

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060424\
 Data File : VL041301.D
 Acq On : 4 Jun 2024 11:10
 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 06/05/2024
 Supervised By :Mahesh Dadoda 06/05/2024

Quant Time: Jun 04 11:40:55 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060424AIR.M

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

QLast Update : Tue Jun 04 11:34:39 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.202	49	980259	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2591384	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	2403049	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.770 95 1866736 10.290 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 102.900%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.755	85	91015	0.686	ppbv	96
3) Chlorodifluoromethane	2.697	51	79809	0.536	ppbv	98
4) Chloromethane	2.838	50	30457	0.521	ppbv	93
5) Vinyl Chloride	2.948	62	30198	0.515	ppbv	88
6) Bromomethane	3.144	94	11598m	0.542	ppbv	
7) Chloroethane	3.218	64	10780	0.520	ppbv	98
8) Dichlorotetrafluoroethane	2.880	85	76312	0.556	ppbv	99
9) Propene	2.723	41	30194	0.518	ppbv	98
10) Heptane	7.584	43	63300m	0.448	ppbv	
11) Trichlorofluoromethane	3.581	101	72973	0.542	ppbv	95
12) 1,1,2-Trichlorotrifluo...	4.083	101	50727	0.509	ppbv	93
13) Ethanol	3.282	45	7033m	0.538	ppbv	
14) Bromoethene	3.388	108	21243	0.517	ppbv #	97
15) Acetone	3.501	43	58143	0.503	ppbv	95
16) 1,3-Butadiene	3.009	39	28865m	0.494	ppbv	
17) tert-Butyl alcohol	3.909	59	50284	0.403	ppbv	98
18) 1,1-Dichloroethene	3.899	96	20342	0.458	ppbv	97
19) Isopropyl Alcohol	3.613	45	32213	0.424	ppbv #	99
20) Methylene Chloride	3.948	84	24222	0.602	ppbv	96
21) Allyl Chloride	4.009	41	36104	0.479	ppbv	92
22) trans-1,2-Dichloroethene	4.462	96	22507	0.487	ppbv	94
23) Vinyl Acetate	4.645	43	51932	0.408	ppbv #	93
24) 1,1-Dichloroethane	4.578	63	51048	0.515	ppbv #	96
25) Ethyl Acetate	5.221	43	109354	0.474	ppbv	99
26) Hexane	5.218	57	53394m	0.518	ppbv	
27) Carbon Disulfide	4.144	76	49755	0.408	ppbv #	76
28) Methyl tert-Butyl Ether	4.607	73	36235	0.442	ppbv	94
29) Chloroform	5.285	83	75304	0.530	ppbv	85
30) Cyclohexane	6.603	84	40894m	0.501	ppbv	
31) cis-1,2-Dichloroethene	5.089	61	46307	0.480	ppbv	93
32) 1,1,1-Trichloroethane	6.009	97	73626	0.519	ppbv	98
34) 2-Butanone	4.812	43	59000	0.447	ppbv	94
35) Carbon Tetrachloride	6.500	117	75569	0.520	ppbv #	84
36) Benzene	6.375	78	99933	0.460	ppbv	98
37) 1,2-Dichloroethane	5.816	62	60182	0.530	ppbv	99
38) Trichloroethene	7.295	130	41452m	0.512	ppbv	
39) 1,2-Dichloropropane	7.079	63	41036m	0.490	ppbv	
40) 1,4-Dioxane	7.317	88	13365m	0.446	ppbv	
41) Tetrahydrofuran	5.584	42	39828m	0.417	ppbv	
42) Bromodichloromethane	7.253	83	85809m	0.527	ppbv	
43) Methyl Methacrylate	7.481	69	34540	0.393	ppbv	94
44) 2,2,4-Trimethylpentane	7.330	57	175702m	0.469	ppbv	
45) t-1,3-Dichloropropene	8.713	75	20280	0.318	ppbv	96

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Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/05/2024
 Supervised By :Mahesh Dadoda 06/05/2024

Quant Time: Jun 04 11:40:55 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060424AIR.M

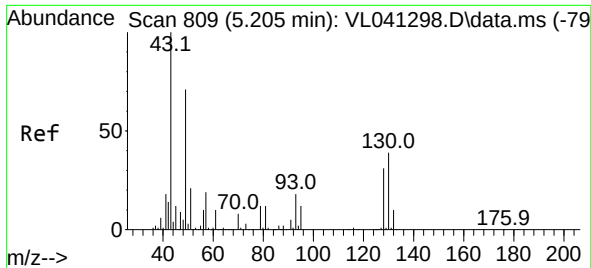
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Tue Jun 04 11:34:39 2024

Response via : Initial Calibration

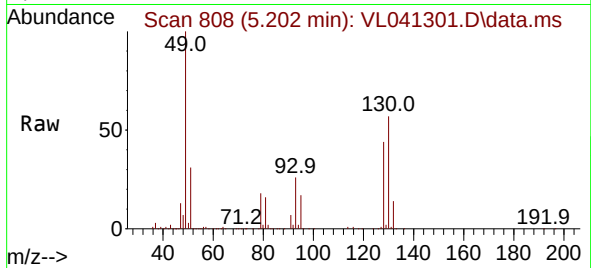
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.137	75	29230m	0.375	ppbv	
47) 1,1,2-Trichloroethane	8.893	97	43239m	0.515	ppbv	
48) Dibromochloromethane	9.713	129	66160m	0.495	ppbv	
49) Bromoform	12.401	173	51131	0.450	ppbv	97
50) 4-Methyl-2-Pentanone	8.198	43	95227	0.402	ppbv	100
51) 2-Hexanone	9.574	43	66292m	0.378	ppbv	
52) Tetrachloroethene	10.610	164	40083m	0.524	ppbv	
53) Toluene	9.217	91	110445	0.438	ppbv	99
54) 1,2-Dibromoethane	10.012	107	55061m	0.485	ppbv	
56) 1,1,1,2-Tetrachloroethane	11.497	131	52651m	0.540	ppbv	
57) Chlorobenzene	11.523	112	94224	0.535	ppbv #	94
58) Ethyl Benzene	12.085	91	153781	0.467	ppbv	95
59) m/p-Xylene	12.368	91	267309m	0.965	ppbv	
60) o-Xylene	13.053	91	127549	0.491	ppbv	97
61) Styrene	12.896	104	55818m	0.407	ppbv	
62) Isopropylbenzene	14.024	105	195726	0.504	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.040	83	91373	0.516	ppbv	96
64) n-propylbenzene	14.912	120	49529	0.511	ppbv	96
65) tert-Butylbenzene	16.085	119	172978	0.497	ppbv	99
66) Benzyl Chloride	16.333	91	9367m	0.238	ppbv	
67) sec-Butylbenzene	16.629	105	241479	0.493	ppbv	100
69) p-Isopropyltoluene	16.989	119	192579	0.477	ppbv	97
70) n-Butylbenzene	17.886	91	198312	0.471	ppbv	98
71) 2-Chlorotoluene	14.793	91	150020	0.507	ppbv	97
72) 4-Ethyltoluene	15.185	105	145994m	0.497	ppbv	
73) 1,3,5-Trimethylbenzene	15.349	105	123389	0.464	ppbv	96
74) 1,2,4-Trimethylbenzene	16.098	105	143873	0.495	ppbv #	89
75) 1,3-Dichlorobenzene	16.323	146	84045	0.504	ppbv	94
76) 1,4-Dichlorobenzene	16.468	146	89681m	0.560	ppbv	
77) 1,2-Dichlorobenzene	17.137	146	91296m	0.548	ppbv	
78) Hexachloro-1,3-Butadiene	22.622	225	78297m	0.529	ppbv	
79) Naphthalene	21.381	128	107540m	0.389	ppbv	
80) Naphthalene,2-methyl-	24.371	142	26477m	0.238	ppbv	
81) 1,2,4-Trichlorobenzene	21.146	180	64288m	0.440	ppbv	

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.202 min Scan# 809
Delta R.T. -0.003 min
Lab File: VL041301.D
Acq: 4 Jun 2024 11:10

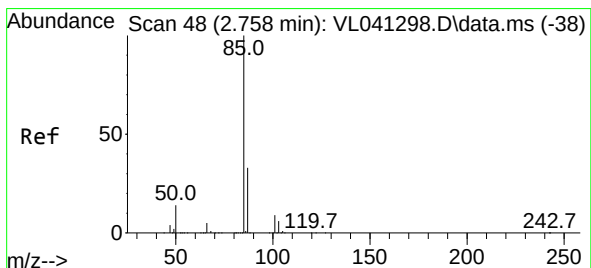
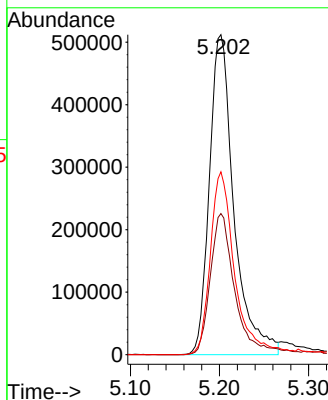
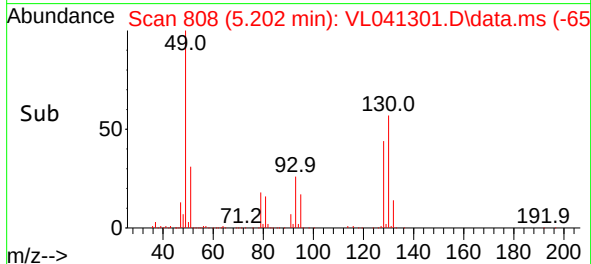
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 49 Resp: 98025
Ion Ratio Lower Upper
49 100
128 46.2 22.8 68.3
130 58.9 28.4 85.3

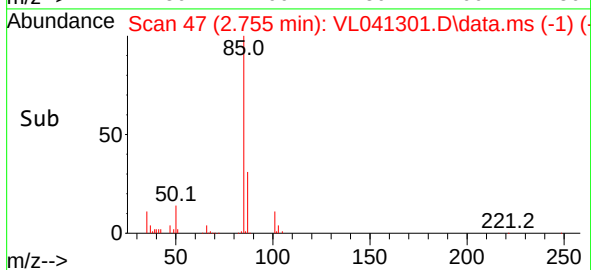
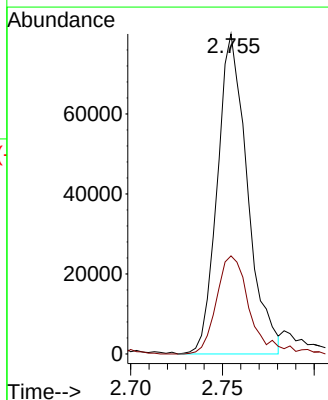
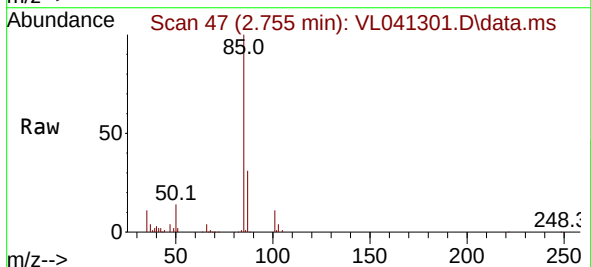
Manual Integrations
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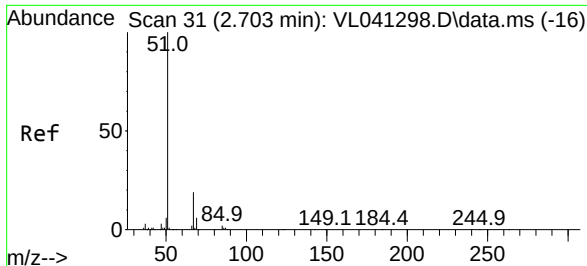
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#2
Dichlorodifluoromethane
Concen: 0.686 ppbv
RT: 2.755 min Scan# 47
Delta R.T. -0.003 min
Lab File: VL041301.D
Acq: 4 Jun 2024 11:10

Tgt Ion: 85 Resp: 91015
Ion Ratio Lower Upper
85 100
87 30.7 26.5 39.7





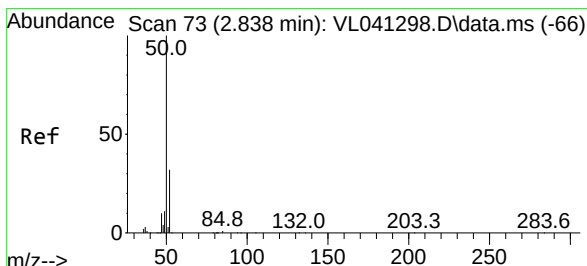
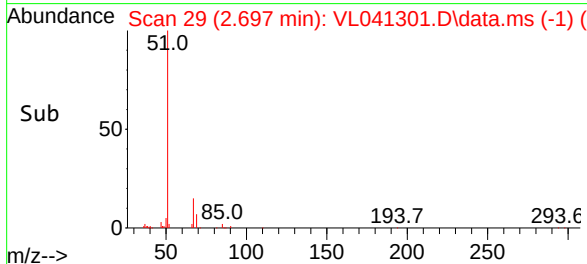
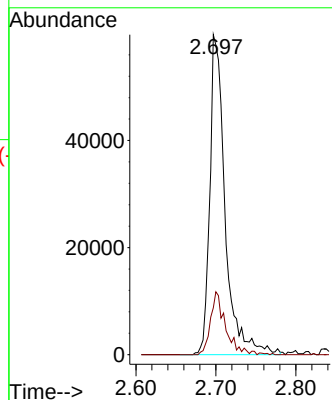
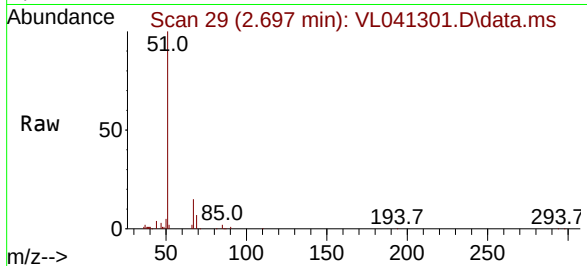
#3
Chlorodifluoromethane
Concen: 0.536 ppbv
RT: 2.697 min Scan# 29
Delta R.T. -0.006 min
Lab File: VL041301.D
Acq: 4 Jun 2024 11:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 51 Resp: 79809
Ion Ratio Lower Upper
51 100
67 19.2 14.7 22.1

