 0.422 ppbv

RT: 5.790 min Scan# 993

Delta R.T. -0.007 min

Lab File: VL041402.D

Acq: 25 Jul 2024 16:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion: 62 Resp: 66690

Ion Ratio Lower Upper

62 100

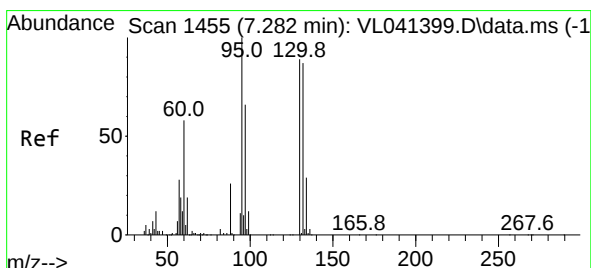
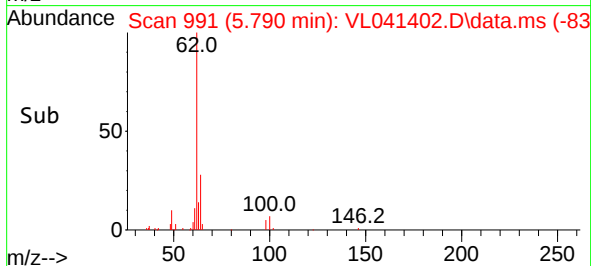
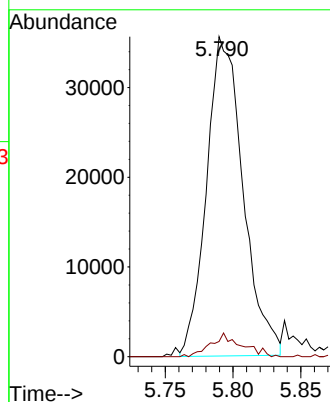
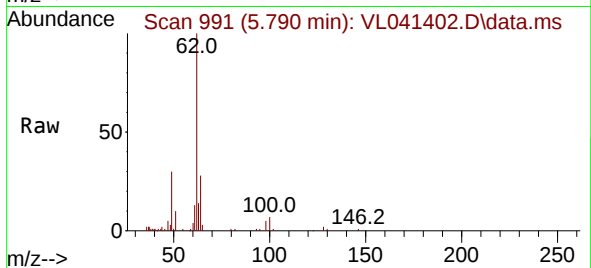
98 6.2 5.0 7.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/26/2024

Supervised By :Mahesh Dadoda 07/29/2024



#38

Trichloroethene

Concen: 0.440 ppbv

RT: 7.282 min Scan# 1455

Delta R.T. -0.000 min

Lab File: VL041402.D

Acq: 25 Jul 2024 16:00

Tgt Ion:130 Resp: 52860

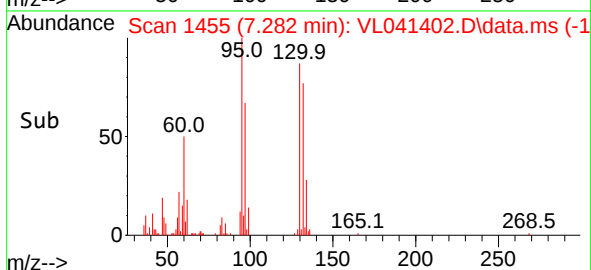
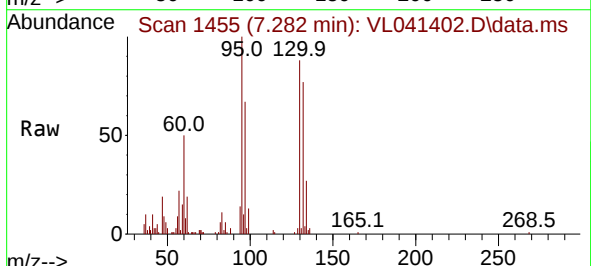
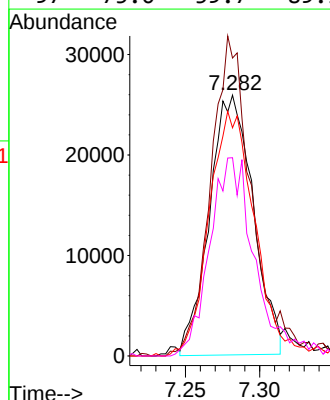
Ion Ratio Lower Upper

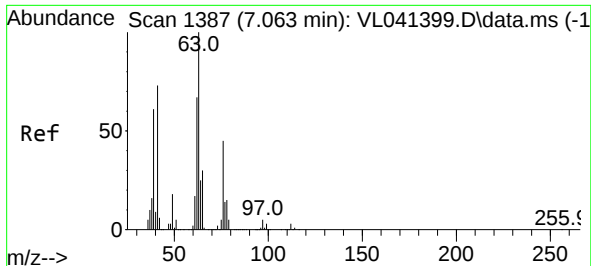
130 100

95 113.6 90.2 135.2

132 86.4 78.1 117.1

97 75.0 59.7 89.5





#39

1,2-Dichloropropane

Concen: 0.441 ppbv m

RT: 7.066 min Scan# 1387

Delta R.T. 0.003 min

Lab File: VL041402.D

Acq: 25 Jul 2024 16:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

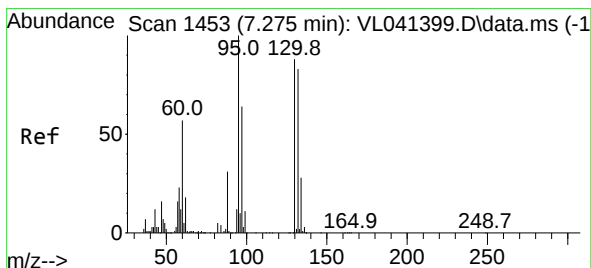
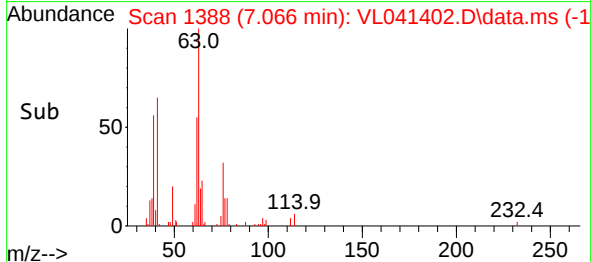
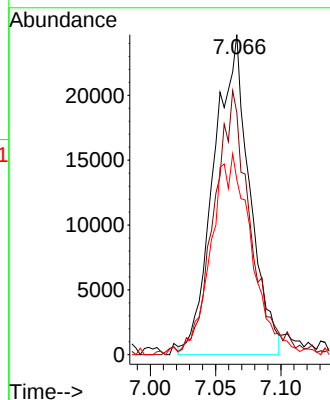
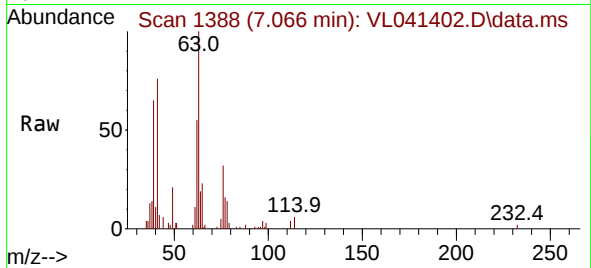
Tgt Ion: 63	Resp: 4698
Ion Ratio	Lower Upper
63 100	
41 75.6	58.3 87.5
62 54.6	53.9 80.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/26/2024

Supervised By :Mahesh Dadoda 07/29/2024



#40

1,4-Dioxane

Concen: 0.394 ppbv m

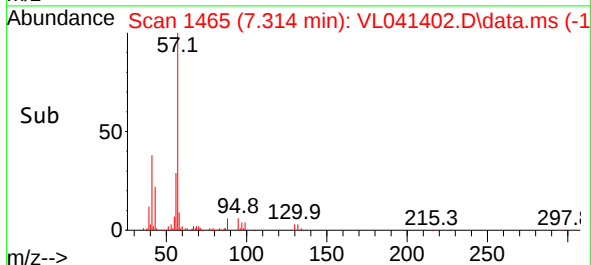
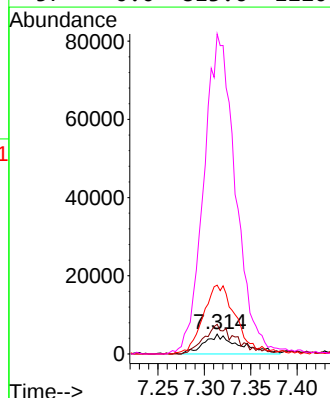
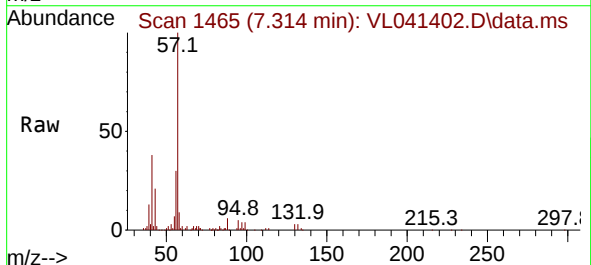
RT: 7.314 min Scan# 1465

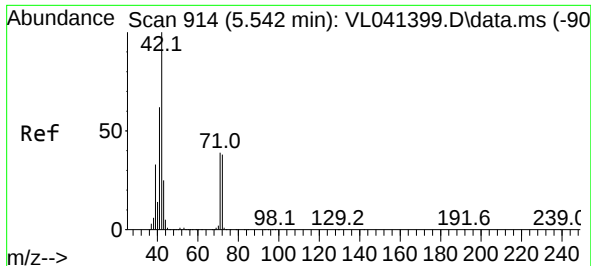
Delta R.T. 0.038 min

Lab File: VL041402.D

Acq: 25 Jul 2024 16:00

Tgt Ion: 88	Resp: 13441
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: 0.377 ppbv m

RT: 5.565 min Scan# 914

Delta R.T. 0.022 min

Lab File: VL041402.D

Acq: 25 Jul 2024 16:00

Instrument :

MSVOA_L

ClientSampleId :

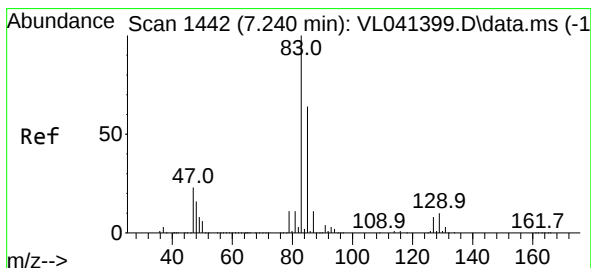
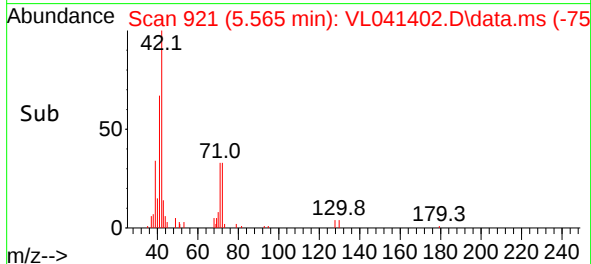
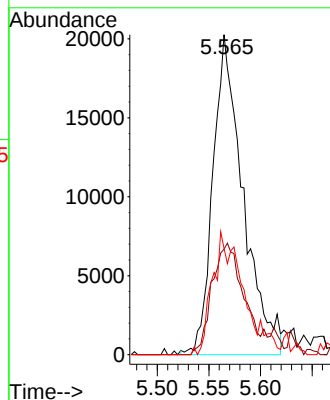
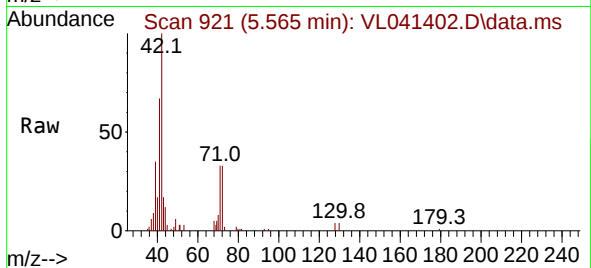
VSTDIC0.5

Tgt Ion:	42	Resp:	4099
Ion Ratio	Lower	Upper	
42	100		
72	42.4	31.2	46.8
71	41.1	30.5	45.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024



#42

Bromodichloromethane

Concen: 0.424 ppbv

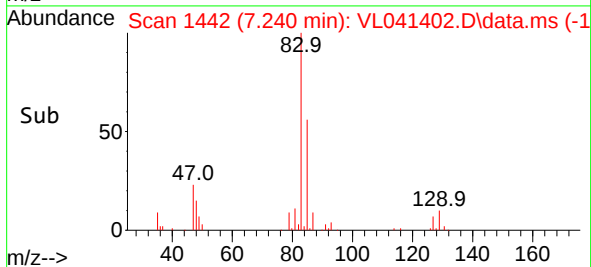
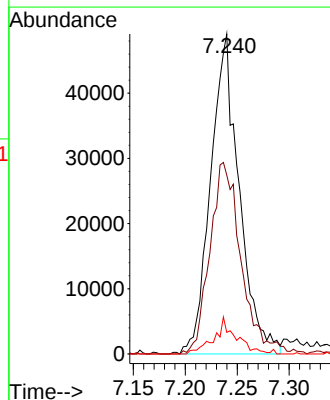
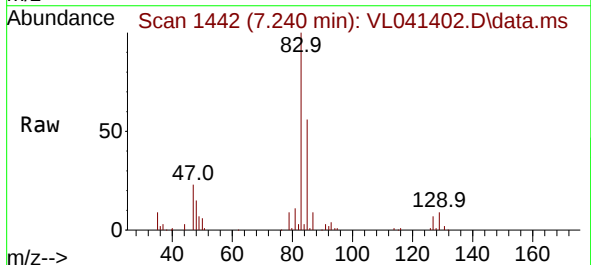
RT: 7.240 min Scan# 1442

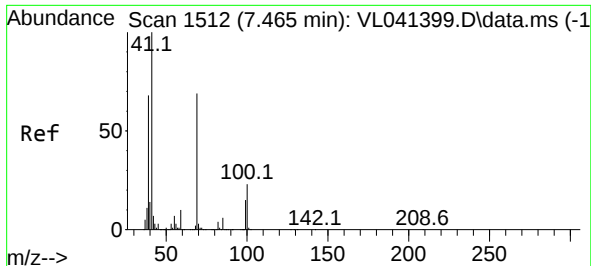
Delta R.T. -0.000 min

Lab File: VL041402.D

Acq: 25 Jul 2024 16:00

Tgt Ion:	83	Resp:	93679
Ion Ratio	Lower	Upper	
83	100		
85	55.9	51.4	77.0
127	6.7	6.7	10.1





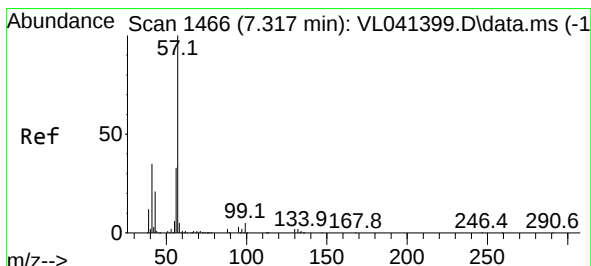
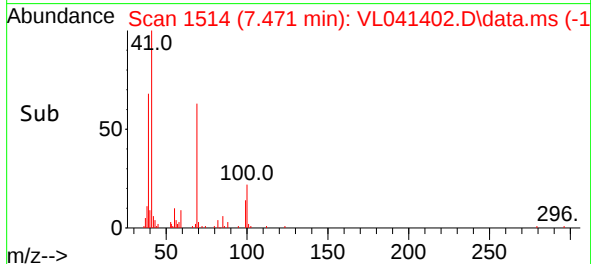
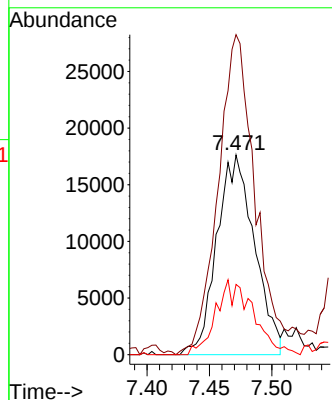
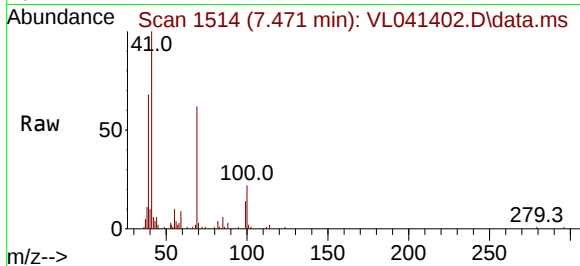
#43
Methyl Methacrylate
Concen: 0.359 ppbv
RT: 7.471 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VL041402.D
Acq: 25 Jul 2024 16:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 69 Resp: 37179
Ion Ratio Lower Upper
69 100
41 161.7 118.7 178.1
100 36.9 27.0 40.4

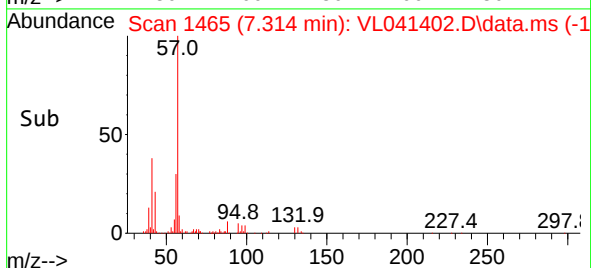
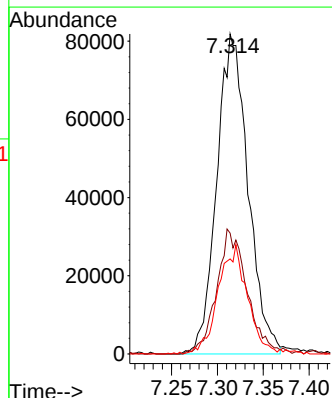
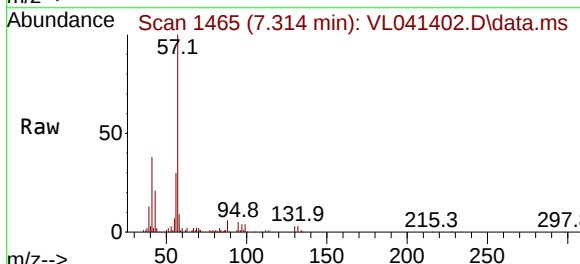
Manual Integrations
APPROVED

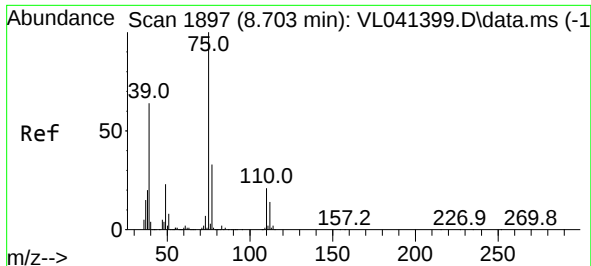
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024



#44
2,2,4-Trimethylpentane
Concen: 0.414 ppbv
RT: 7.314 min Scan# 1465
Delta R.T. -0.003 min
Lab File: VL041402.D
Acq: 25 Jul 2024 16:00

Tgt Ion: 57 Resp: 193929
Ion Ratio Lower Upper
57 100
41 38.2 27.0 40.6
56 32.4 25.2 37.8





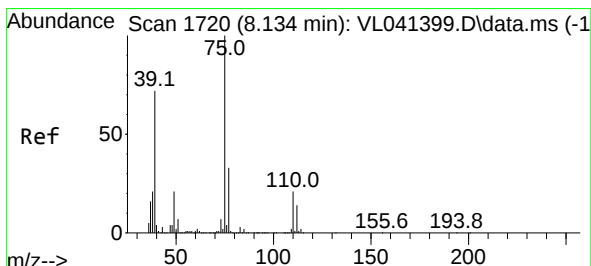
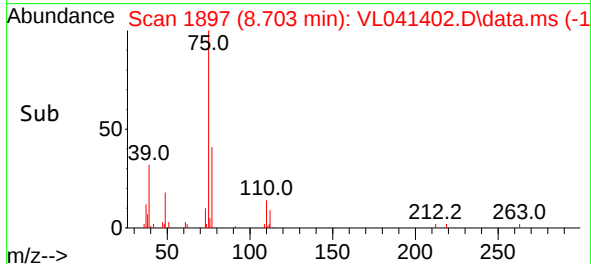
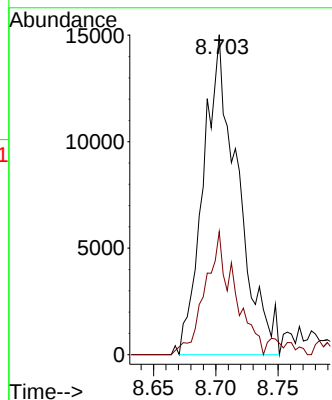
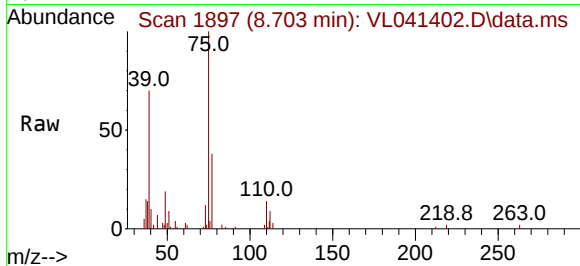
#45
t-1,3-Dichloropropene
Concen: 0.441 ppbv m
RT: 8.703 min Scan# 1897
Delta R.T. -0.000 min
Lab File: VL041402.D
Acq: 25 Jul 2024 16:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 75 Resp: 2886
Ion Ratio Lower Upper
75 100
77 38.4 26.5 39.7

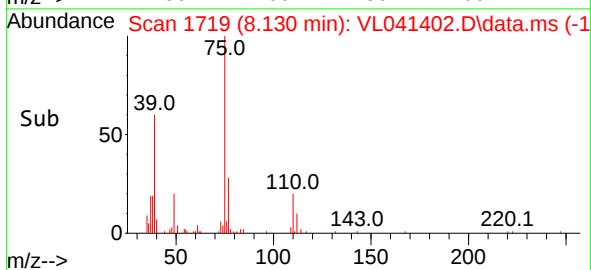
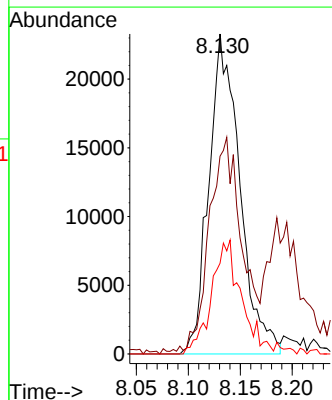
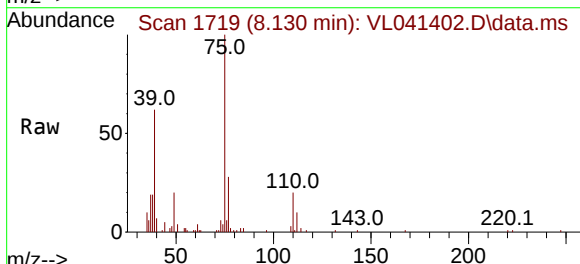
Manual Integrations
APPROVED

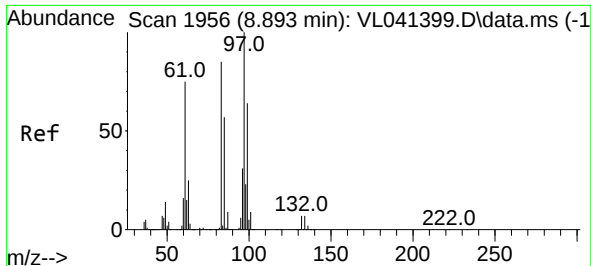
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024



#46
cis-1,3-Dichloropropene
Concen: 0.547 ppbv
RT: 8.130 min Scan# 1719
Delta R.T. -0.003 min
Lab File: VL041402.D
Acq: 25 Jul 2024 16:00

Tgt Ion: 75 Resp: 48144
Ion Ratio Lower Upper
75 100
39 59.3 57.3 85.9
77 28.4 26.2 39.2





#47

1,1,2-Trichloroethane

Concen: 0.438 ppbv

RT: 8.889 min Scan# 1956

Delta R.T. -0.003 min

Lab File: VL041402.D

Acq: 25 Jul 2024 16:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion: 97 Resp: 5000

Ion Ratio Lower Upper

97 100

83 95.9 67.6 101.4

85 56.4 45.9 68.9

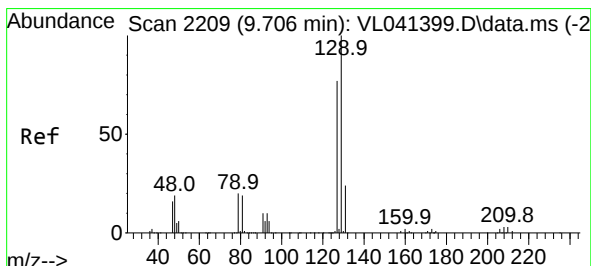
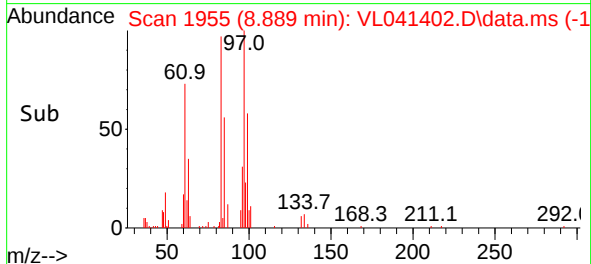
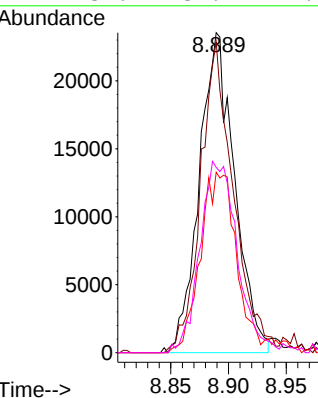
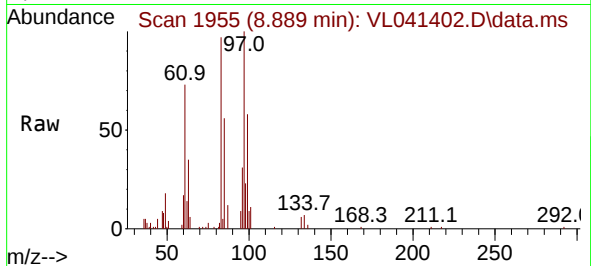
99 57.9 51.4 77.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/26/2024