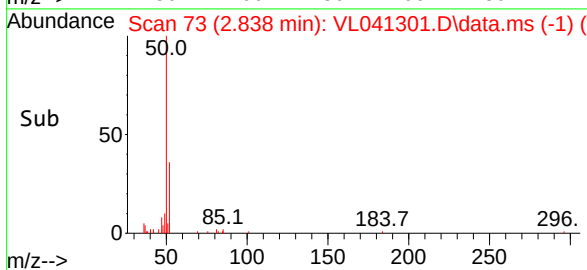
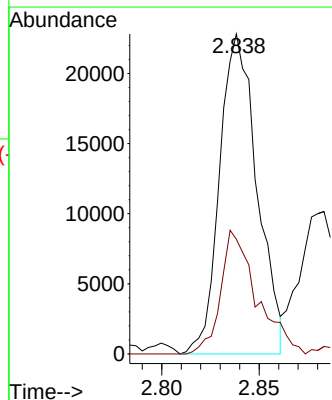
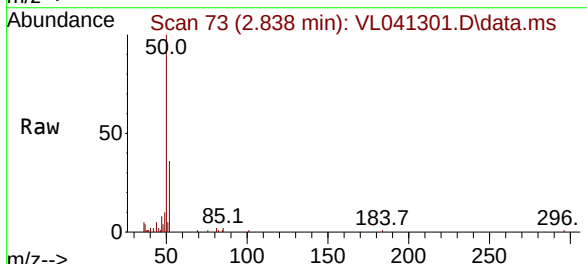
Manual Integrations
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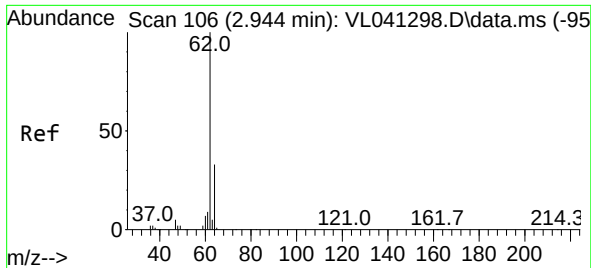
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#4
Chloromethane
Concen: 0.521 ppbv
RT: 2.838 min Scan# 73
Delta R.T. 0.000 min
Lab File: VL041301.D
Acq: 4 Jun 2024 11:10

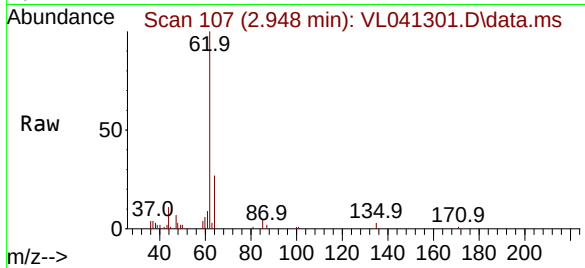
Tgt Ion: 50 Resp: 30457
Ion Ratio Lower Upper
50 100
52 35.8 25.6 38.4





#5
 Vinyl Chloride
 Concen: 0.515 ppbv
 RT: 2.948 min Scan# 106
 Delta R.T. 0.003 min
 Lab File: VL041301.D
 Acq: 4 Jun 2024 11:10

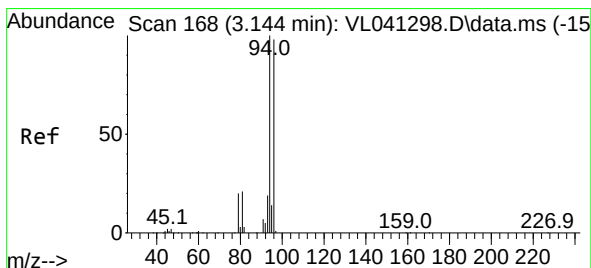
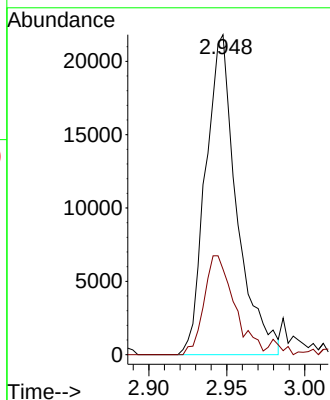
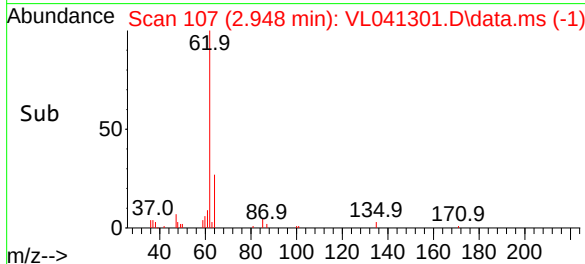
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



Tgt Ion: 62 Resp: 30198
 Ion Ratio Lower Upper
 62 100
 64 26.7 26.6 40.0

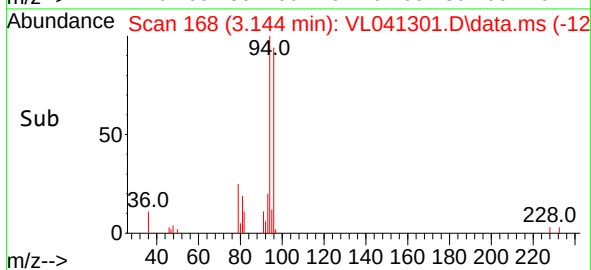
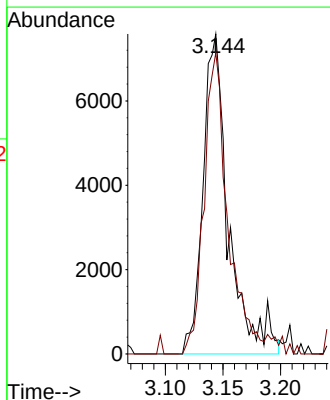
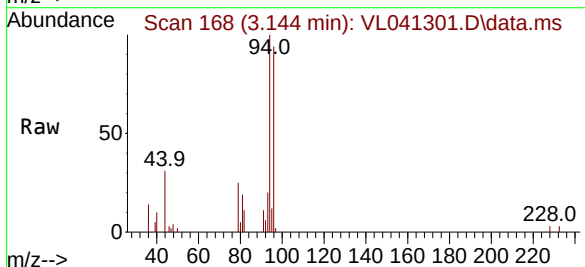
Manual Integrations
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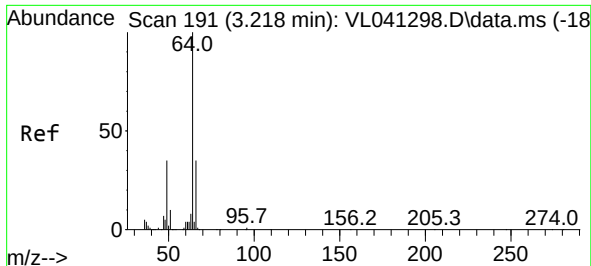
Reviewed By :Semsettin Yesilyurt 06/05/2024
 Supervised By :Mahesh Dadoda 06/05/2024



#6
 Bromomethane
 Concen: 0.542 ppbv m
 RT: 3.144 min Scan# 168
 Delta R.T. 0.000 min
 Lab File: VL041301.D
 Acq: 4 Jun 2024 11:10

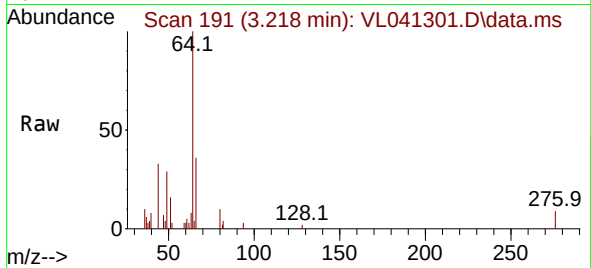
Tgt Ion: 94 Resp: 11598
 Ion Ratio Lower Upper
 94 100
 96 94.2 78.6 117.8





#7
Chloroethane
Concen: 0.520 ppbv
RT: 3.218 min Scan# 191
Delta R.T. 0.000 min
Lab File: VL041301.D
Acq: 4 Jun 2024 11:10

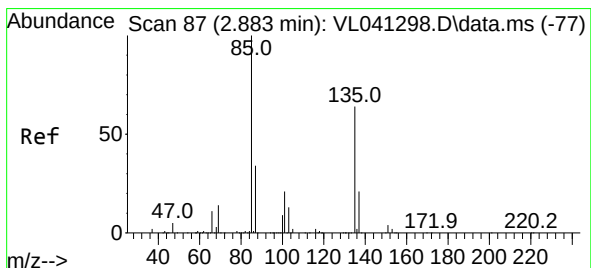
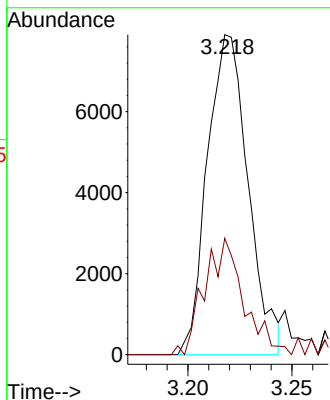
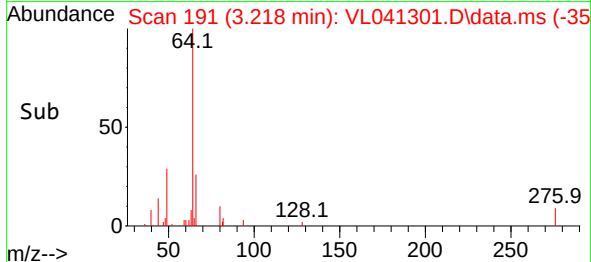
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 64 Resp: 10780
Ion Ratio Lower Upper
64 100
66 36.4 28.1 42.1

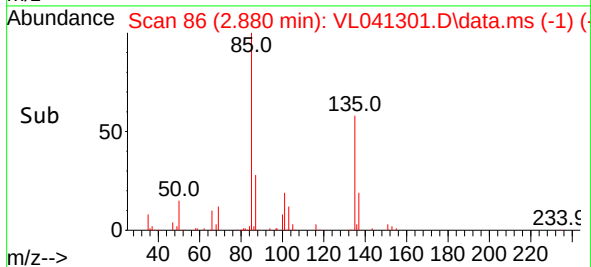
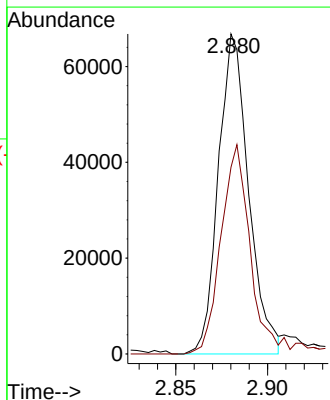
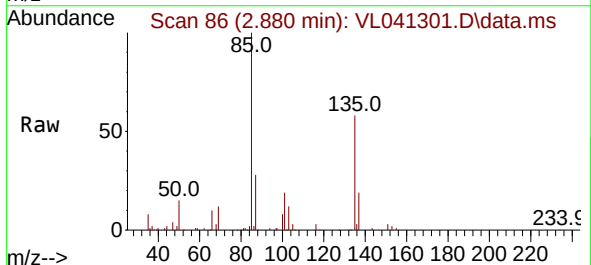
Manual Integrations
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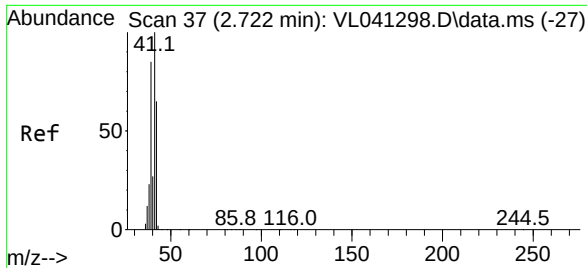
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#8
Dichlorotetrafluoroethane
Concen: 0.556 ppbv
RT: 2.880 min Scan# 86
Delta R.T. -0.003 min
Lab File: VL041301.D
Acq: 4 Jun 2024 11:10

Tgt Ion: 85 Resp: 76312
Ion Ratio Lower Upper
85 100
135 65.7 51.7 77.5





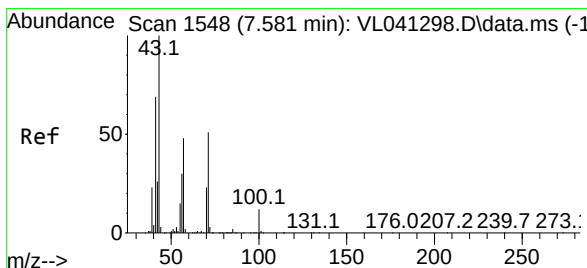
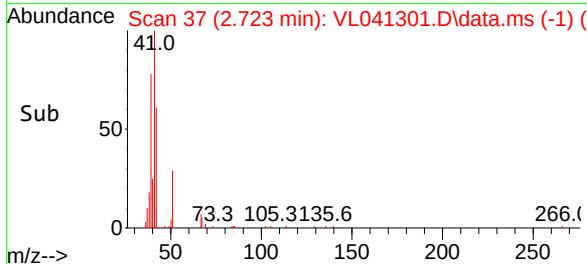
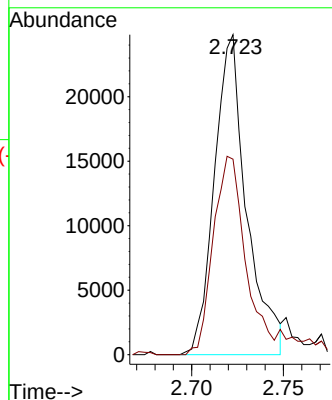
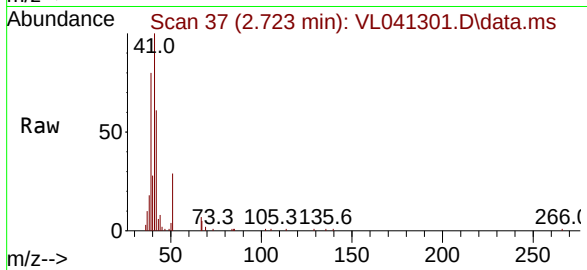
#9
 Propene
 Concen: 0.518 ppbv
 RT: 2.723 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VL041301.D
 Acq: 4 Jun 2024 11:10