Supervised By :Mahesh Dadoda 07/29/2024



#48

Dibromochloromethane

Concen: 0.391 ppbv

RT: 9.700 min Scan# 2207

Delta R.T. -0.007 min

Lab File: VL041402.D

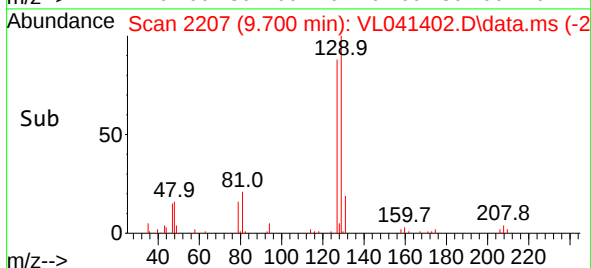
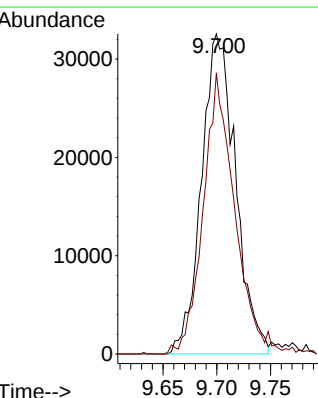
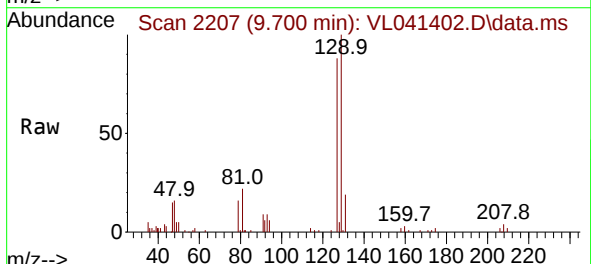
Acq: 25 Jul 2024 16:00

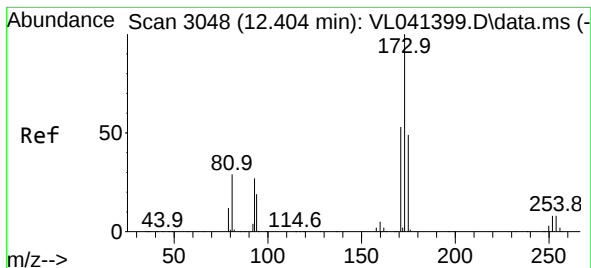
Tgt Ion:129 Resp: 71709

Ion Ratio Lower Upper

129 100

127 81.6 39.3 117.8





#49

Bromoform

Concen: 0.395 ppbv m

RT: 12.397 min Scan# 3048

Delta R.T. -0.007 min

Lab File: VL041402.D

Acq: 25 Jul 2024 16:00

Instrument :

MSVOA_L

ClientSampleId :

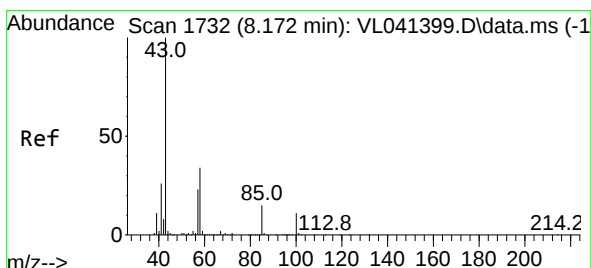
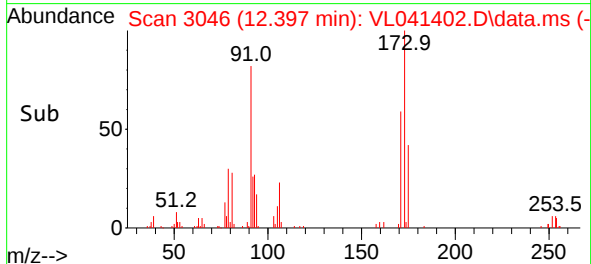
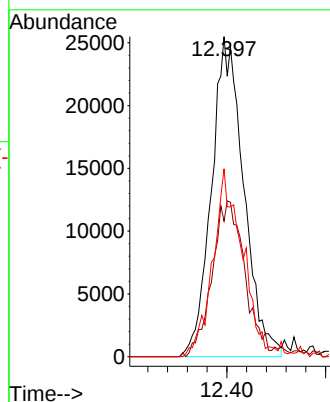
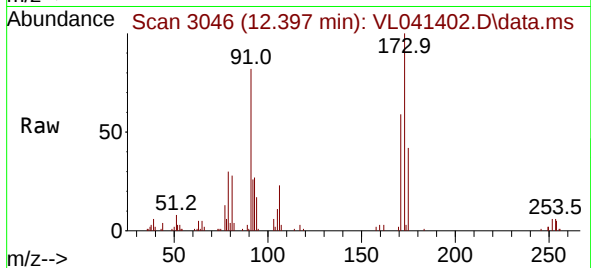
VSTDICC0.5

Tgt Ion:173	Resp:	5766
Ion Ratio	Lower	Upper
173	100	
175	0.0	39.9
171	55.3	41.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024



#50

4-Methyl-2-Pentanone

Concen: 0.408 ppbv m

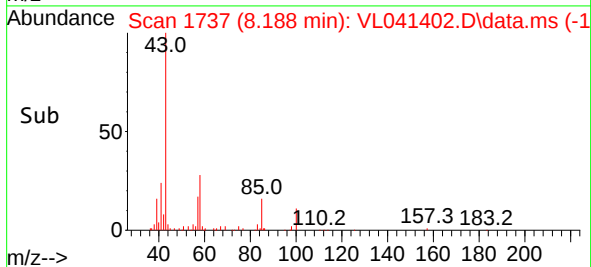
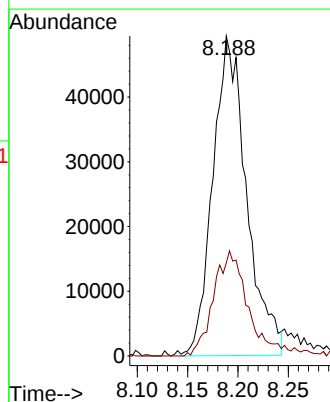
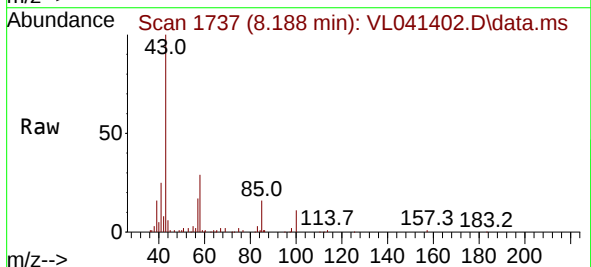
RT: 8.188 min Scan# 1737

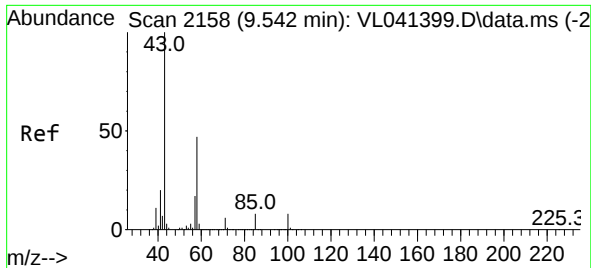
Delta R.T. 0.016 min

Lab File: VL041402.D

Acq: 25 Jul 2024 16:00

Tgt Ion: 43	Resp:	114983
Ion Ratio	Lower	Upper
43	100	
58	35.3	27.9





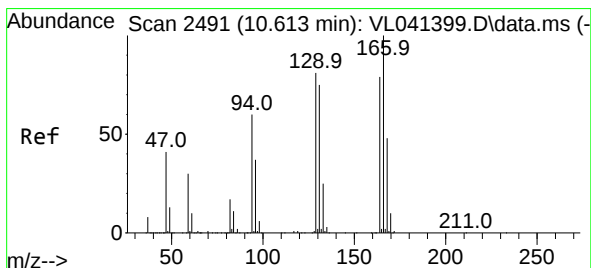
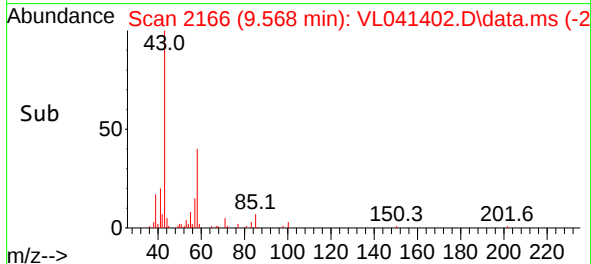
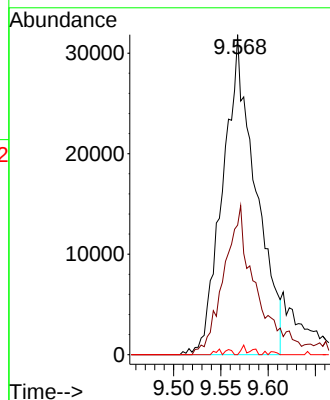
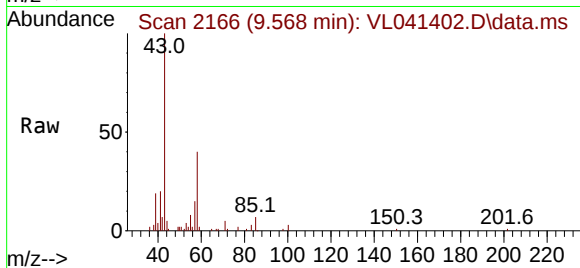
#51
2-Hexanone
Concen: 0.385 ppbv
RT: 9.568 min Scan# 2158
Delta R.T. 0.026 min
Lab File: VL041402.D
Acq: 25 Jul 2024 16:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 43 Resp: 77238
Ion Ratio Lower Upper
43 100
58 49.0 38.2 57.2
98 1.0 0.3 0.5

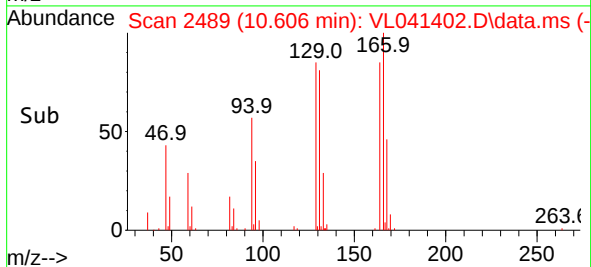
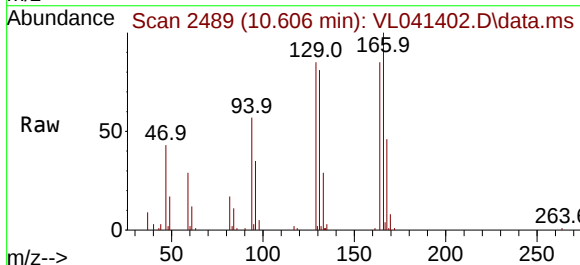
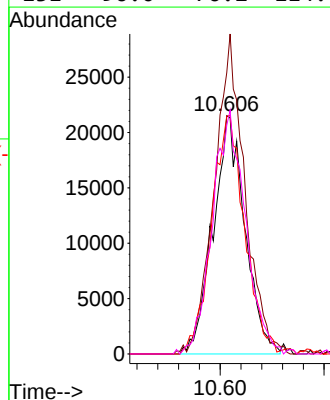
Manual Integrations
APPROVED

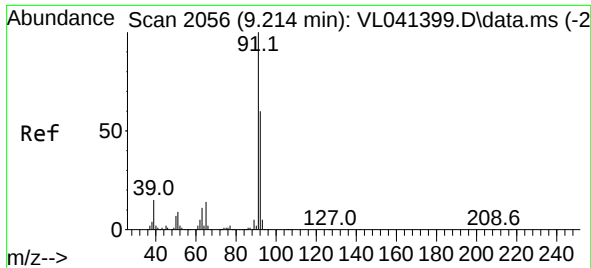
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024



#52
Tetrachloroethene
Concen: 0.415 ppbv
RT: 10.606 min Scan# 2489
Delta R.T. -0.007 min
Lab File: VL041402.D
Acq: 25 Jul 2024 16:00

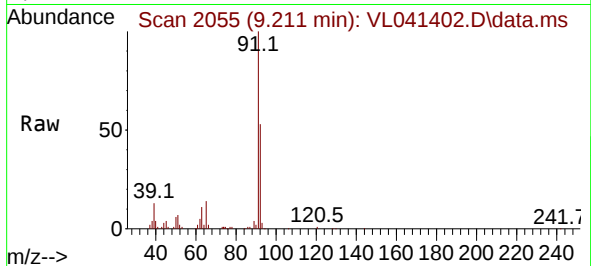
Tgt Ion:164 Resp: 45907
Ion Ratio Lower Upper
164 100
166 117.0 101.1 151.7
129 99.9 81.7 122.5
131 96.0 76.2 114.4





#53
Toluene
Concen: 0.395 ppbv m
RT: 9.211 min Scan# 2056
Delta R.T. -0.003 min
Lab File: VL041402.D
Acq: 25 Jul 2024 16:00

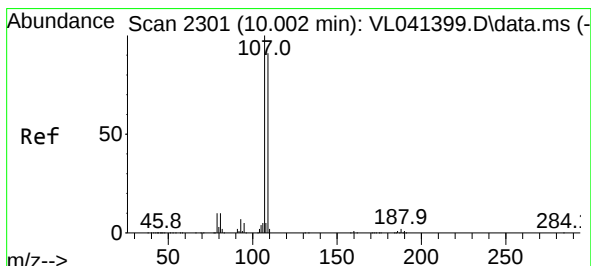
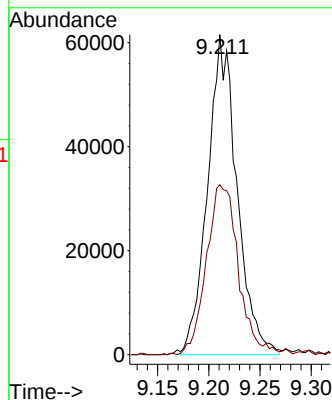
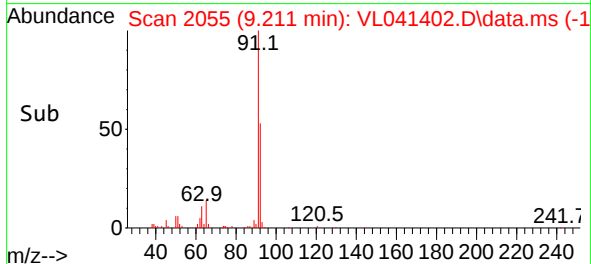
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