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tgt Ion: 41 Resp: 30194
 Ion Ratio Lower Upper
 41 100
 42 71.0 55.2 82.8

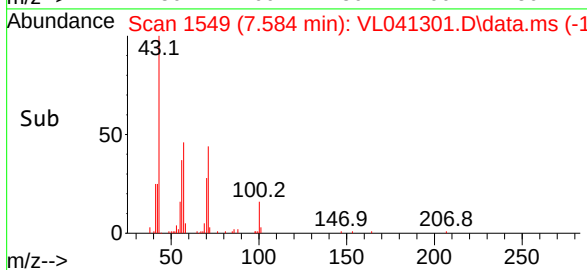
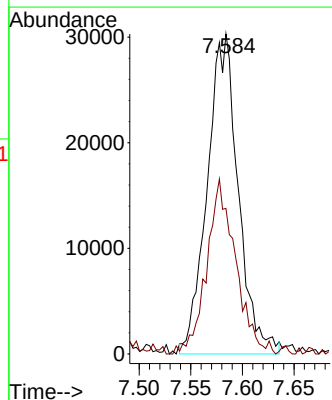
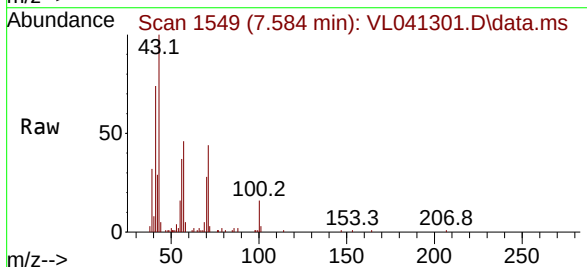
Manual Integrations
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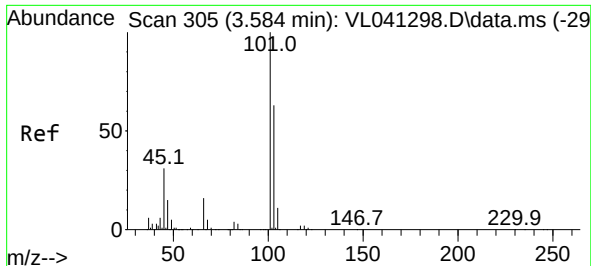
Reviewed By :Semsettin Yesilyurt 06/05/2024
 Supervised By :Mahesh Dadoda 06/05/2024



#10
 Heptane
 Concen: 0.448 ppbv m
 RT: 7.584 min Scan# 1549
 Delta R.T. 0.003 min
 Lab File: VL041301.D
 Acq: 4 Jun 2024 11:10

Tgt Ion: 43 Resp: 63300
 Ion Ratio Lower Upper
 43 100
 57 51.4 39.0 58.4





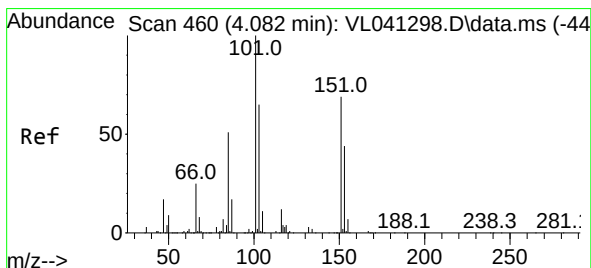
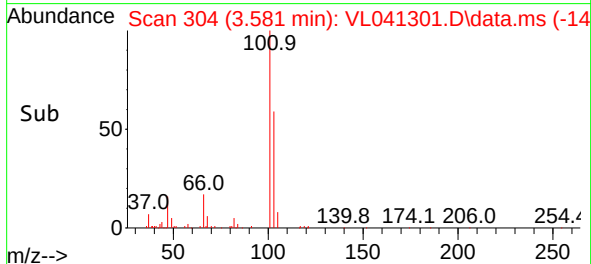
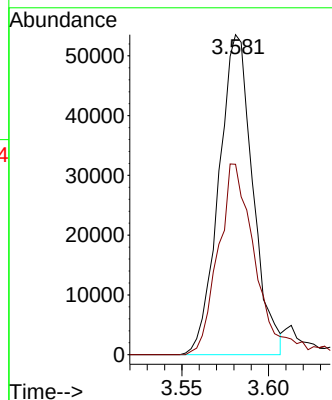
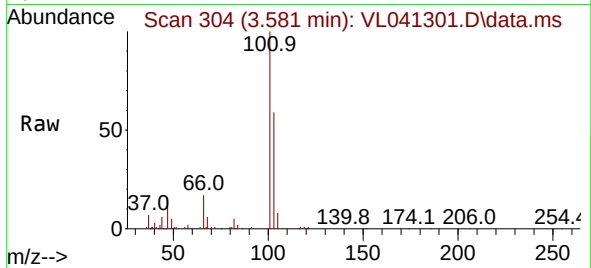
#11
Trichlorofluoromethane
Concen: 0.542 ppbv
RT: 3.581 min Scan# 305
Delta R.T. -0.003 min
Lab File: VL041301.D
Acq: 4 Jun 2024 11:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:101 Resp: 7297
Ion Ratio Lower Upper
101 100
103 59.5 50.6 76.0

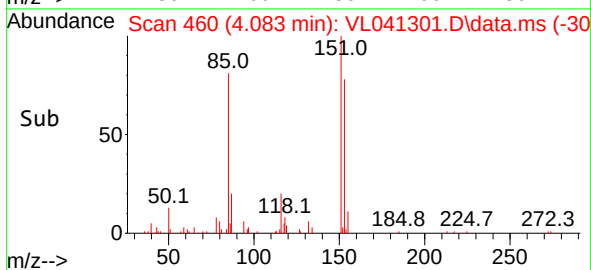
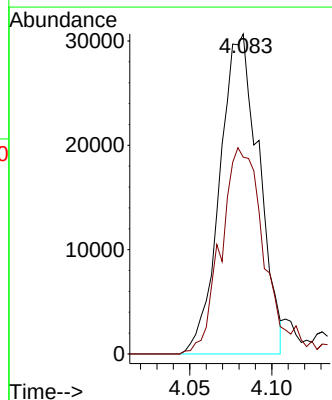
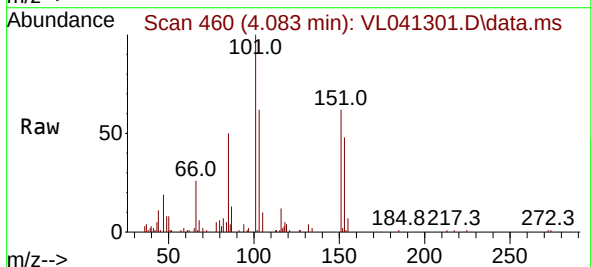
Manual Integrations
APPROVED

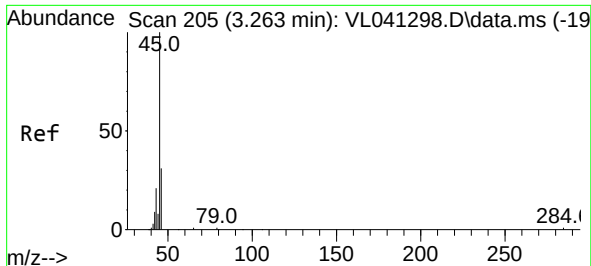
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.509 ppbv
RT: 4.083 min Scan# 460
Delta R.T. 0.000 min
Lab File: VL041301.D
Acq: 4 Jun 2024 11:10

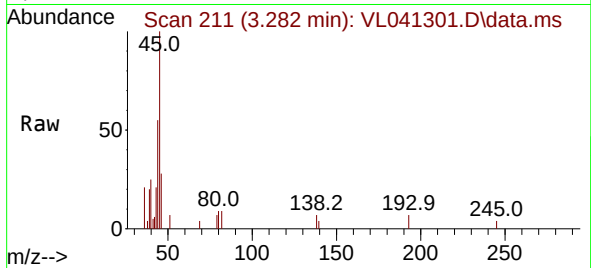
Tgt Ion:101 Resp: 50727
Ion Ratio Lower Upper
101 100
151 74.1 54.8 82.2





#13
Ethanol
Concen: 0.538 ppbv m
RT: 3.282 min Scan# 211
Delta R.T. 0.019 min
Lab File: VL041301.D
Acq: 4 Jun 2024 11:10

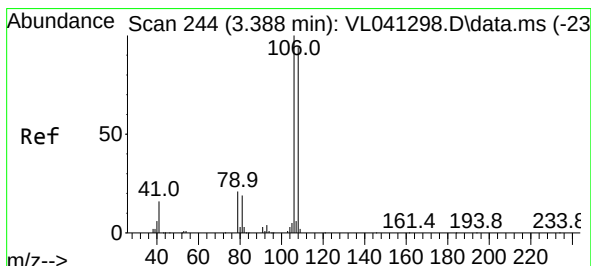
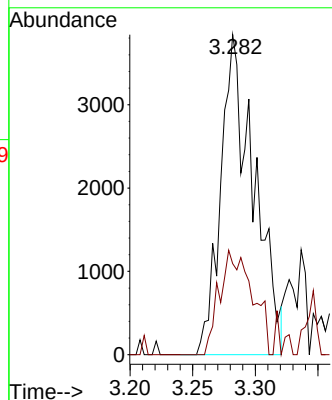
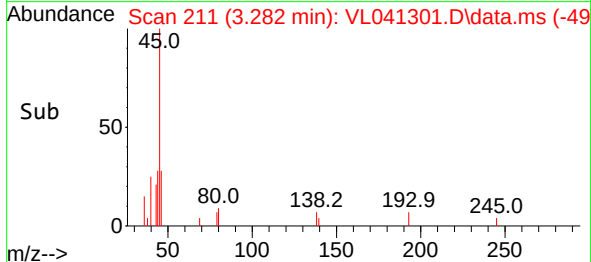
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



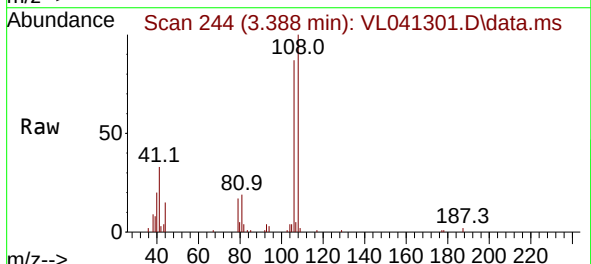
Tgt Ion: 45 Resp: 703
Ion Ratio Lower Upper
45 100
46 33.9 14.2 56.6

Manual Integrations
APPROVED

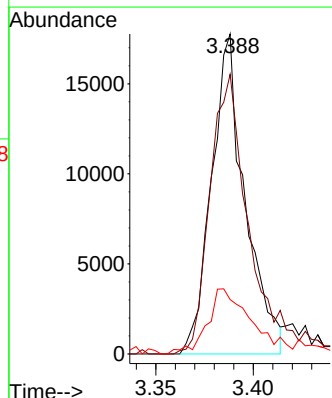
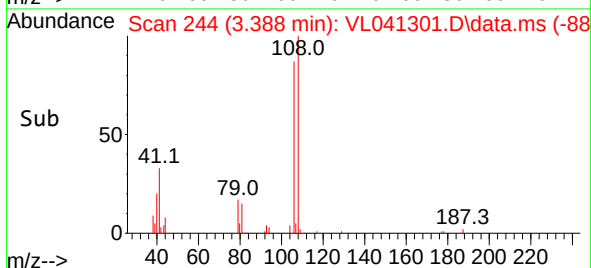
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024

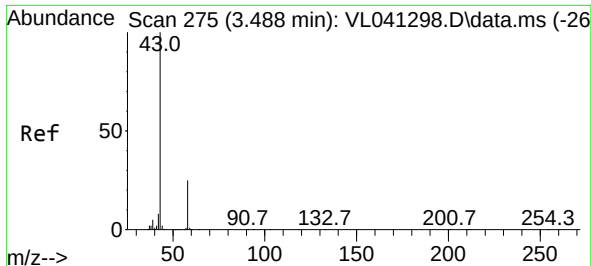


#14
Bromoethene
Concen: 0.517 ppbv
RT: 3.388 min Scan# 244
Delta R.T. 0.000 min
Lab File: VL041301.D
Acq: 4 Jun 2024 11:10



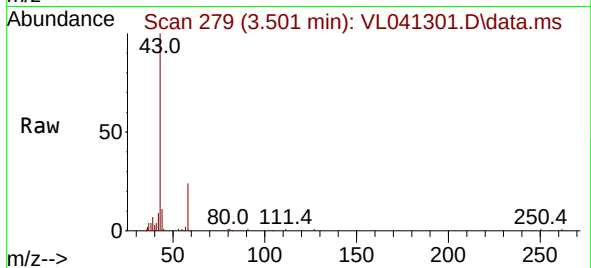
Tgt Ion:108 Resp: 21243
Ion Ratio Lower Upper
108 100
106 106.2 85.4 128.0
79 30.3 17.8 26.8#





#15
Acetone
Concen: 0.503 ppbv
RT: 3.501 min Scan# 279
Delta R.T. 0.013 min
Lab File: VL041301.D
Acq: 4 Jun 2024 11:10

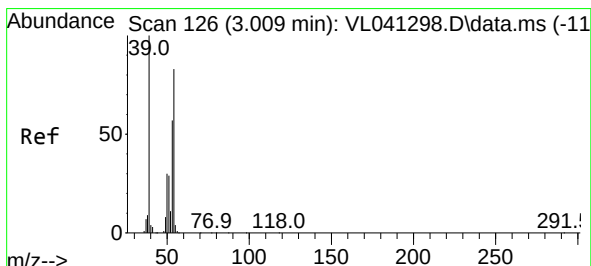
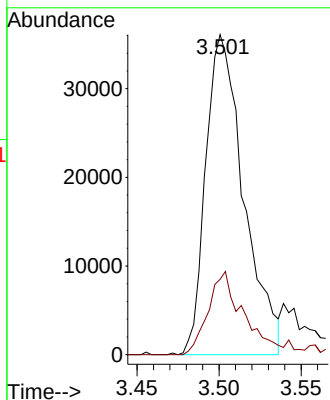
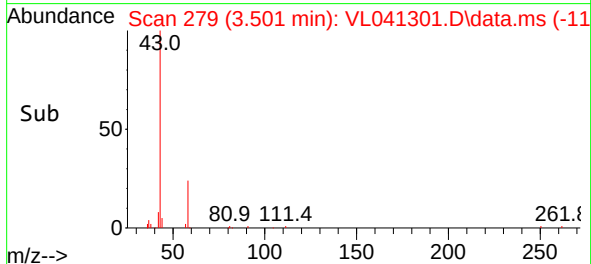
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



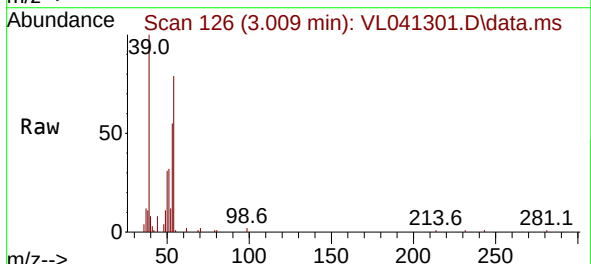
Tgt Ion: 43 Resp: 5814
Ion Ratio Lower Upper
43 100
58 28.1 20.6 31.0

Manual Integrations
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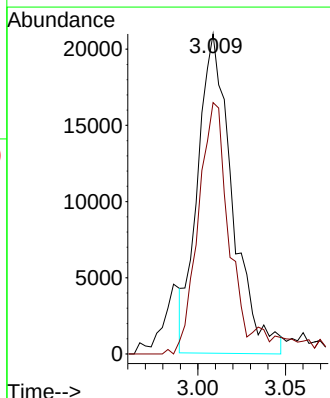
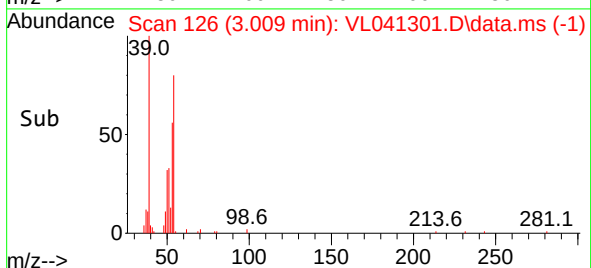
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024

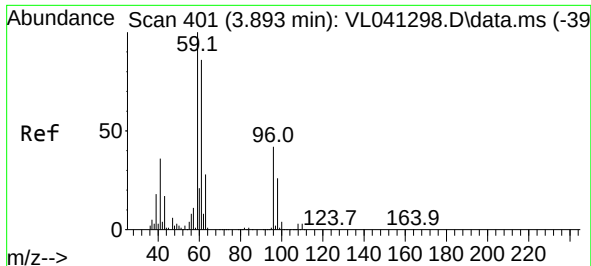


#16
1,3-Butadiene
Concen: 0.494 ppbv m
RT: 3.009 min Scan# 126
Delta R.T. 0.000 min
Lab File: VL041301.D
Acq: 4 Jun 2024 11:10



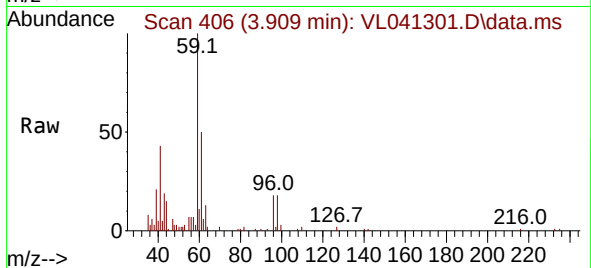
Tgt Ion: 39 Resp: 28865
Ion Ratio Lower Upper
39 100
54 78.6 60.5 90.7





#17
tert-Butyl alcohol
Concen: 0.403 ppbv
RT: 3.909 min Scan# 406
Delta R.T. 0.016 min
Lab File: VL041301.D
Acq: 4 Jun 2024 11:10

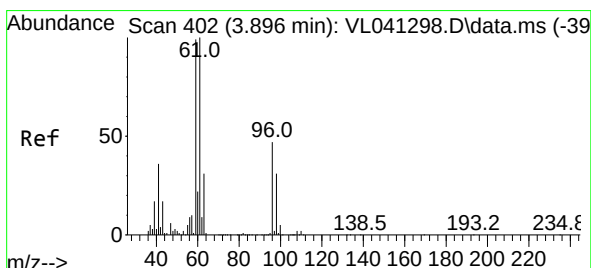
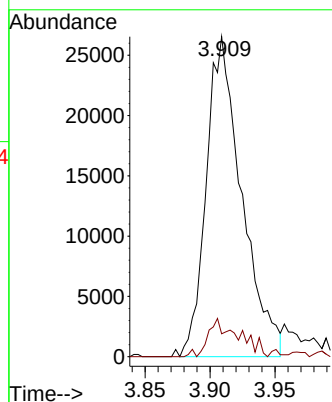
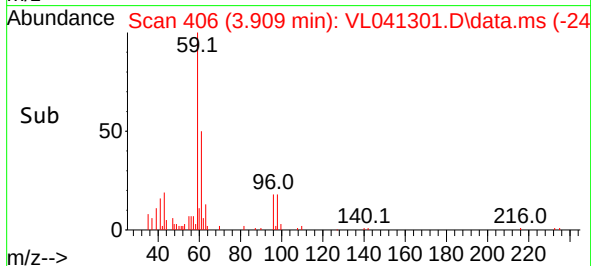
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 59 Resp: 50284
Ion Ratio Lower Upper
59 100
57 12.1 9.0 13.4

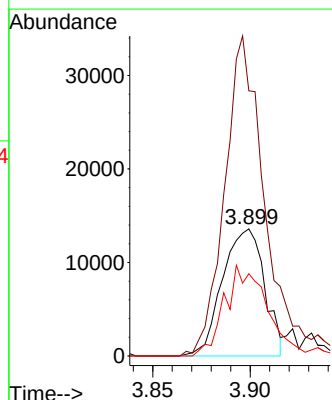
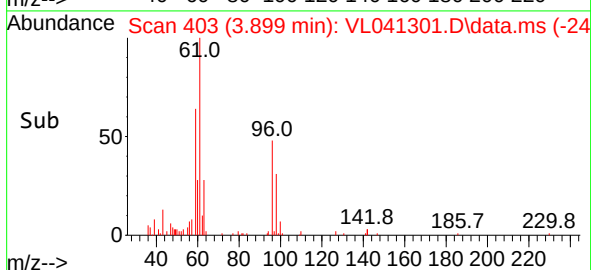
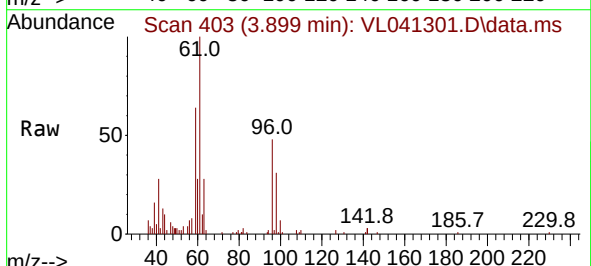
Manual Integrations
APPROVED

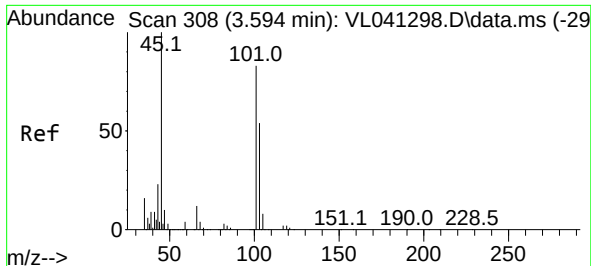
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#18
1,1-Dichloroethene
Concen: 0.458 ppbv
RT: 3.899 min Scan# 403
Delta R.T. 0.003 min
Lab File: VL041301.D
Acq: 4 Jun 2024 11:10

Tgt Ion: 96 Resp: 20342
Ion Ratio Lower Upper
96 100
61 208.7 171.8 257.8
98 64.7 53.1 79.7





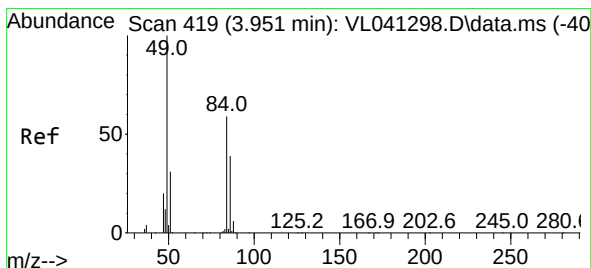
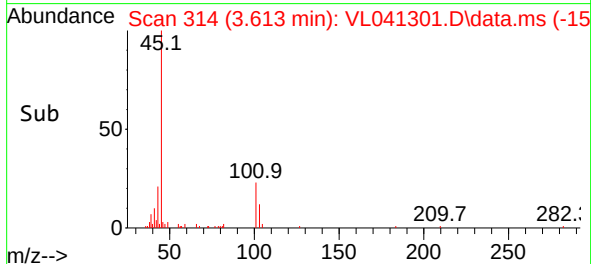
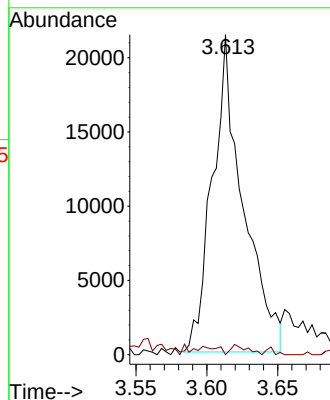
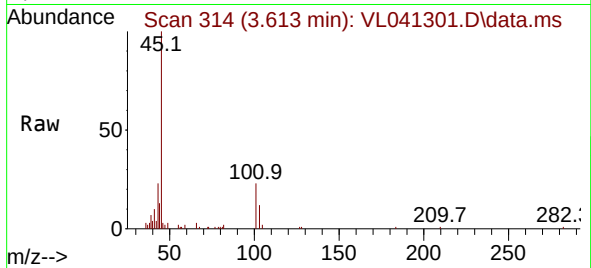
#19
Isopropyl Alcohol
Concen: 0.424 ppbv
RT: 3.613 min Scan# 314
Delta R.T. 0.019 min
Lab File: VL041301.D
Acq: 4 Jun 2024 11:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 45 Resp: 3221
Ion Ratio Lower Upper
45 100
58 2.2 1.4 2.2

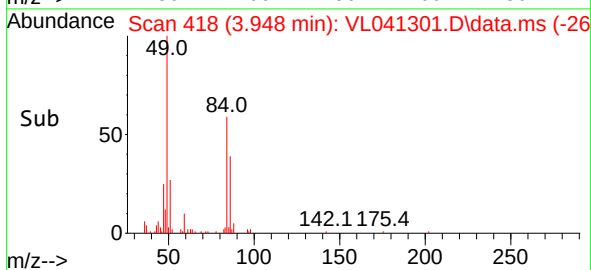
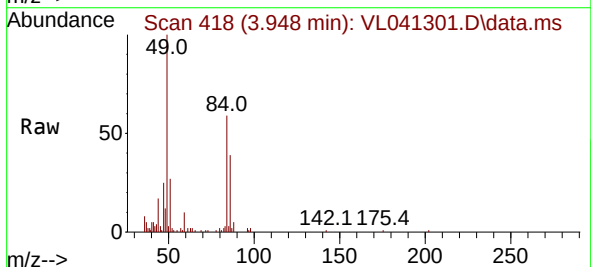
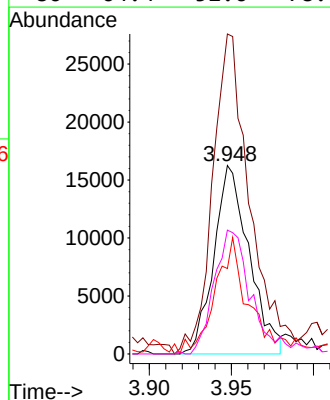
Manual Integrations
APPROVED

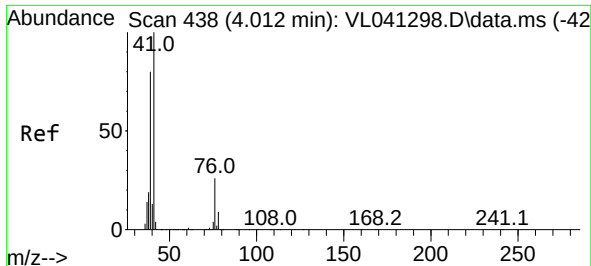
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#20
Methylene Chloride
Concen: 0.602 ppbv
RT: 3.948 min Scan# 418
Delta R.T. -0.003 min
Lab File: VL041301.D
Acq: 4 Jun 2024 11:10

Tgt Ion: 84 Resp: 24222
Ion Ratio Lower Upper
84 100
49 167.0 136.2 204.2
51 45.4 41.9 62.9
86 64.4 52.6 78.8





#21

Allyl Chloride

Concen: 0.479 ppbv

RT: 4.009 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL041301.D

Acq: 4 Jun 2024 11:10

Instrument :

MSVOA_L

ClientSampleId :