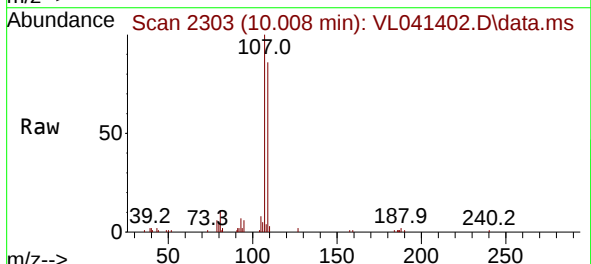
Tgt Ion: 91 Resp: 12287
Ion Ratio Lower Upper
91 100
92 58.9 48.7 73.1

Manual Integrations
APPROVED

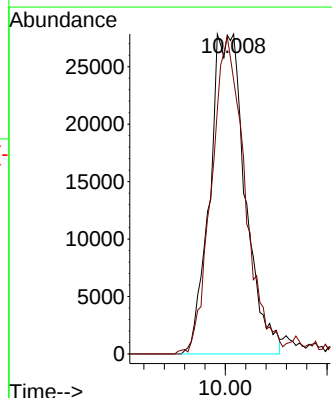
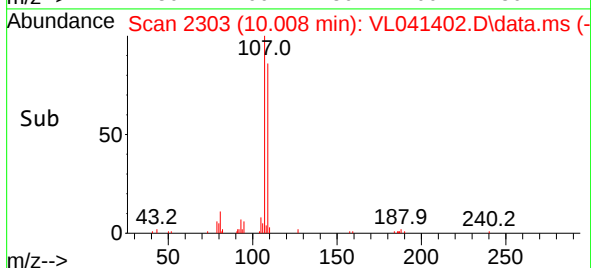
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024

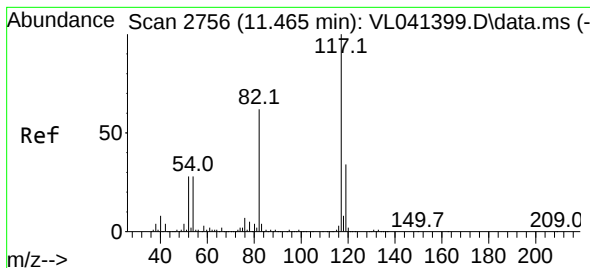


#54
1,2-Dibromoethane
Concen: 0.475 ppbv m
RT: 10.008 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VL041402.D
Acq: 25 Jul 2024 16:00



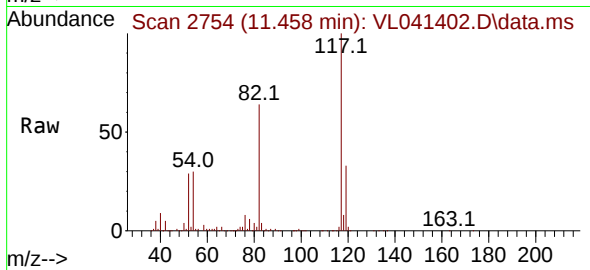
Tgt Ion:107 Resp: 67181
Ion Ratio Lower Upper
107 100
109 85.7 72.7 109.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.458 min Scan# 211
Delta R.T. -0.007 min
Lab File: VL041402.D
Acq: 25 Jul 2024 16:00

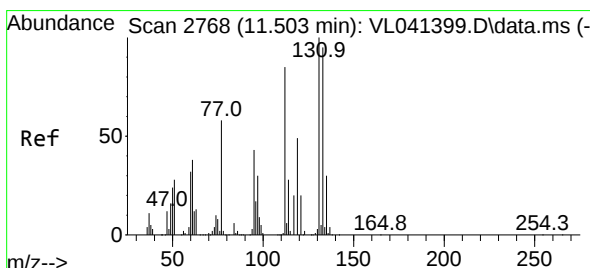
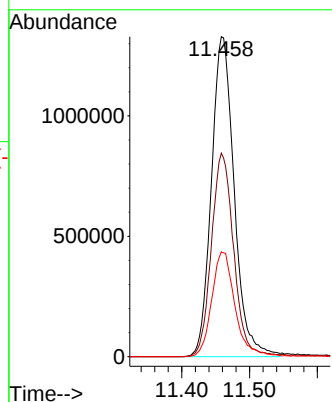
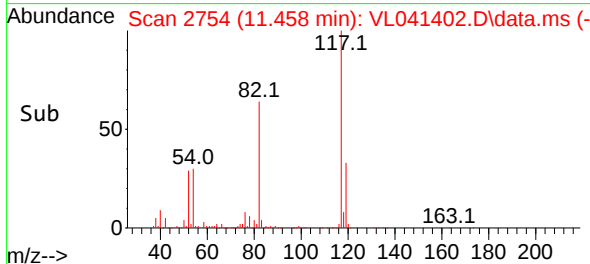
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion:117 Resp: 3110230
Ion Ratio Lower Upper
117 100
82 63.0 51.0 76.6
119 33.7 45.2 67.8

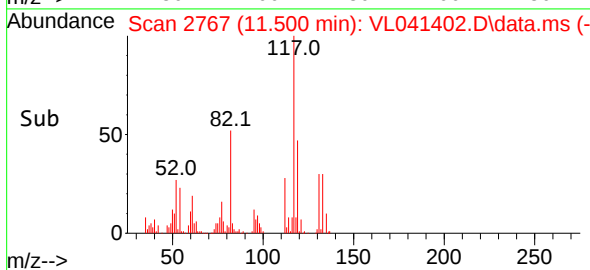
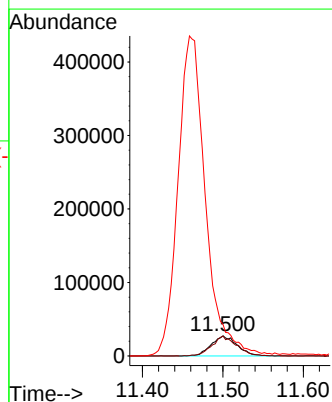
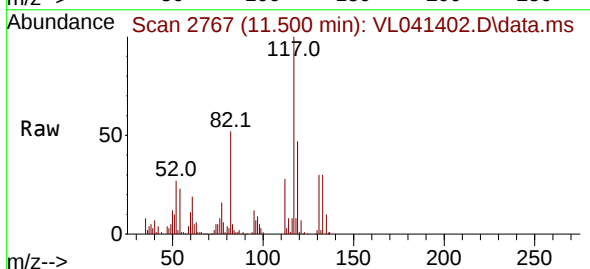
Manual Integrations
APPROVED

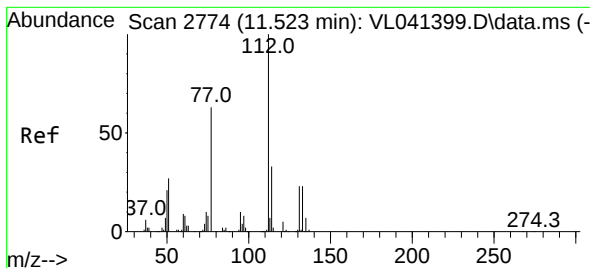
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024



#56
1,1,1,2-Tetrachloroethane
Concen: 0.436 ppbv m
RT: 11.500 min Scan# 2767
Delta R.T. -0.003 min
Lab File: VL041402.D
Acq: 25 Jul 2024 16:00

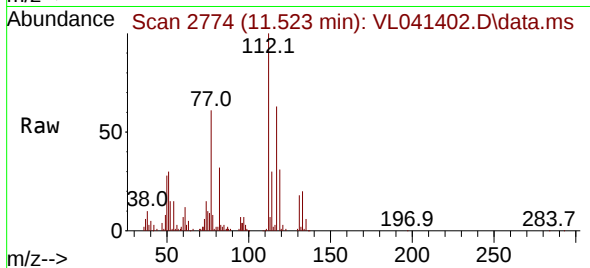
Tgt Ion:131 Resp: 61024
Ion Ratio Lower Upper
131 100
133 94.8 77.0 115.4
119 1716.3 121.5 182.3#





#57
Chlorobenzene
Concen: 0.482 ppbv m
RT: 11.523 min Scan# 2774
Delta R.T. -0.000 min
Lab File: VL041402.D
Acq: 25 Jul 2024 16:00

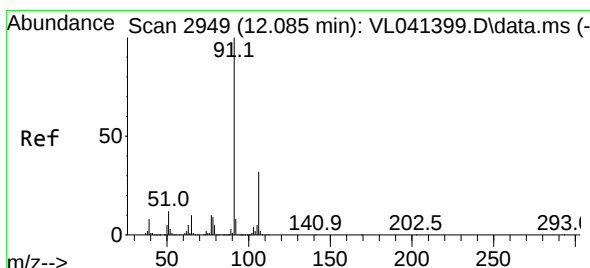
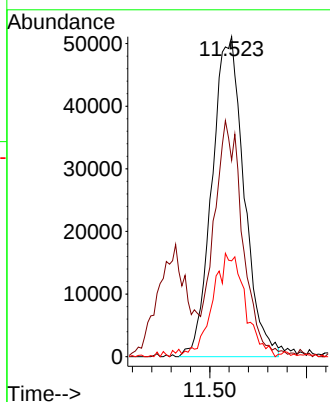
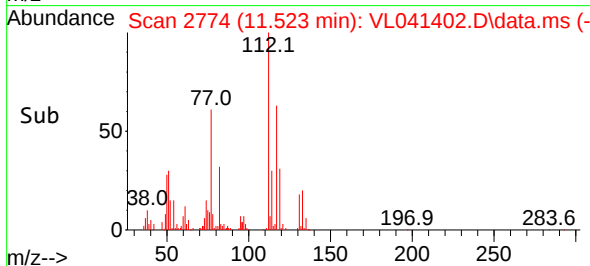
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion:112 Resp: 117500
Ion Ratio Lower Upper
112 100
77 61.4 51.1 76.7
114 30.0 29.5 36.1

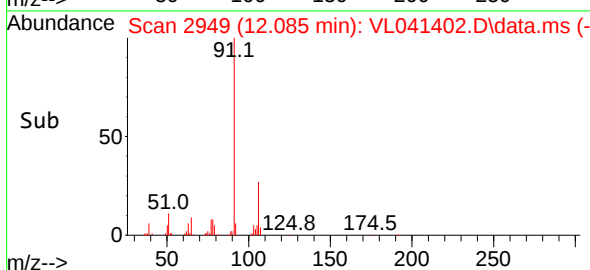
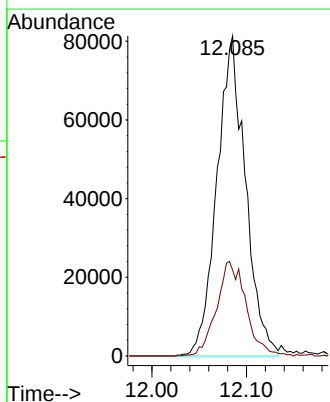
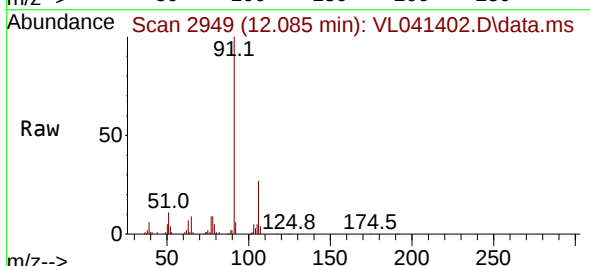
Manual Integrations
APPROVED

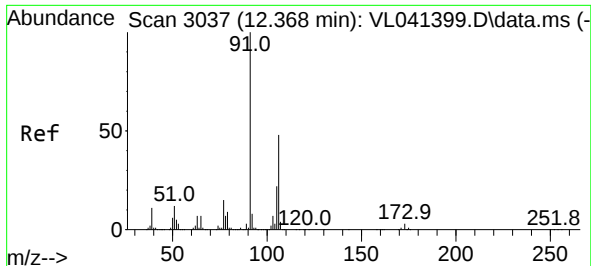
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024



#58
Ethyl Benzene
Concen: 0.409 ppbv
RT: 12.085 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VL041402.D
Acq: 25 Jul 2024 16:00