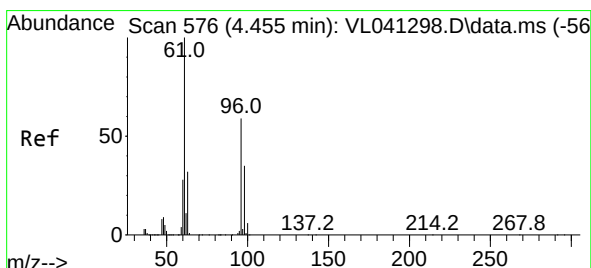
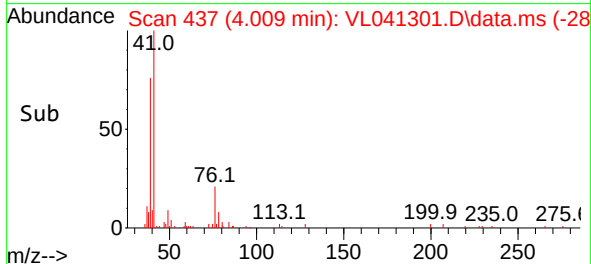
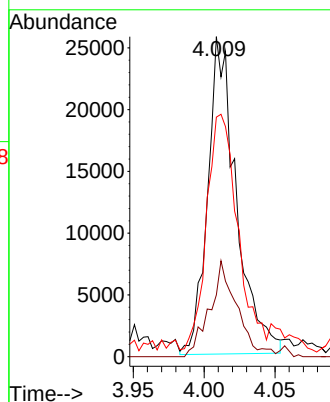
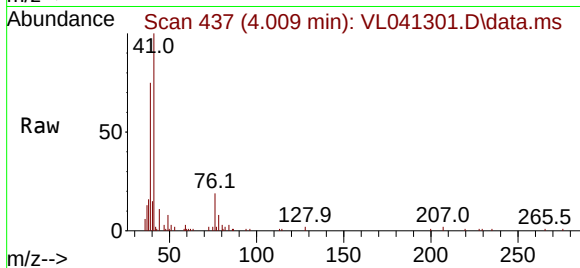
VSTDICC0.5

Tgt Ion: 41	Resp: 36104
Ion Ratio	Lower Upper
41	100
76	29.9 22.3 33.5
39	91.2 66.3 99.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#22

trans-1,2-Dichloroethene

Concen: 0.487 ppbv

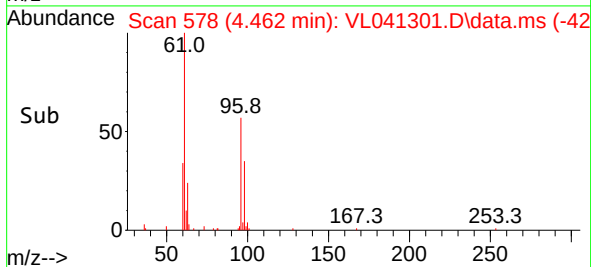
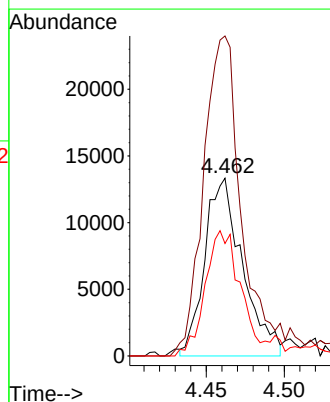
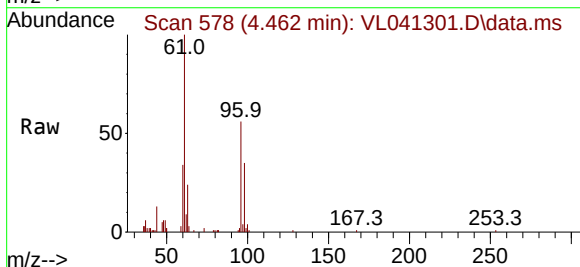
RT: 4.462 min Scan# 578

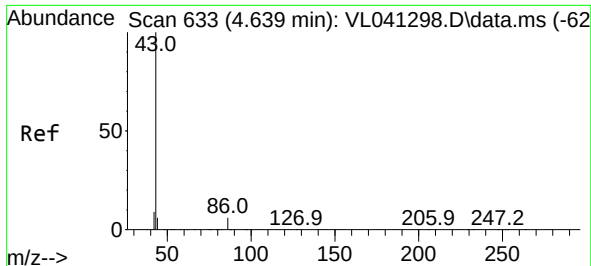
Delta R.T. 0.006 min

Lab File: VL041301.D

Acq: 4 Jun 2024 11:10

Tgt Ion: 96	Resp: 22507
Ion Ratio	Lower Upper
96	100
61	179.5 135.5 203.3
98	61.9 47.6 71.4





#23
 Vinyl Acetate
 Concen: 0.408 ppbv
 RT: 4.645 min Scan# 613
 Delta R.T. 0.006 min
 Lab File: VL041301.D
 Acq: 4 Jun 2024 11:10

Instrument :

MSVOA_L

ClientSampleId :

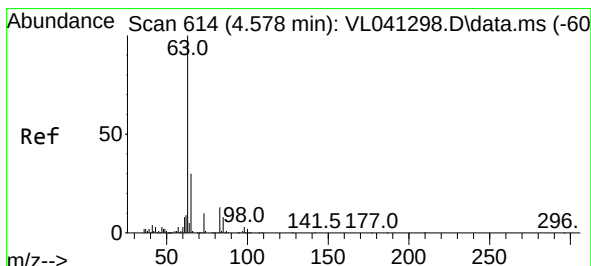
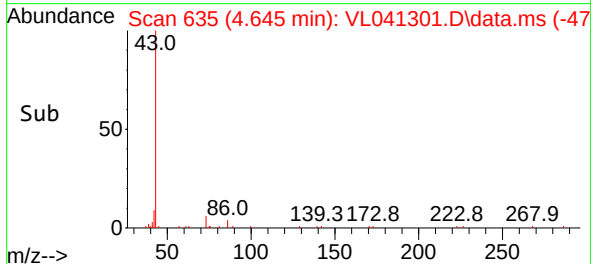
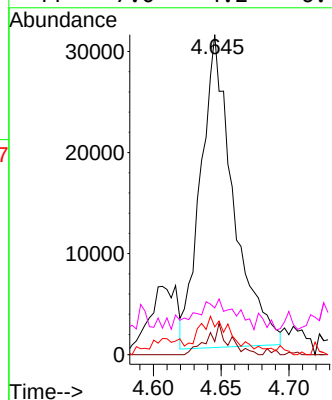
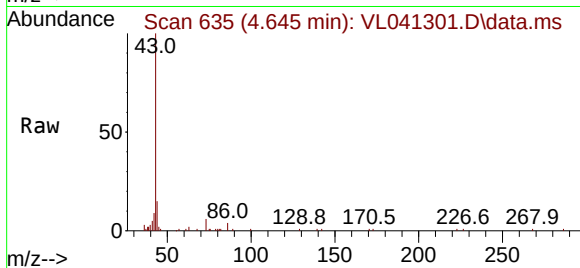
VSTDIC0.5

Tgt Ion: 43 Resp: 5193
 Ion Ratio Lower Upper
 43 100
 86 4.4 4.7 7.1
 42 6.3 8.0 12.0
 44 7.0 4.2 6.4

Manual Integrations

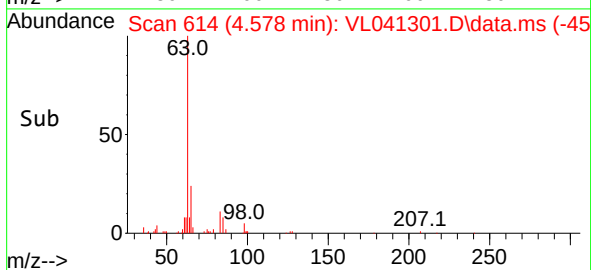
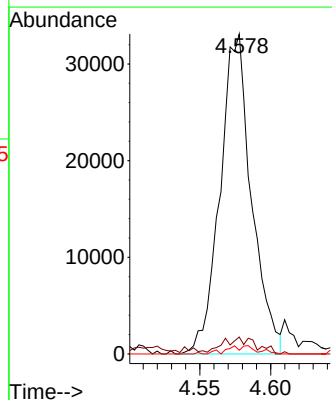
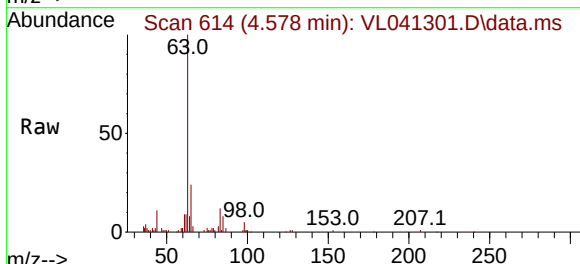
APPROVED

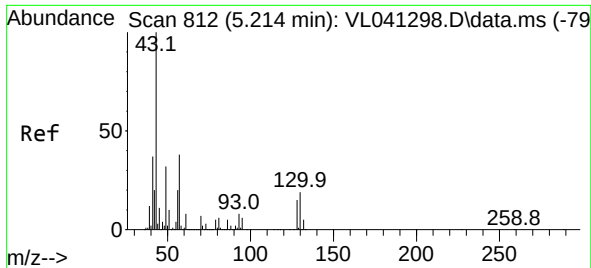
Reviewed By :Semsettin Yesilyurt 06/05/2024
 Supervised By :Mahesh Dadoda 06/05/2024



#24
 1,1-Dichloroethane
 Concen: 0.515 ppbv
 RT: 4.578 min Scan# 614
 Delta R.T. 0.000 min
 Lab File: VL041301.D
 Acq: 4 Jun 2024 11:10

Tgt Ion: 63 Resp: 51048
 Ion Ratio Lower Upper
 63 100
 98 5.3 1.9 5.7
 100 1.1 1.1 3.5





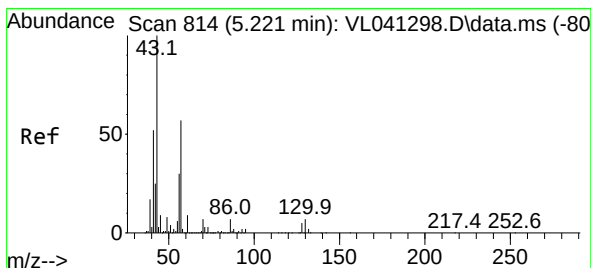
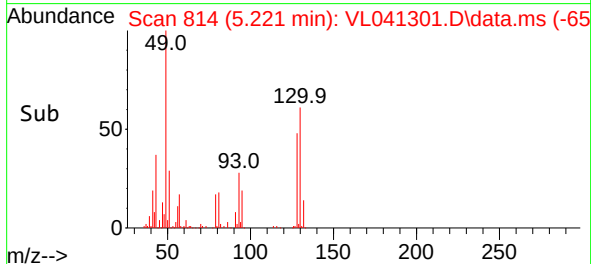
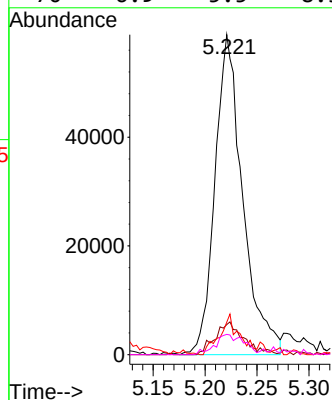
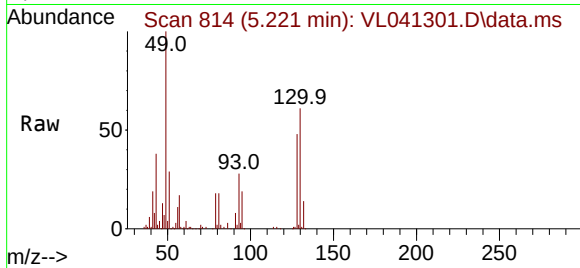
#25
Ethyl Acetate
Concen: 0.474 ppbv
RT: 5.221 min Scan# 812
Delta R.T. 0.006 min
Lab File: VL041301.D
Acq: 4 Jun 2024 11:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 43	Resp: 109354
Ion Ratio	Lower Upper
43 100	
45 10.5	8.1 12.1
61 9.8	7.4 11.0
70 6.9	5.5 8.3

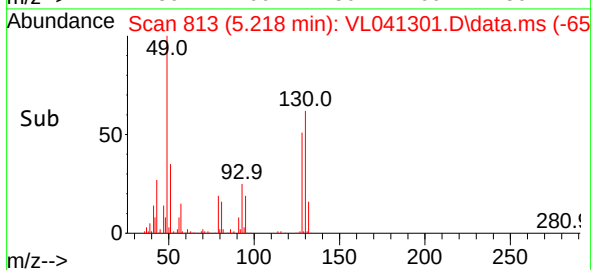
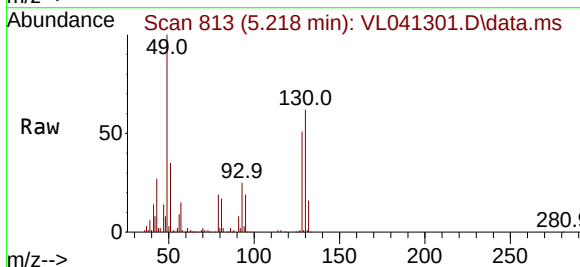
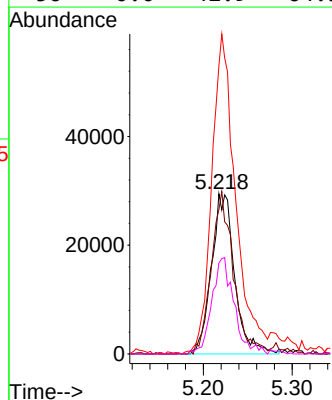
Manual Integrations
APPROVED

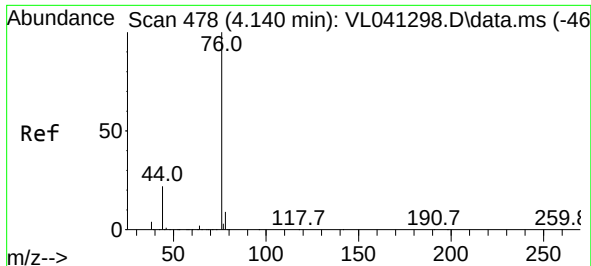
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#26
Hexane
Concen: 0.518 ppbv m
RT: 5.218 min Scan# 813
Delta R.T. -0.003 min
Lab File: VL041301.D
Acq: 4 Jun 2024 11:10

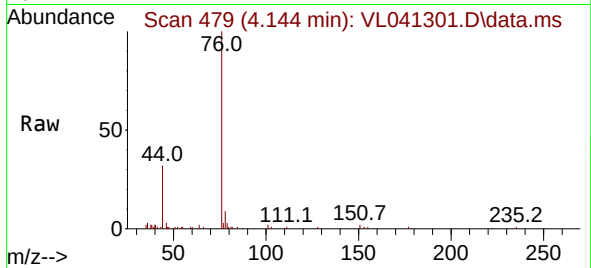
Tgt	Ion: 57	Resp:	53394
Ion	Ratio	Lower	Upper
57	100		
41	100.4	77.1	115.7
43	213.2	186.1	279.1
56	0.0	42.9	64.3#





#27
Carbon Disulfide
Concen: 0.408 ppbv
RT: 4.144 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL041301.D
Acq: 4 Jun 2024 11:10

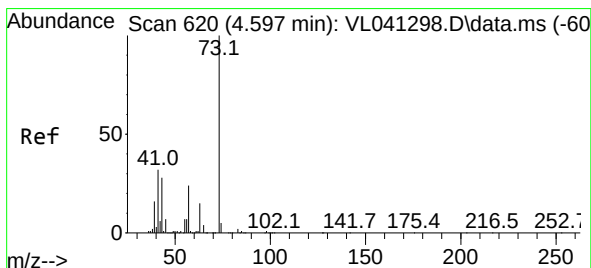
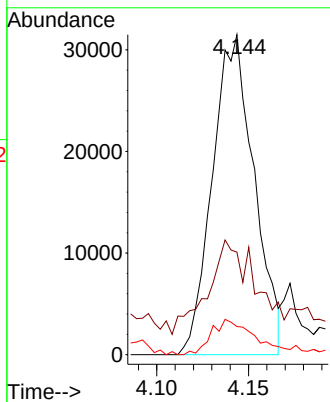
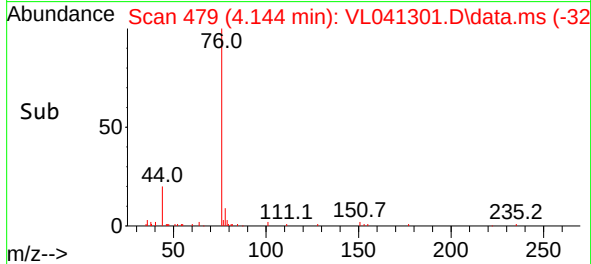
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



Tgt Ion: 76 Resp: 4975
Ion Ratio Lower Upper
76 100
44 37.1 17.7 26.5
78 12.5 7.8 11.6

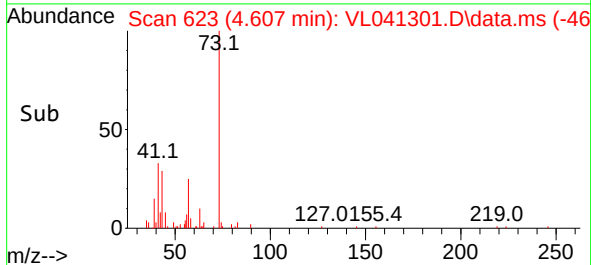
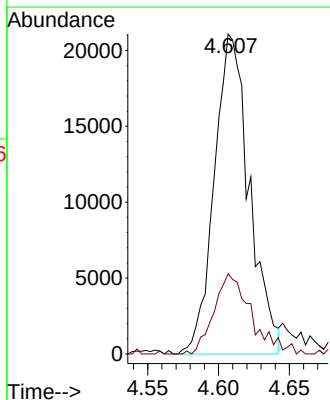
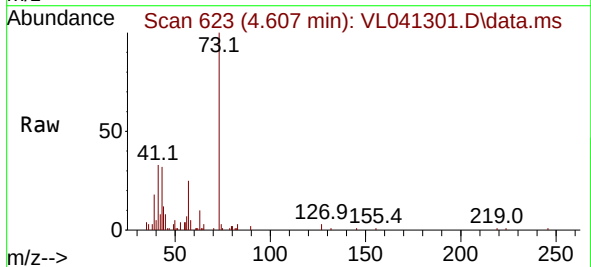
Manual Integrations
APPROVED

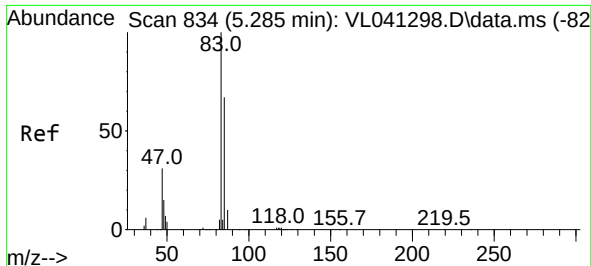
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#28
Methyl tert-Butyl Ether
Concen: 0.442 ppbv
RT: 4.607 min Scan# 623
Delta R.T. 0.010 min
Lab File: VL041301.D
Acq: 4 Jun 2024 11:10

Tgt Ion: 73 Resp: 36235
Ion Ratio Lower Upper
73 100
57 27.0 19.2 28.8





#29

Chloroform

Concen: 0.530 ppbv

RT: 5.285 min Scan# 81

Delta R.T. 0.000 min

Lab File: VL041301.D

Acq: 4 Jun 2024 11:10

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion: 83 Resp: 75304

Ion Ratio Lower Upper

83 100

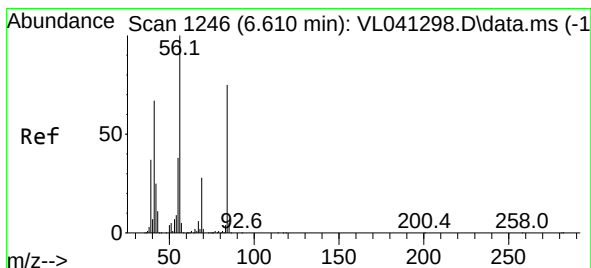
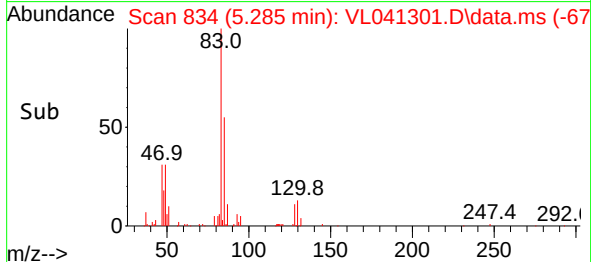
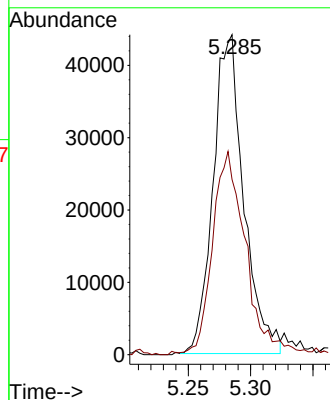
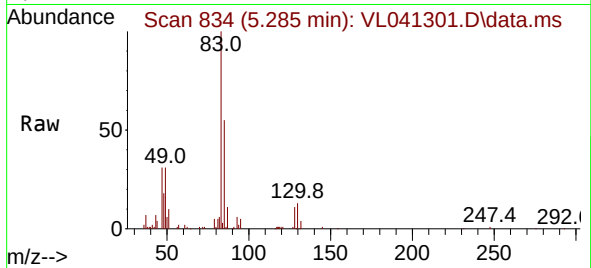
85 54.3 53.3 79.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/05/2024

Supervised By :Mahesh Dadoda 06/05/2024



#30

Cyclohexane

Concen: 0.501 ppbv m

RT: 6.603 min Scan# 1244

Delta R.T. -0.006 min

Lab File: VL041301.D

Acq: 4 Jun 2024 11:10

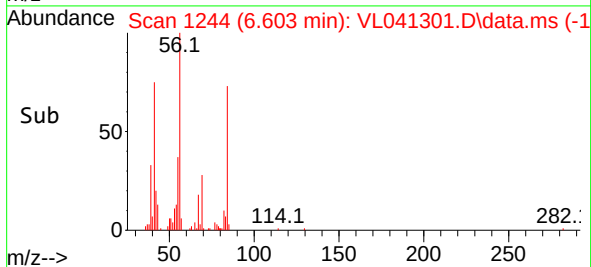
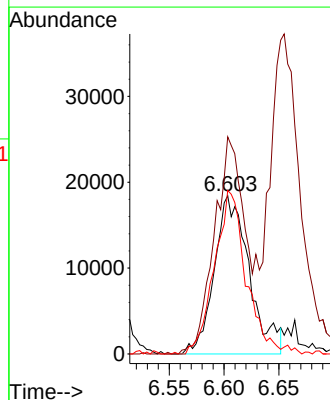
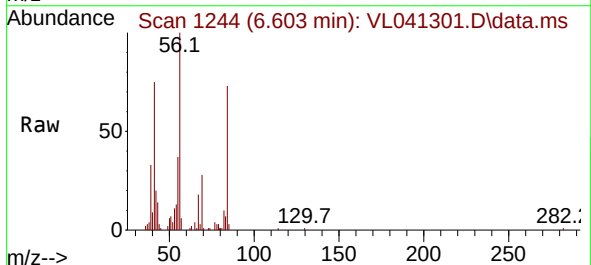
Tgt Ion: 84 Resp: 40894

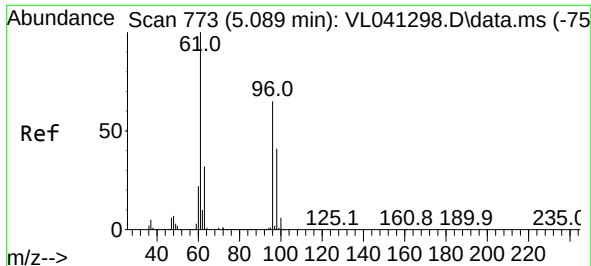
Ion Ratio Lower Upper

84 100

56 116.6 114.9 172.3

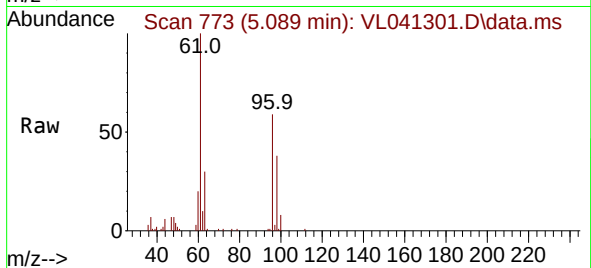
41 94.7 74.4 111.6





#31
 cis-1,2-Dichloroethene
 Concen: 0.480 ppbv
 RT: 5.089 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VL041301.D
 Acq: 4 Jun 2024 11:10

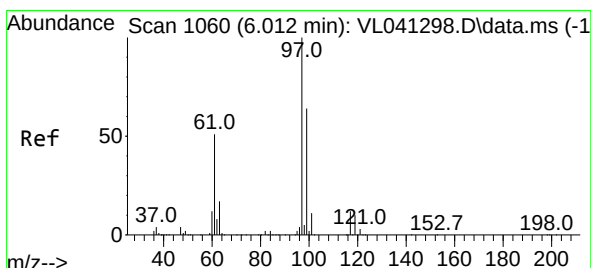
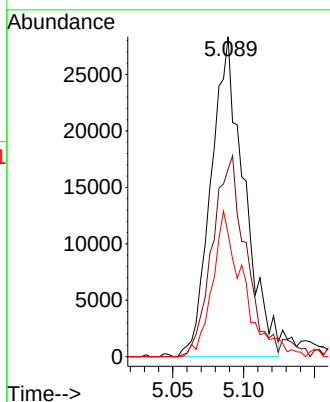
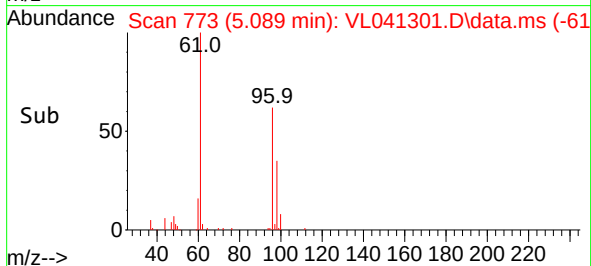
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



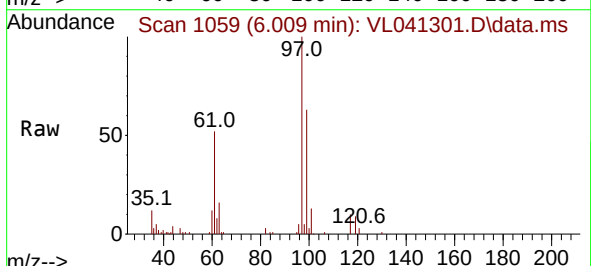
Tgt Ion: 61 Resp: 4630
 Ion Ratio Lower Upper
 61 100
 96 58.6 52.1 78.1
 98 38.4 33.1 49.7

Manual Integrations
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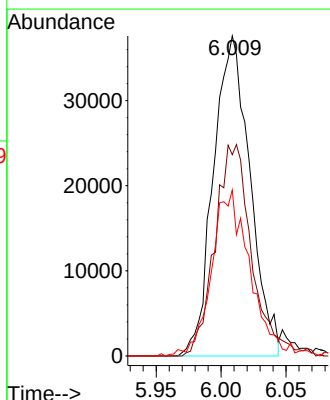
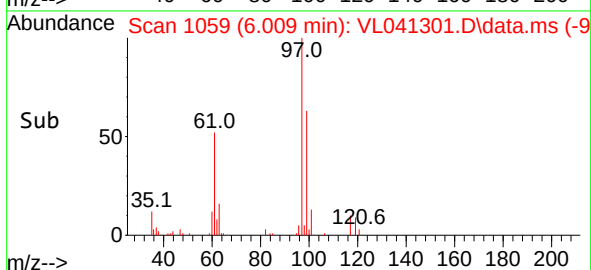
Reviewed By :Semsettin Yesilyurt 06/05/2024
 Supervised By :Mahesh Dadoda 06/05/2024

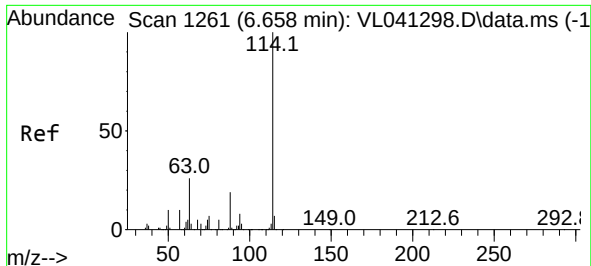


#32
 1,1,1-Trichloroethane
 Concen: 0.519 ppbv
 RT: 6.009 min Scan# 1059
 Delta R.T. -0.003 min
 Lab File: VL041301.D
 Acq: 4 Jun 2024 11:10