Tgt Ion: 91 Resp: 170346
Ion Ratio Lower Upper
91 100
106 26.5 25.8 38.8





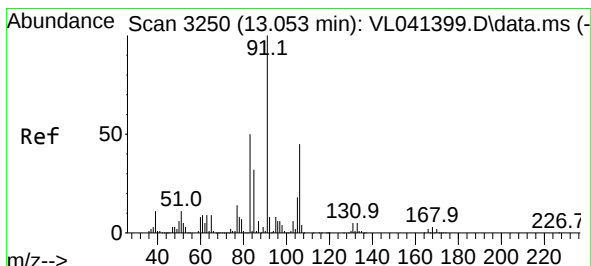
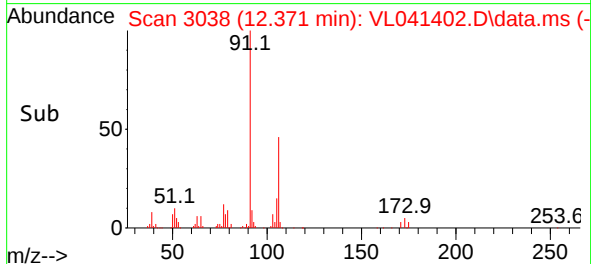
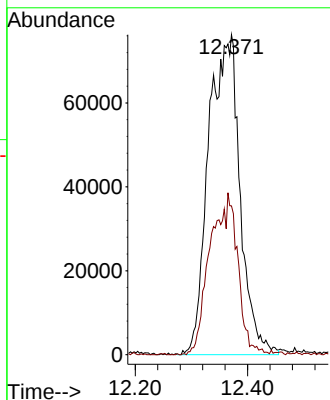
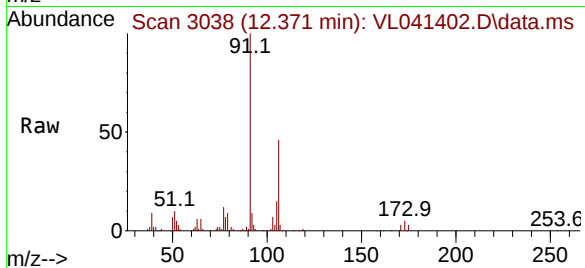
#59
m/p-Xylene
Concen: 0.820 ppbv m
RT: 12.371 min Scan# 3038
Delta R.T. 0.003 min
Lab File: VL041402.D
Acq: 25 Jul 2024 16:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 91 Resp: 295270
Ion Ratio Lower Upper
91 100
106 44.9 36.3 54.5

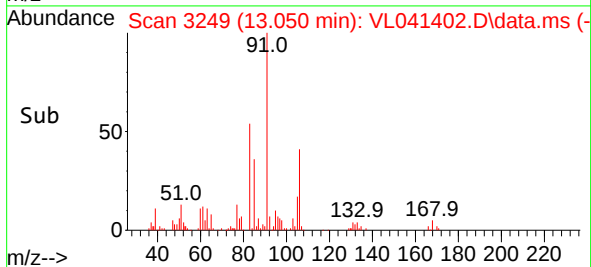
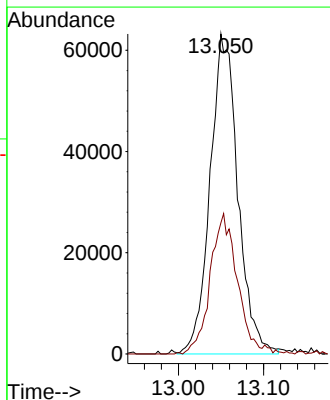
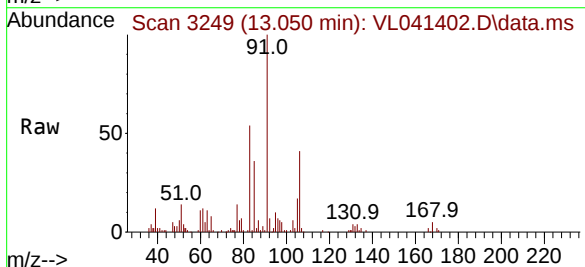
Manual Integrations
APPROVED

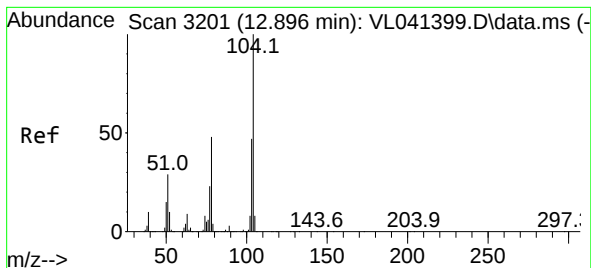
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024



#60
o-Xylene
Concen: 0.421 ppbv m
RT: 13.050 min Scan# 3249
Delta R.T. -0.003 min
Lab File: VL041402.D
Acq: 25 Jul 2024 16:00

Tgt Ion: 91 Resp: 143197
Ion Ratio Lower Upper
91 100
106 0.0 23.1 69.3#





#61

Styrene

Concen: 0.328 ppbv

RT: 12.892 min Scan# 3201

Delta R.T. -0.003 min

Lab File: VL041402.D

Acq: 25 Jul 2024 16:00

Instrument :

MSVOA_L

ClientSampleId :

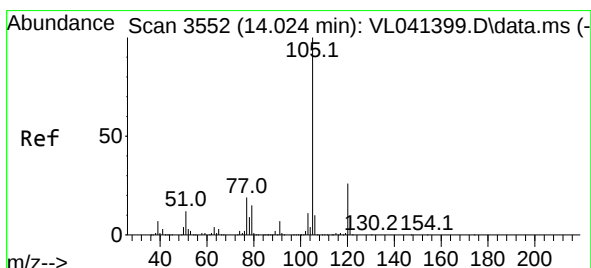
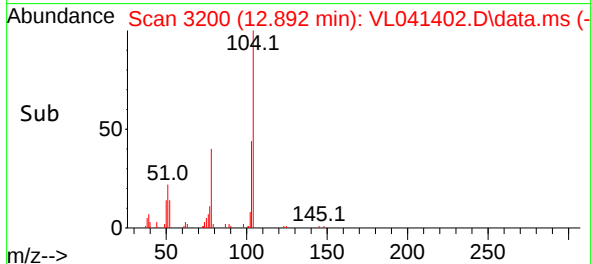
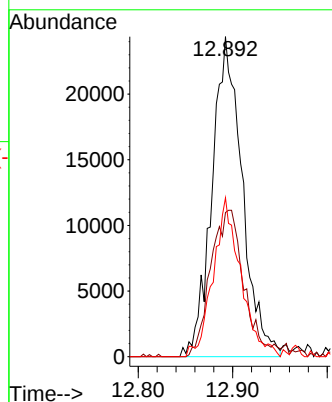
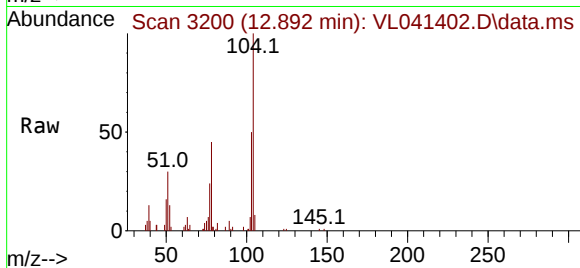
VSTDIC0.5

Tgt Ion:	104	Resp:	54180
Ion Ratio	Lower	Upper	
104	100		
78	52.2	40.8	61.2
103	45.5	38.2	57.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024



#62

Isopropylbenzene

Concen: 0.409 ppbv

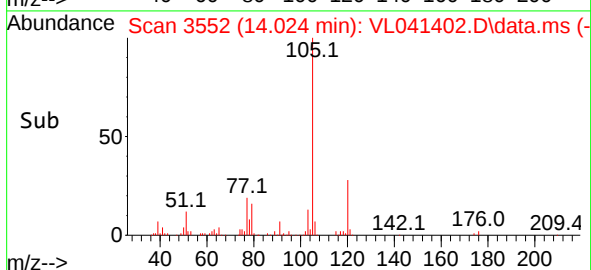
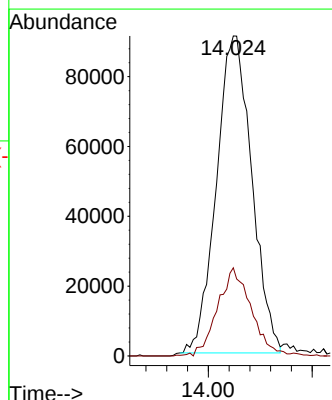
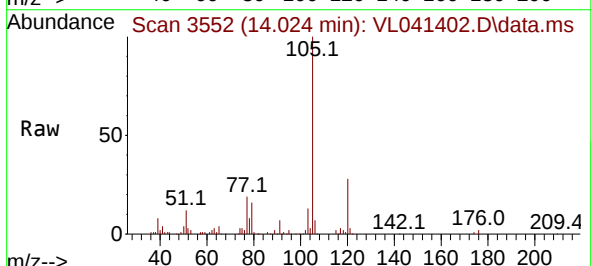
RT: 14.024 min Scan# 3552

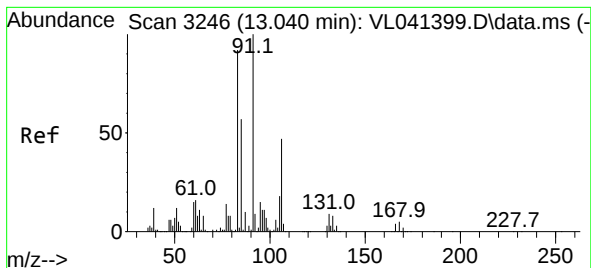
Delta R.T. -0.000 min

Lab File: VL041402.D

Acq: 25 Jul 2024 16:00

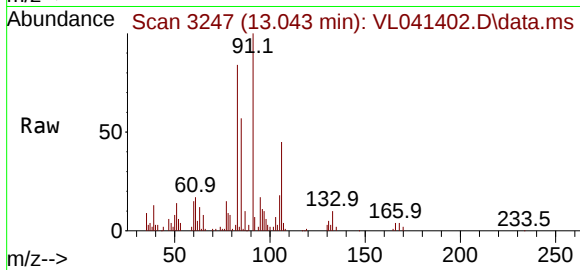
Tgt Ion:	105	Resp:	214544
Ion Ratio	Lower	Upper	
105	100		
120	26.5	21.0	31.4





#63
1,1,2,2-Tetrachloroethane
Concen: 0.363 ppbv m
RT: 13.043 min Scan# 3246
Delta R.T. 0.003 min
Lab File: VL041402.D
Acq: 25 Jul 2024 16:00

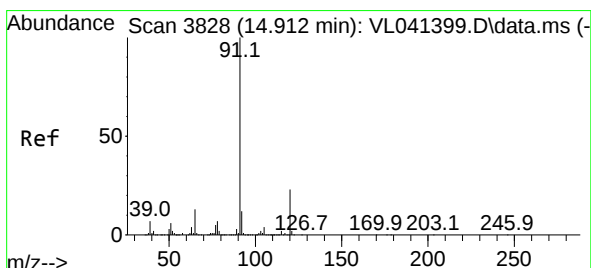
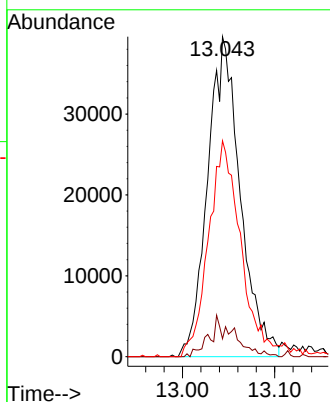
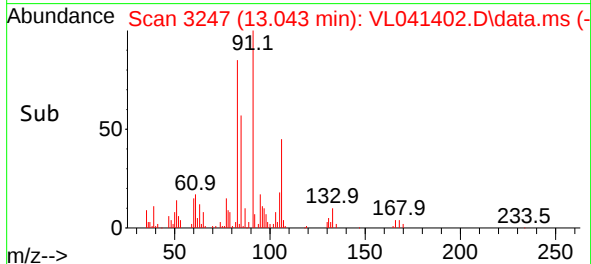
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



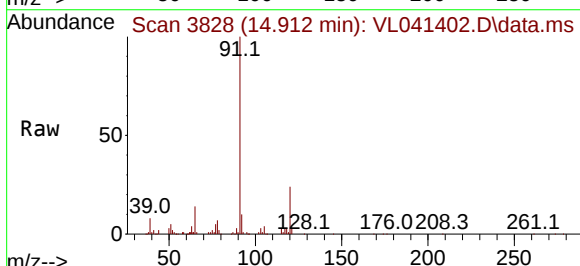
Tgt Ion: 83 Resp: 9719
Ion Ratio Lower Upper
83 100
131 10.0 4.8 14.4
85 0.0 32.6 98.0

Manual Integrations
APPROVED

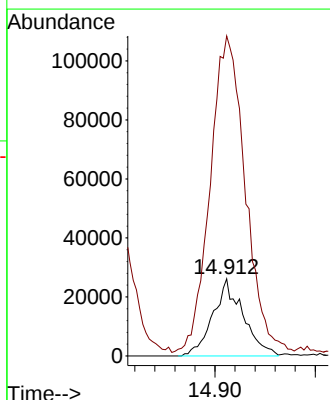
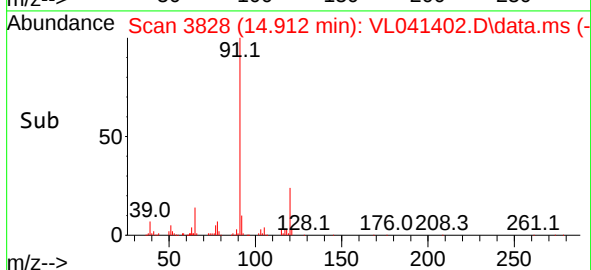
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024

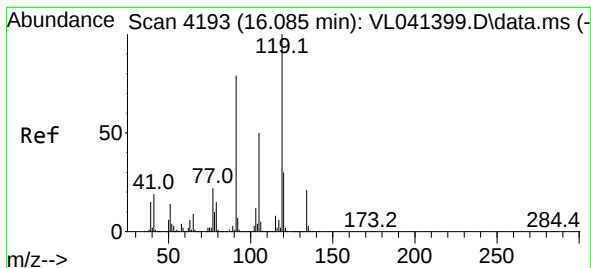


#64
n-propylbenzene
Concen: 0.398 ppbv m
RT: 14.912 min Scan# 3828
Delta R.T. -0.000 min
Lab File: VL041402.D
Acq: 25 Jul 2024 16:00