Tgt Ion: 97 Resp: 73626
 Ion Ratio Lower Upper
 97 100
 99 67.0 51.9 77.9
 61 54.6 42.9 64.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.655 min Scan# 114

Delta R.T. -0.003 min

Lab File: VL041301.D

Acq: 4 Jun 2024 11:10

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion:114 Resp: 2591384

Ion Ratio Lower Upper

114 100

63 25.7 20.6 30.8

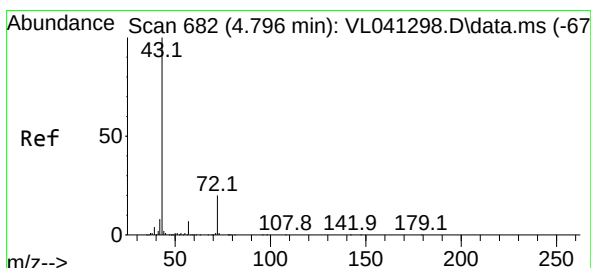
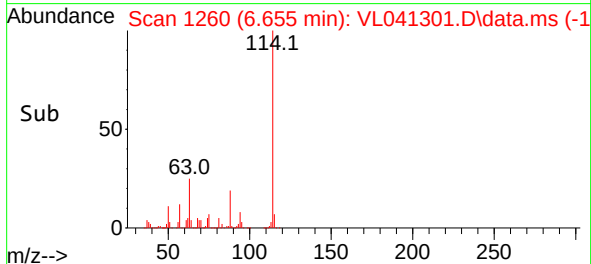
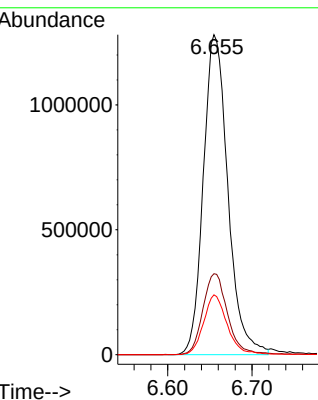
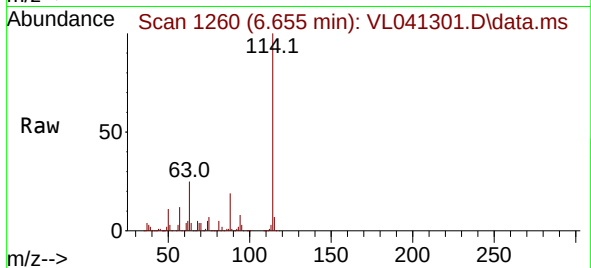
88 18.2 14.5 21.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/05/2024

Supervised By :Mahesh Dadoda 06/05/2024



#34

2-Butanone

Concen: 0.447 ppbv

RT: 4.812 min Scan# 687

Delta R.T. 0.016 min

Lab File: VL041301.D

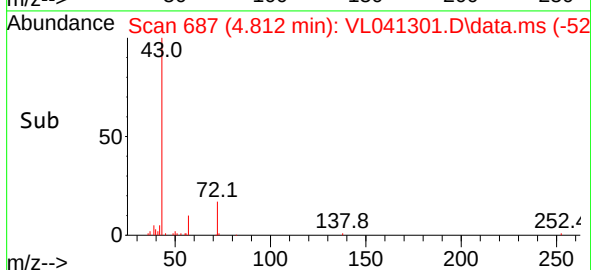
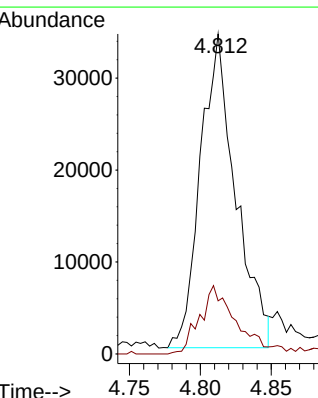
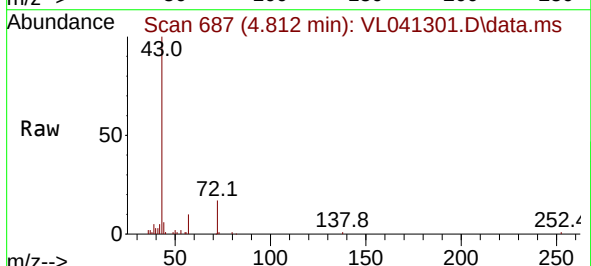
Acq: 4 Jun 2024 11:10

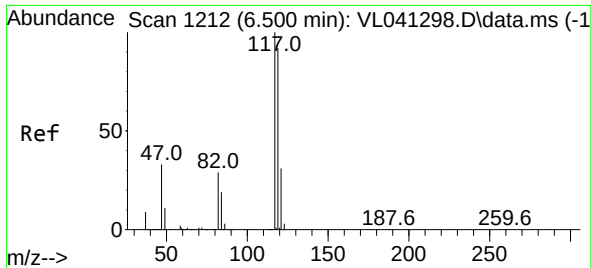
Tgt Ion: 43 Resp: 59000

Ion Ratio Lower Upper

43 100

72 24.6 17.4 26.0





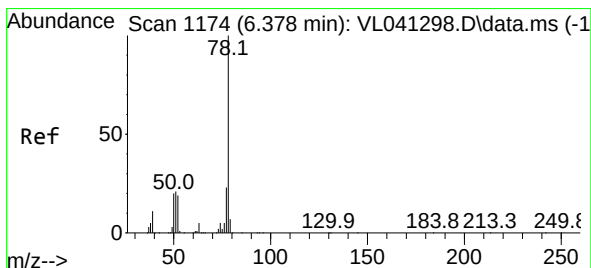
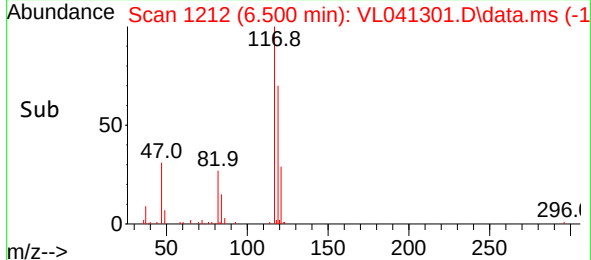
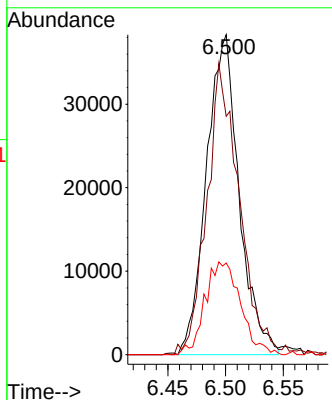
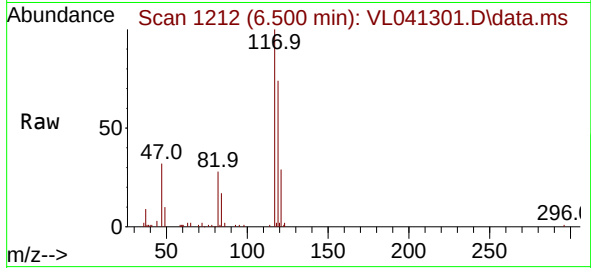
#35
Carbon Tetrachloride
Concen: 0.520 ppbv
RT: 6.500 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VL041301.D
Acq: 4 Jun 2024 11:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:117 Resp: 75569
Ion Ratio Lower Upper
117 100
119 72.8 74.0 111.0
121 28.6 24.8 37.2

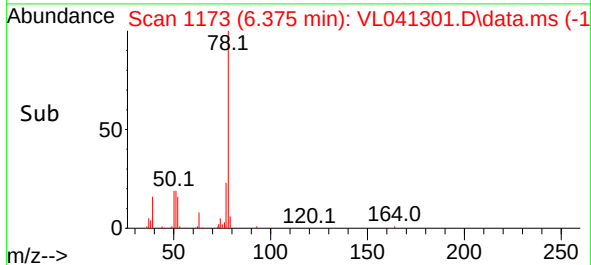
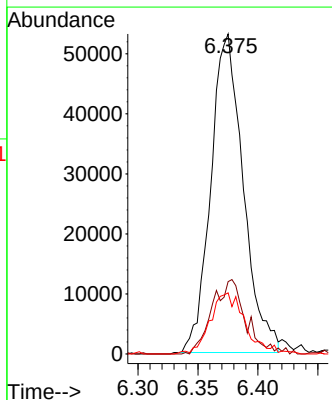
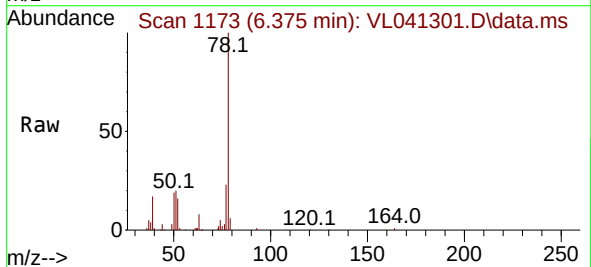
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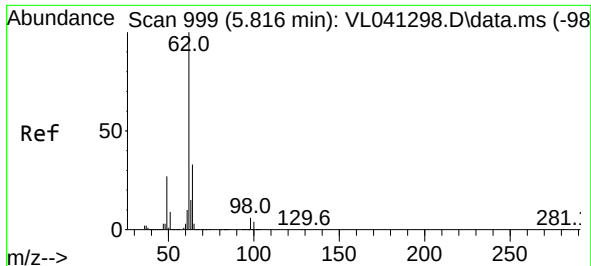
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#36
Benzene
Concen: 0.460 ppbv
RT: 6.375 min Scan# 1173
Delta R.T. -0.003 min
Lab File: VL041301.D
Acq: 4 Jun 2024 11:10

Tgt Ion: 78 Resp: 99933
Ion Ratio Lower Upper
78 100
77 22.7 18.6 28.0
50 18.9 16.0 24.0





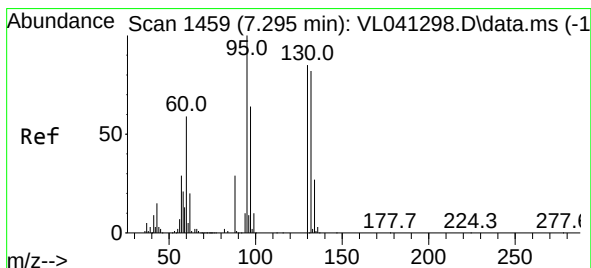
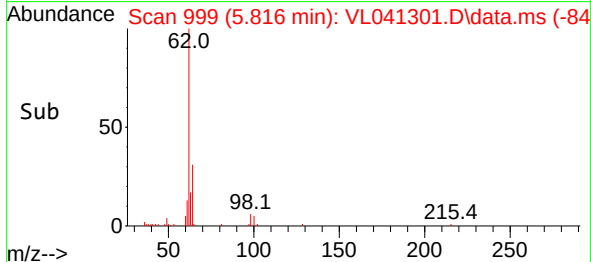
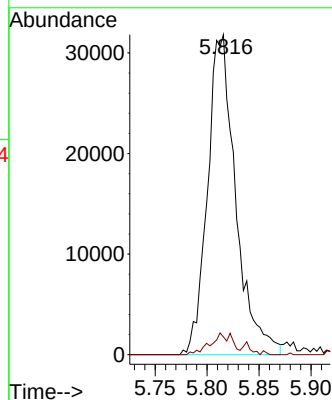
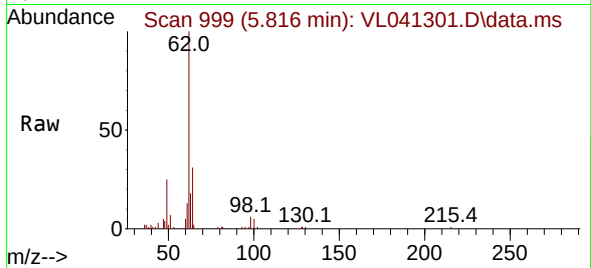
#37
1,2-Dichloroethane
Concen: 0.530 ppbv
RT: 5.816 min Scan# 999
Delta R.T. 0.000 min
Lab File: VL041301.D
Acq: 4 Jun 2024 11:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 62 Resp: 6018
Ion Ratio Lower Upper
62 100
98 6.5 4.8 7.2

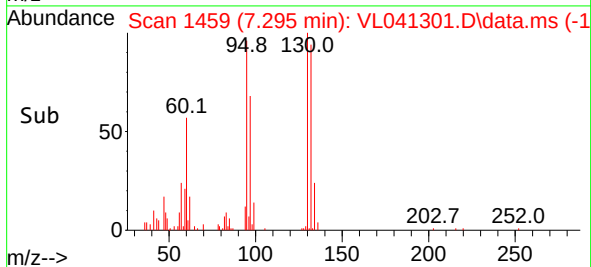
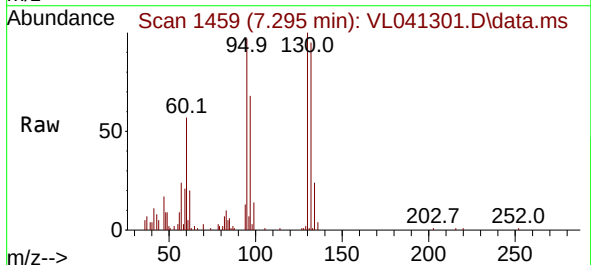
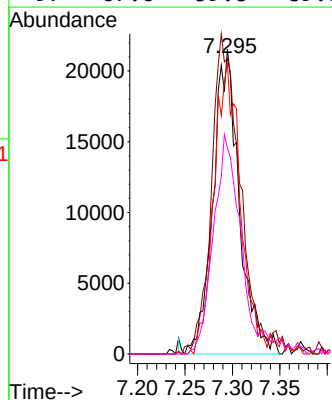
Manual Integrations
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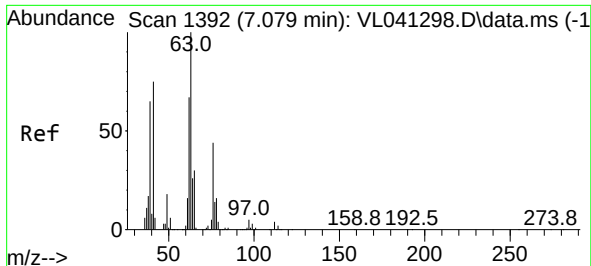
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#38
Trichloroethene
Concen: 0.512 ppbv m
RT: 7.295 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VL041301.D
Acq: 4 Jun 2024 11:10