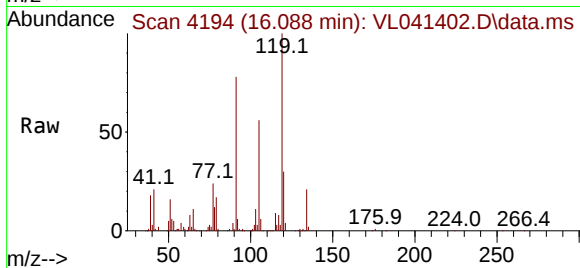
Tgt Ion:120 Resp: 54530
Ion Ratio Lower Upper
120 100
91 491.7 361.4 542.0





#65
tert-Butylbenzene
Concen: 0.407 ppbv
RT: 16.088 min Scan# 4193
Delta R.T. 0.003 min
Lab File: VL041402.D
Acq: 25 Jul 2024 16:00

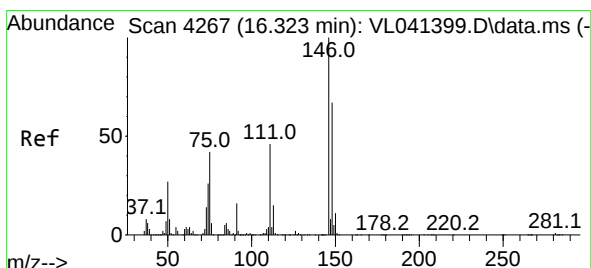
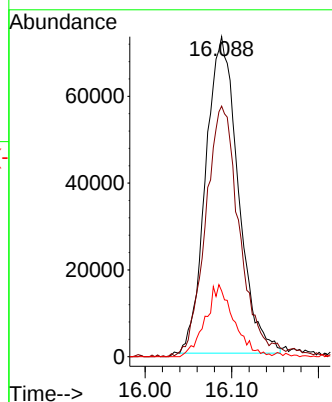
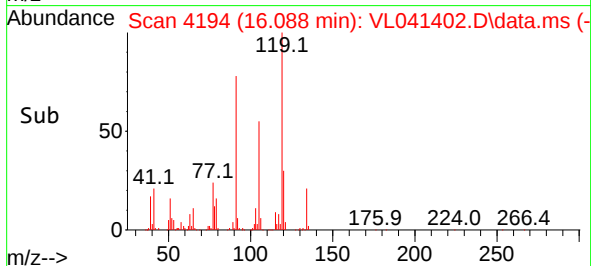
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



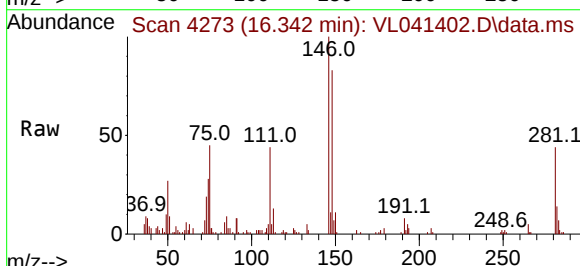
Tgt Ion: 119 Resp: 190258
Ion Ratio Lower Upper
119 100
91 84.5 64.2 96.2
134 20.6 15.7 23.5

Manual Integrations
APPROVED

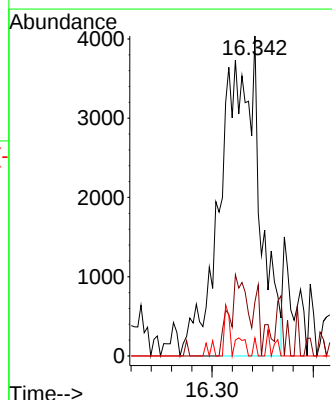
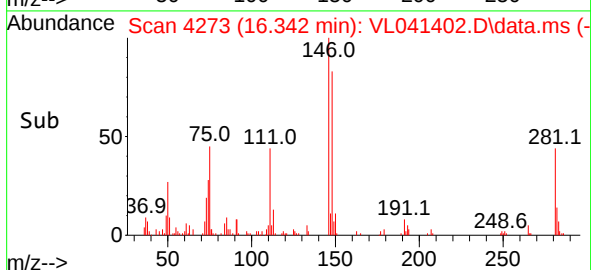
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024

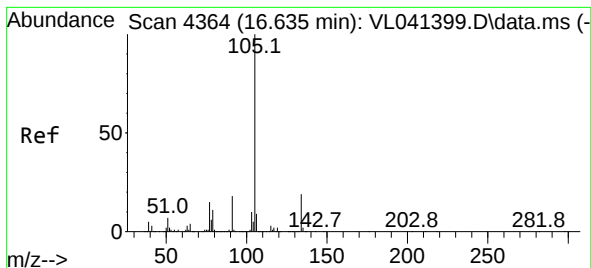


#66
Benzyl Chloride
Concen: 0.336 ppbv m
RT: 16.342 min Scan# 4273
Delta R.T. 0.019 min
Lab File: VL041402.D
Acq: 25 Jul 2024 16:00



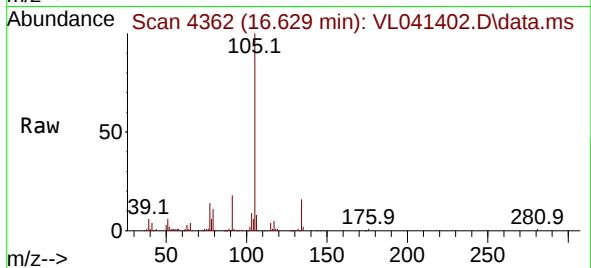
Tgt Ion: 91 Resp: 10321
Ion Ratio Lower Upper
91 100
126 0.0 13.8 20.8#
128 1.8 4.4 6.6#





#67
 sec-Butylbenzene
 Concen: 0.397 ppbv m
 RT: 16.629 min Scan# 4362
 Delta R.T. -0.007 min
 Lab File: VL041402.D
 Acq: 25 Jul 2024 16:00

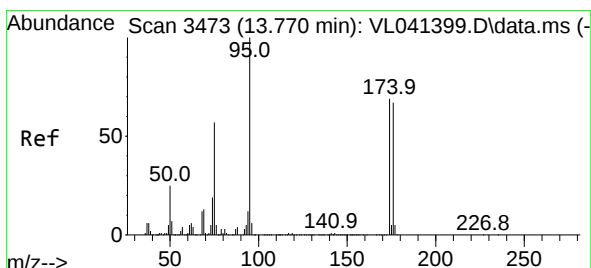
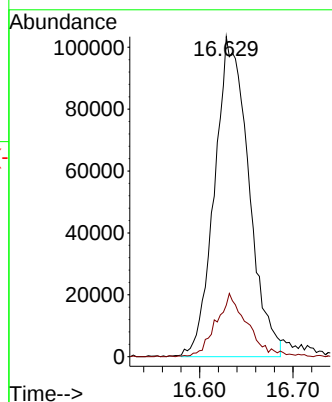
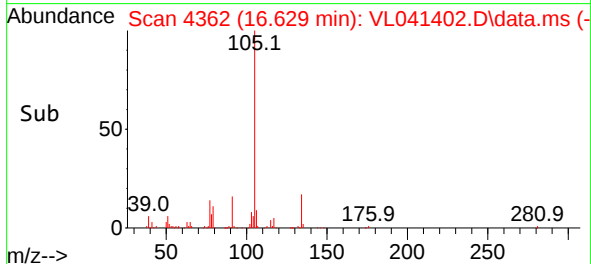
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



Tgt Ion:105 Resp: 262560
 Ion Ratio Lower Upper
 105 100
 134 0.0 14.5 21.7

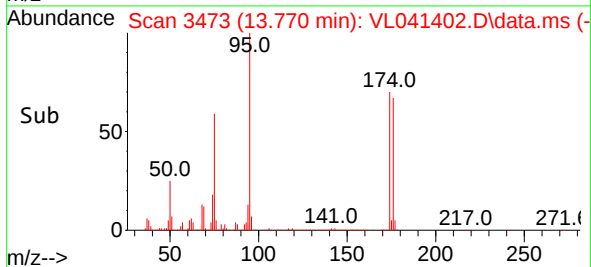
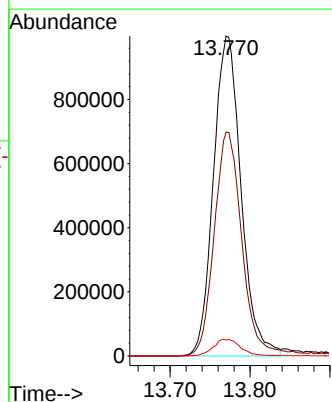
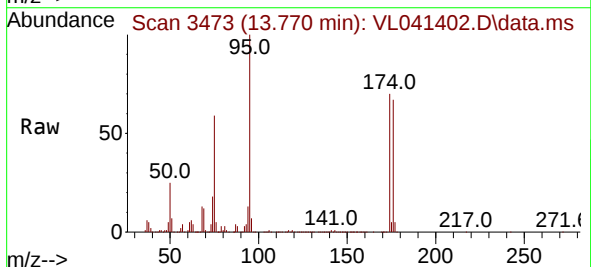
Manual Integrations
 APPROVED

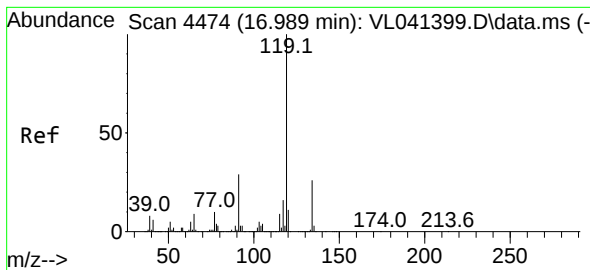
Reviewed By :Semsettin Yesilyurt 07/26/2024
 Supervised By :Mahesh Dadoda 07/29/2024



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.274 ppbv
 RT: 13.770 min Scan# 3473
 Delta R.T. -0.000 min
 Lab File: VL041402.D
 Acq: 25 Jul 2024 16:00

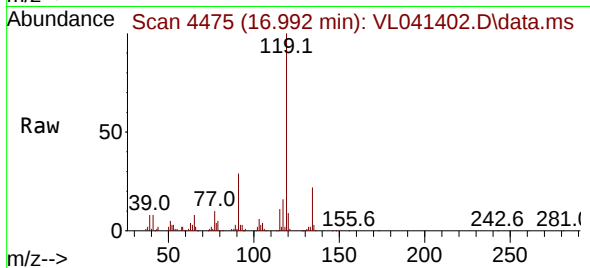
Tgt Ion: 95 Resp: 2394911
 Ion Ratio Lower Upper
 95 100
 174 70.5 56.3 84.5
 175 5.3 4.0 6.0





#69
p-Isopropyltoluene
Concen: 0.396 ppbv
RT: 16.992 min Scan# 4475
Delta R.T. 0.003 min
Lab File: VL041402.D
Acq: 25 Jul 2024 16:00

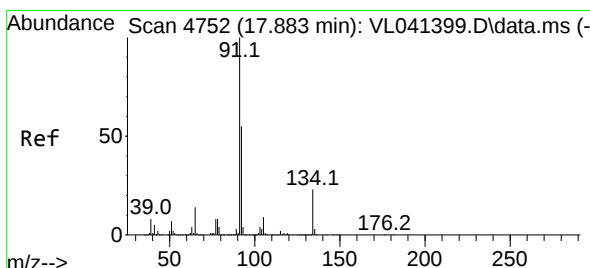
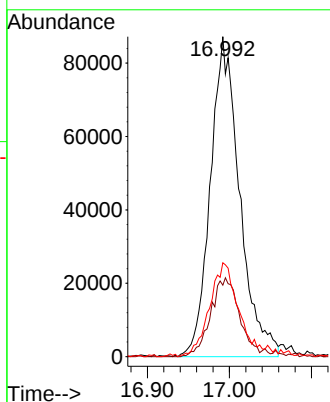
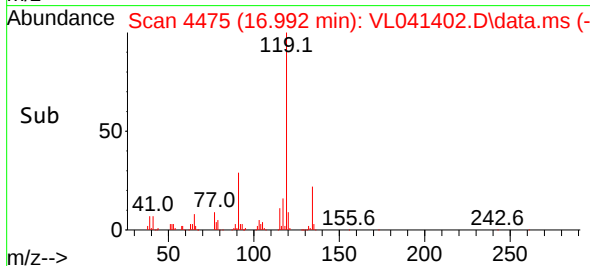
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



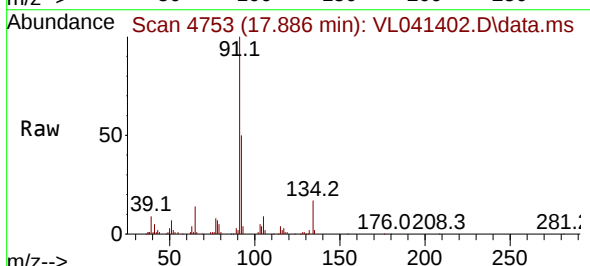
Tgt Ion:119 Resp: 215940
Ion Ratio Lower Upper
119 100
134 25.5 20.5 30.7
91 31.4 23.2 34.8

Manual Integrations
APPROVED

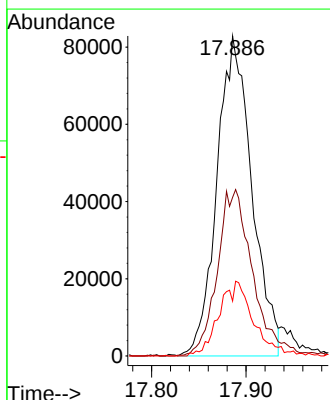
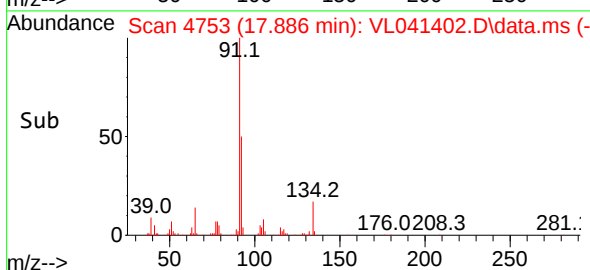
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024

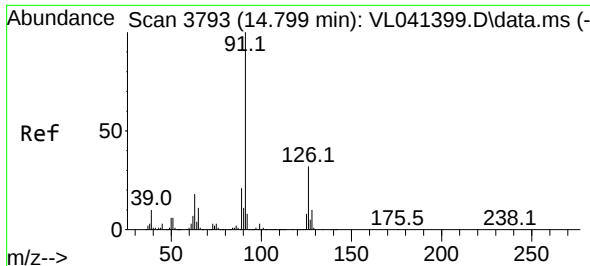


#70
n-Butylbenzene
Concen: 0.381 ppbv
RT: 17.886 min Scan# 4753
Delta R.T. 0.003 min
Lab File: VL041402.D
Acq: 25 Jul 2024 16:00



Tgt Ion: 91 Resp: 212575
Ion Ratio Lower Upper
91 100
92 53.4 43.2 64.8
134 23.5 18.5 27.7





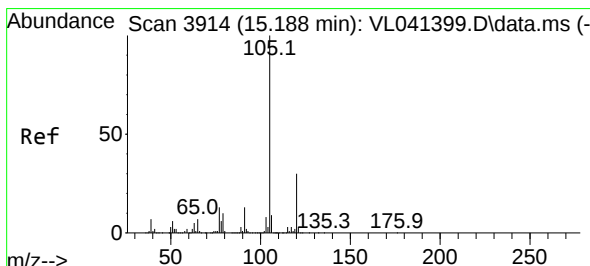
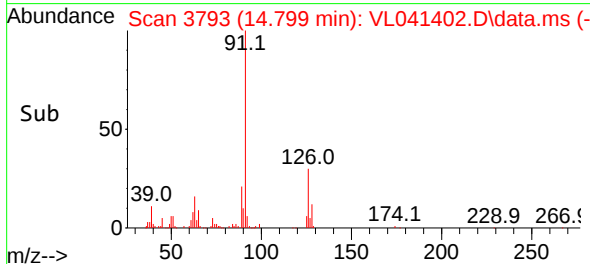
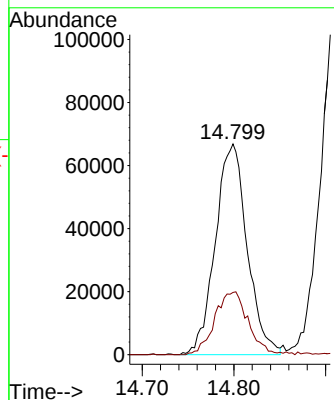
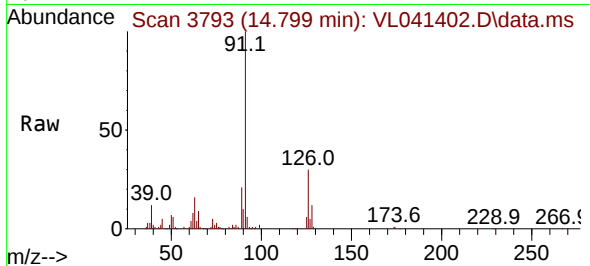
#71
2-Chlorotoluene
Concen: 0.413 ppbv
RT: 14.799 min Scan# 3793
Delta R.T. -0.000 min
Lab File: VL041402.D
Acq: 25 Jul 2024 16:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 91 Resp: 16106
Ion Ratio Lower Upper
91 100
126 31.4 12.7 50.9

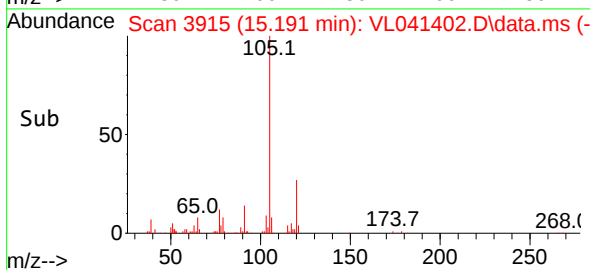
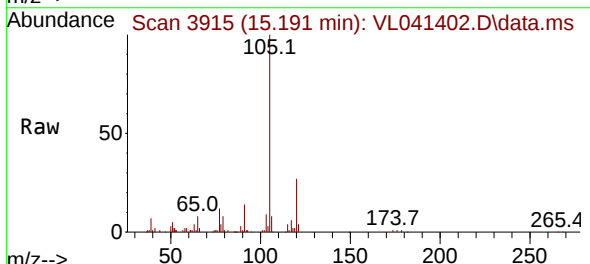
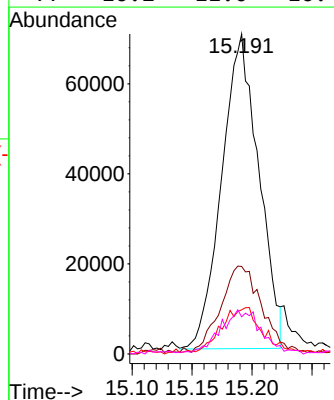
Manual Integrations
APPROVED

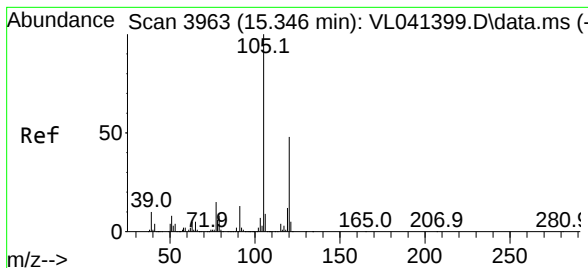
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024



#72
4-Ethyltoluene
Concen: 0.370 ppbv
RT: 15.191 min Scan# 3915
Delta R.T. 0.003 min
Lab File: VL041402.D
Acq: 25 Jul 2024 16:00

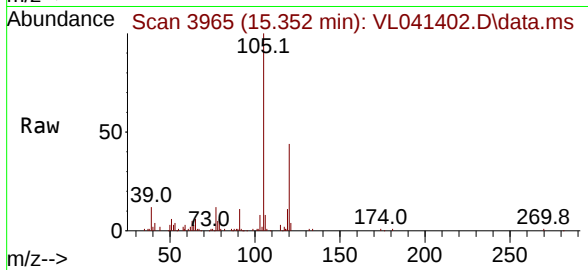
Tgt Ion:105 Resp: 149868
Ion Ratio Lower Upper
105 100
120 33.5 24.2 36.2
91 16.8 10.4 15.6#
77 16.2 11.0 16.4





#73
1,3,5-Trimethylbenzene
Concen: 0.405 ppbv m
RT: 15.352 min Scan# 3963
Delta R.T. 0.006 min
Lab File: VL041402.D
Acq: 25 Jul 2024 16:00

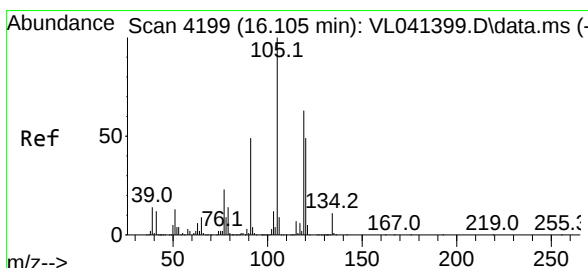
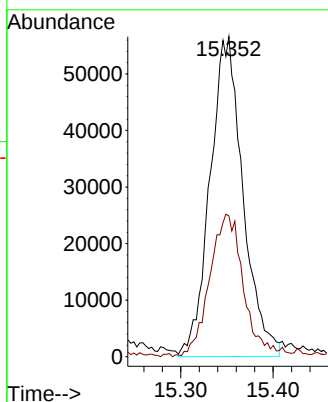
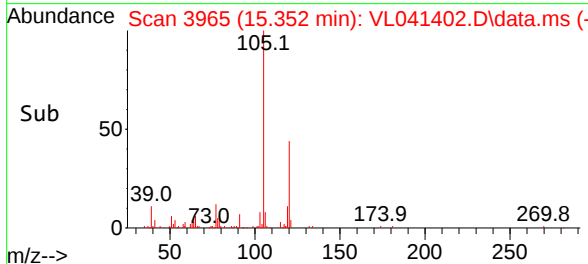
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



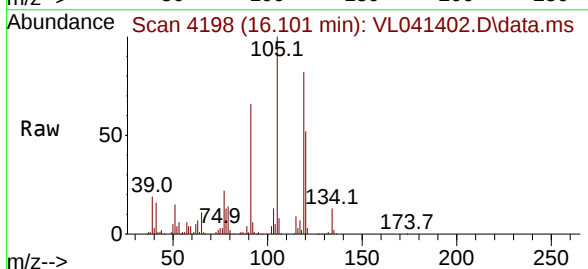
Tgt Ion:105 Resp: 140429
Ion Ratio Lower Upper
105 100
120 44.0 38.6 57.8

Manual Integrations
APPROVED

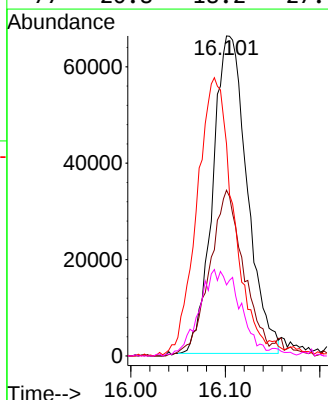
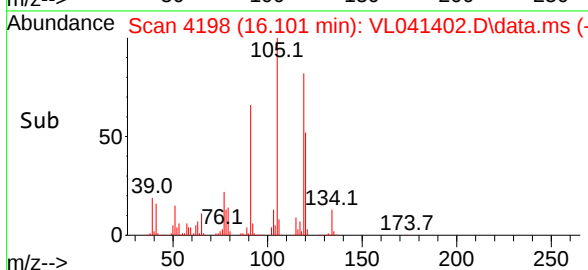
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024

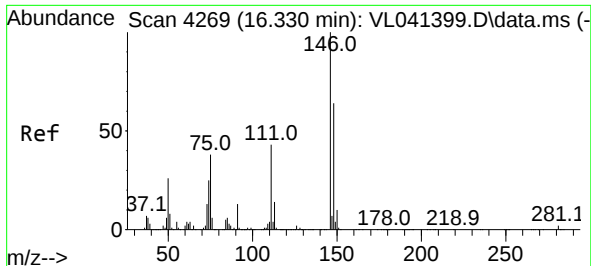


#74
1,2,4-Trimethylbenzene
Concen: 0.425 ppbv
RT: 16.101 min Scan# 4198
Delta R.T. -0.003 min
Lab File: VL041402.D
Acq: 25 Jul 2024 16:00



Tgt Ion:105 Resp: 165986
Ion Ratio Lower Upper
105 100
120 51.0 39.5 59.3
91 63.7 39.8 59.8#
77 20.8 18.2 27.4





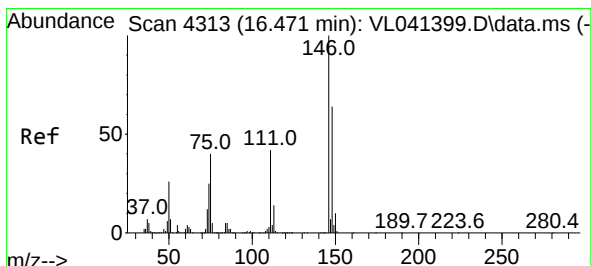
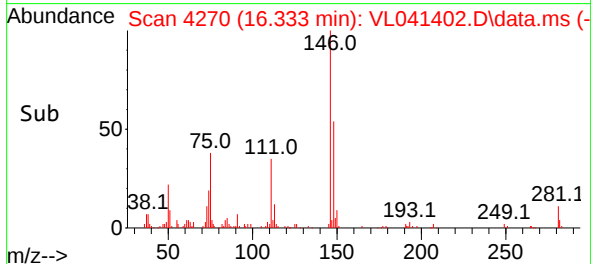
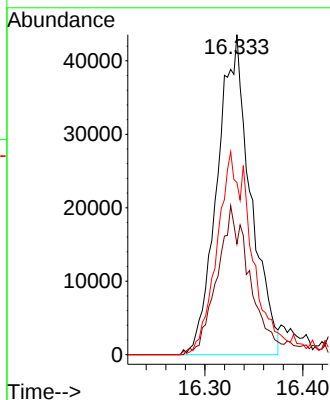
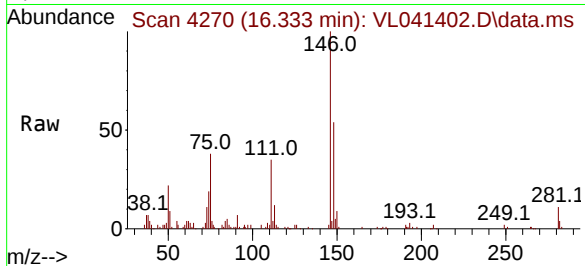
#75
1,3-Dichlorobenzene
Concen: 0.444 ppbv m
RT: 16.333 min Scan# 4269
Delta R.T. 0.003 min
Lab File: VL041402.D
Acq: 25 Jul 2024 16:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:146 Resp: 102939
Ion Ratio Lower Upper
146 100
111 48.5 22.6 67.8
148 69.5 32.3 96.8

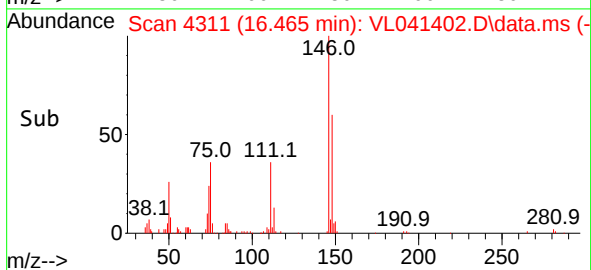
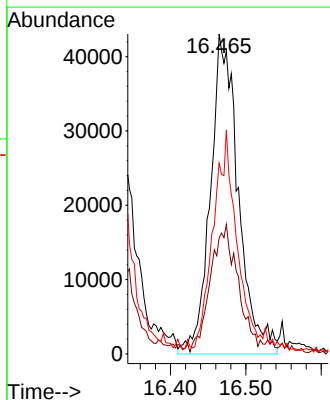
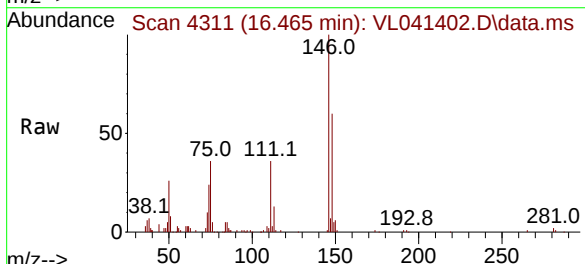
Manual Integrations
APPROVED

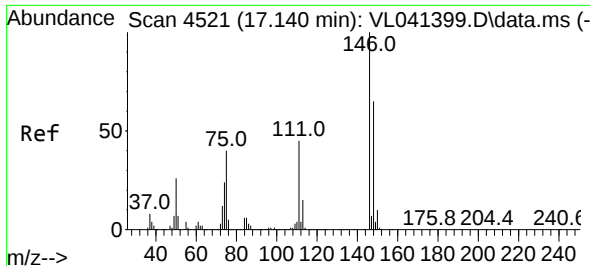
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024



#76
1,4-Dichlorobenzene
Concen: 0.482 ppbv m
RT: 16.465 min Scan# 4311
Delta R.T. -0.007 min
Lab File: VL041402.D
Acq: 25 Jul 2024 16:00

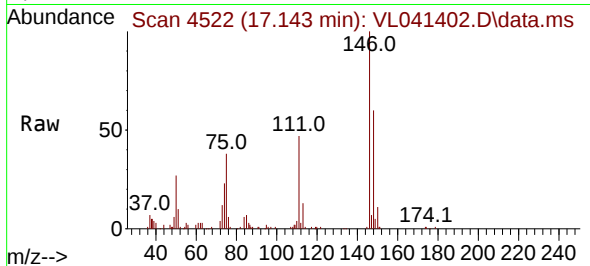
Tgt Ion:146 Resp: 111185
Ion Ratio Lower Upper
146 100
111 0.0 22.4 67.0#
148 0.0 33.1 99.5#





#77
1,2-Dichlorobenzene
Concen: 0.444 ppbv
RT: 17.143 min Scan# 4521
Delta R.T. 0.003 min
Lab File: VL041402.D
Acq: 25 Jul 2024 16:00

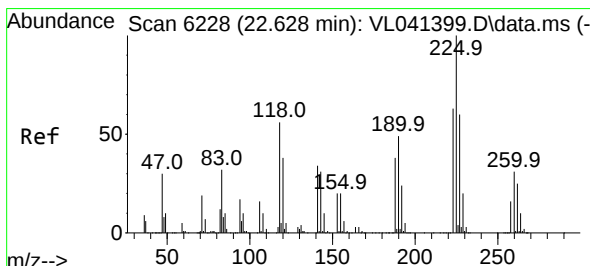
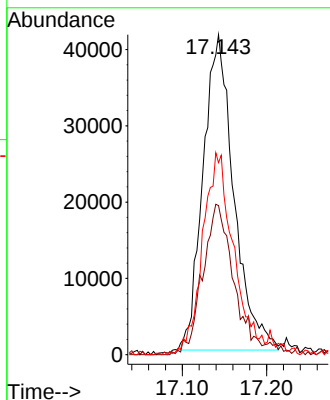
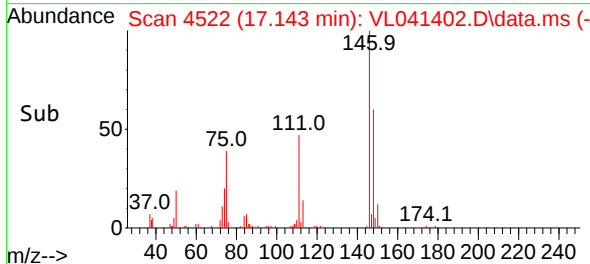
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



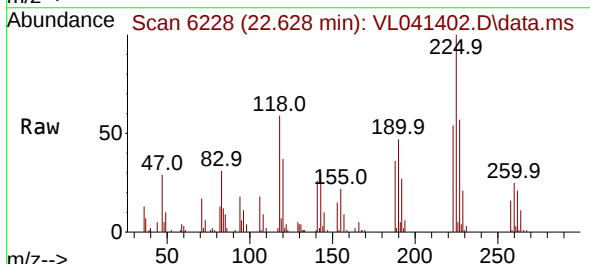
Tgt Ion:146 Resp: 10486
Ion Ratio Lower Upper
146 100
111 49.8 23.4 70.0
148 67.4 32.2 96.6

Manual Integrations
APPROVED

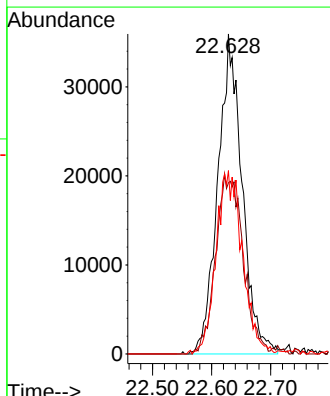
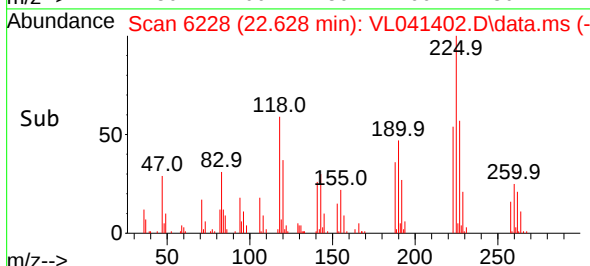
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024

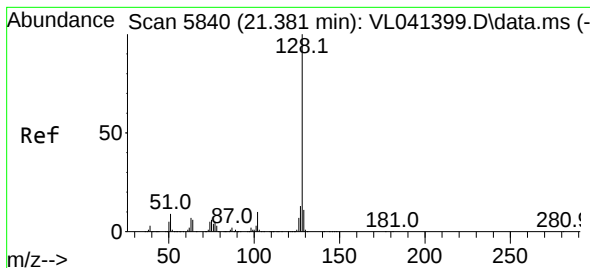


#78
Hexachloro-1,3-Butadiene
Concen: 0.597 ppbv m
RT: 22.628 min Scan# 6228
Delta R.T. -0.000 min
Lab File: VL041402.D
Acq: 25 Jul 2024 16:00



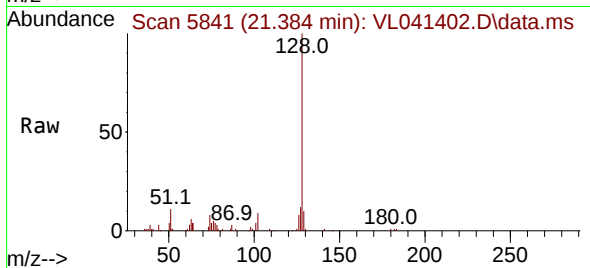
Tgt Ion:225 Resp: 102506
Ion Ratio Lower Upper
225 100
223 64.1 50.6 76.0
227 62.6 50.8 76.2





#79
Naphthalene
Concen: 0.601 ppbv
RT: 21.384 min Scan# 5840
Delta R.T. 0.003 min
Lab File: VL041402.D
Acq: 25 Jul 2024 16:00

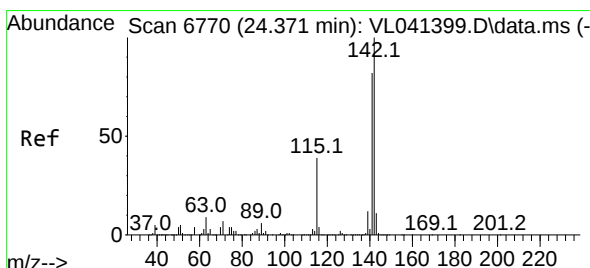
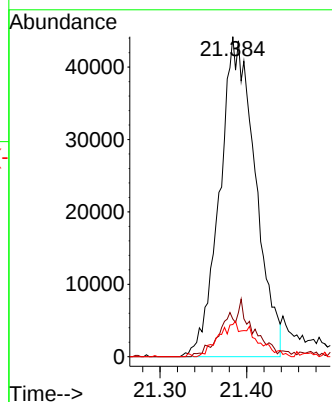
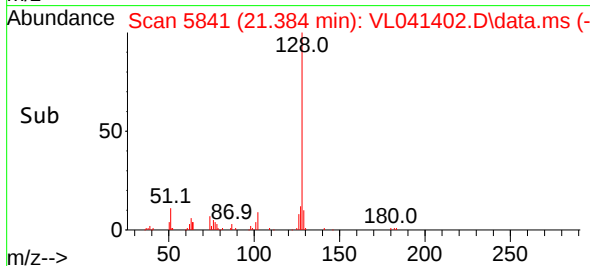
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



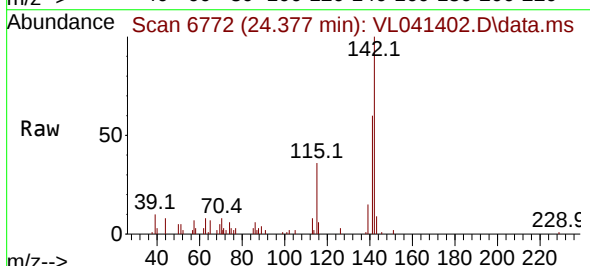
Tgt Ion:128 Resp: 126192
Ion Ratio Lower Upper
128 100
127 11.8 10.3 15.5
129 10.0 9.0 13.4

Manual Integrations
APPROVED

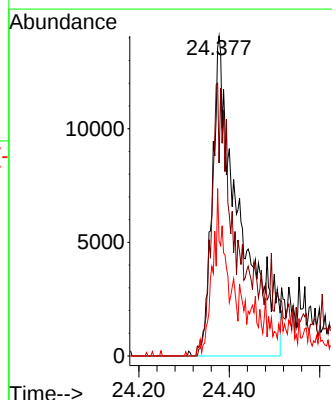
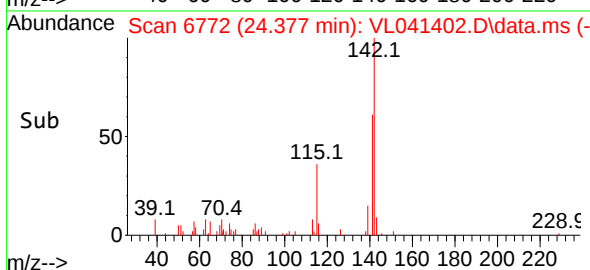
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024

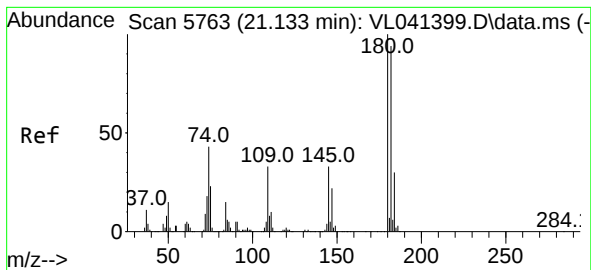


#80
Naphthalene,2-methyl-
Concen: 106.249 ppbv
RT: 24.377 min Scan# 6772
Delta R.T. 0.006 min
Lab File: VL041402.D
Acq: 25 Jul 2024 16:00



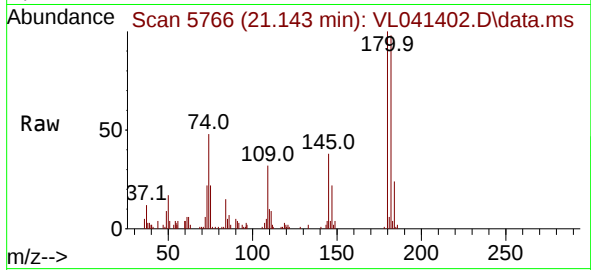
Tgt Ion:142 Resp: 58719
Ion Ratio Lower Upper
142 100
141 77.9 67.0 100.4
115 40.8 32.2 48.2





#81
1,2,4-Trichlorobenzene
Concen: 0.639 ppbv m
RT: 21.143 min Scan# 51
Delta R.T. 0.010 min
Lab File: VL041402.D
Acq: 25 Jul 2024 16:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



Tgt Ion:180 Resp: 82930
Ion Ratio Lower Upper
180 100
182 101.1 76.7 115.1
184 29.9 24.5 36.7

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024