Tgt Ion:130 Resp: 41452
Ion Ratio Lower Upper
130 100
95 97.0 94.0 141.0
132 95.5 76.7 115.1
97 67.6 59.8 89.8





#39

1,2-Dichloropropane

Concen: 0.490 ppbv m

RT: 7.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VL041301.D

Acq: 4 Jun 2024 11:10

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion: 63 Resp: 41030

Ion Ratio Lower Upper

63 100

41 75.2 59.9 89.9

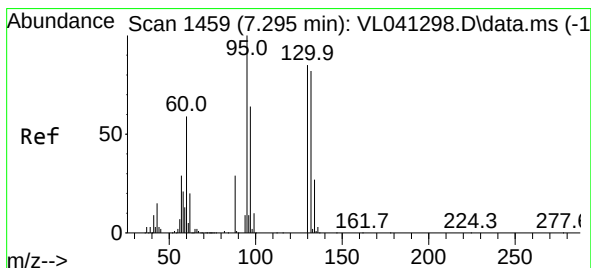
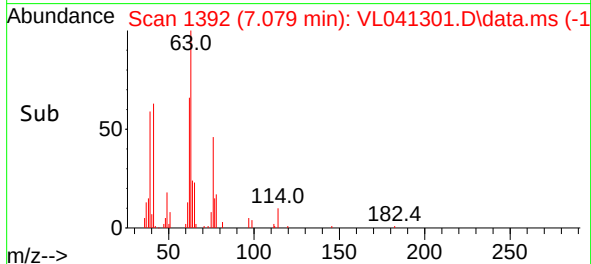
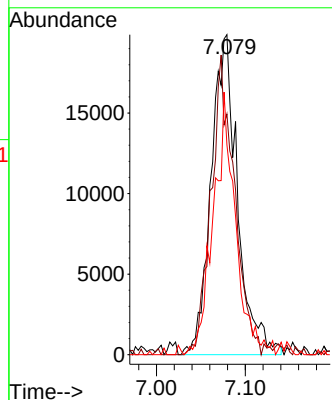
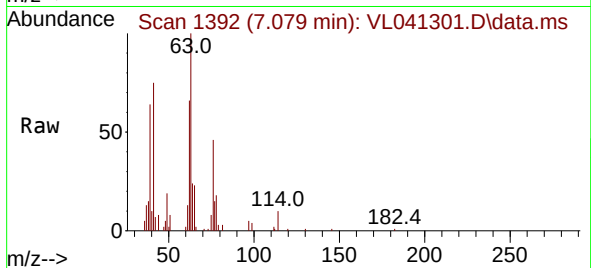
62 65.6 53.8 80.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/05/2024

Supervised By :Mahesh Dadoda 06/05/2024



#40

1,4-Dioxane

Concen: 0.446 ppbv m

RT: 7.317 min Scan# 1466

Delta R.T. 0.023 min

Lab File: VL041301.D

Acq: 4 Jun 2024 11:10

Tgt Ion: 88 Resp: 13365

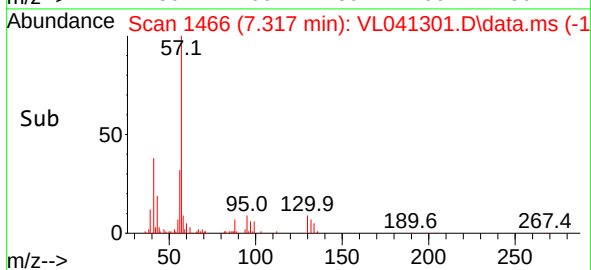
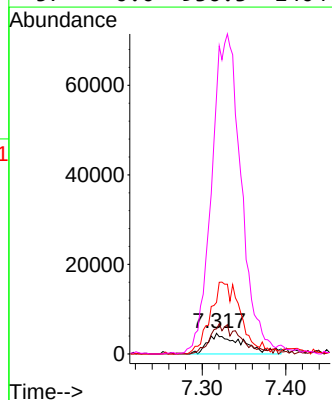
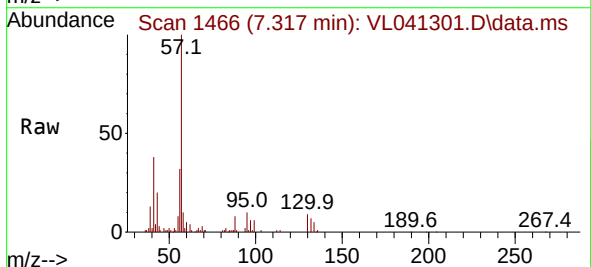
Ion Ratio Lower Upper

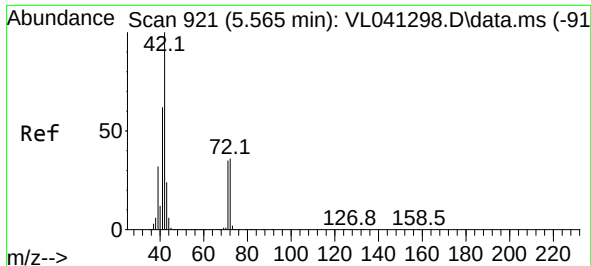
88 100

58 0.0 107.5 161.3#

43 0.0 221.8 332.6#

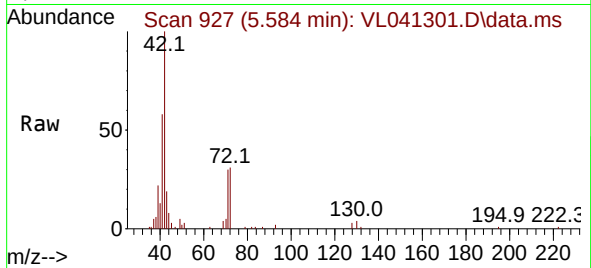
57 0.0 936.3 1404.5#





#41
Tetrahydrofuran
Concen: 0.417 ppbv m
RT: 5.584 min Scan# 91
Delta R.T. 0.019 min
Lab File: VL041301.D
Acq: 4 Jun 2024 11:10

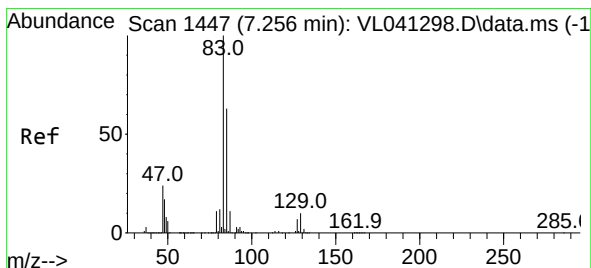
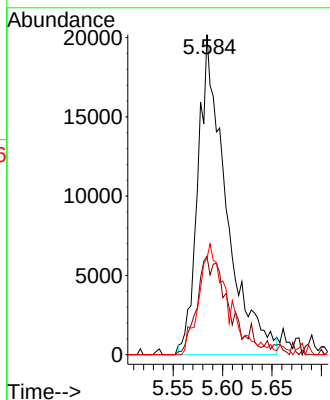
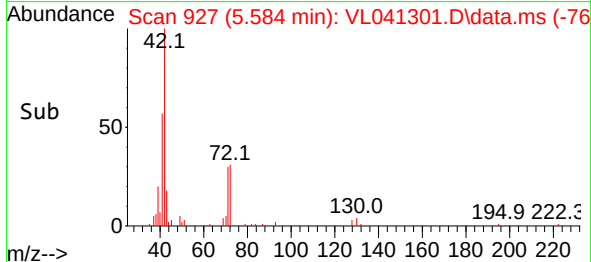
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



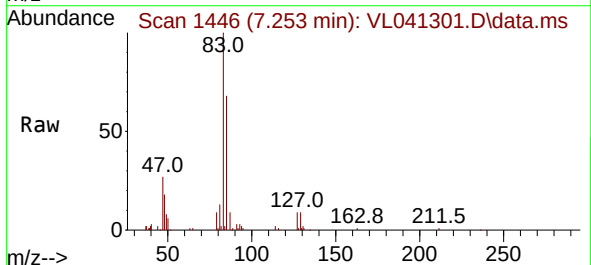
Tgt Ion: 42 Resp: 39828
Ion Ratio Lower Upper
42 100
72 37.6 30.2 45.4
71 37.1 30.3 45.5

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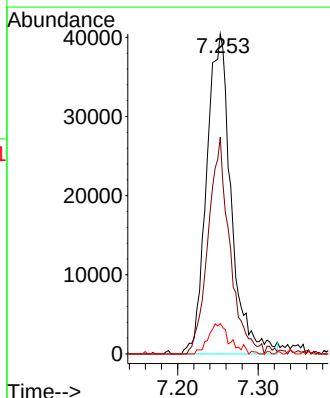
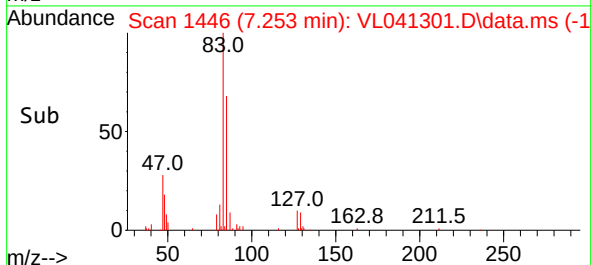
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024

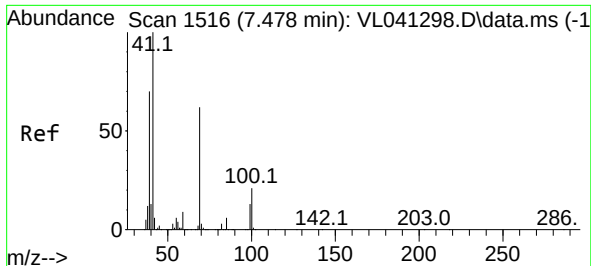


#42
Bromodichloromethane
Concen: 0.527 ppbv m
RT: 7.253 min Scan# 1446
Delta R.T. -0.003 min
Lab File: VL041301.D
Acq: 4 Jun 2024 11:10



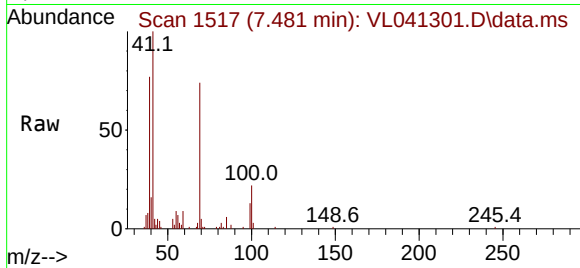
Tgt Ion: 83 Resp: 85809
Ion Ratio Lower Upper
83 100
85 67.8 50.6 75.8
127 9.5 5.6 8.4





#43
Methyl Methacrylate
Concen: 0.393 ppbv
RT: 7.481 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VL041301.D
Acq: 4 Jun 2024 11:10

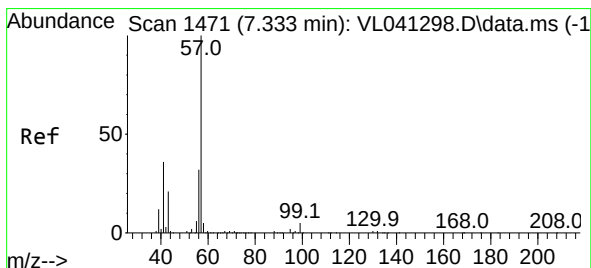
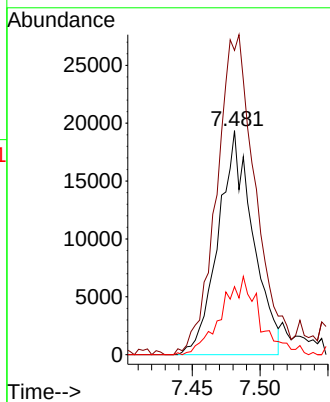
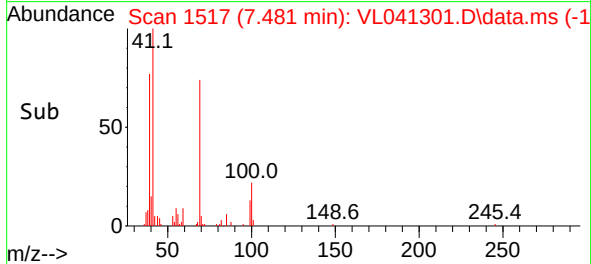
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



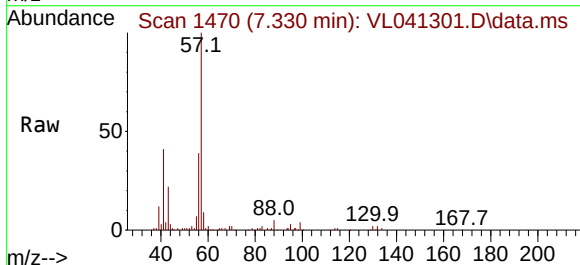
Tgt Ion: 69 Resp: 34540
Ion Ratio Lower Upper
69 100
41 163.9 125.8 188.6
100 38.5 27.0 40.6

Manual Integrations
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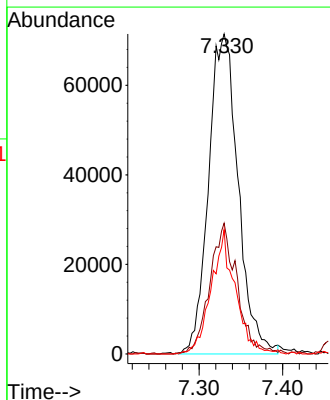
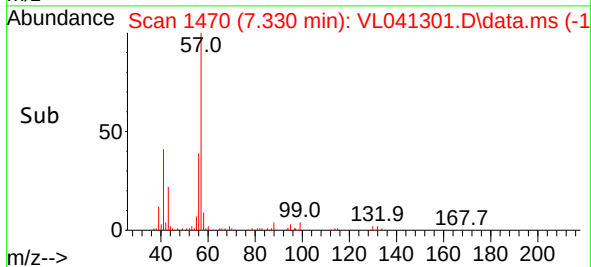
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024

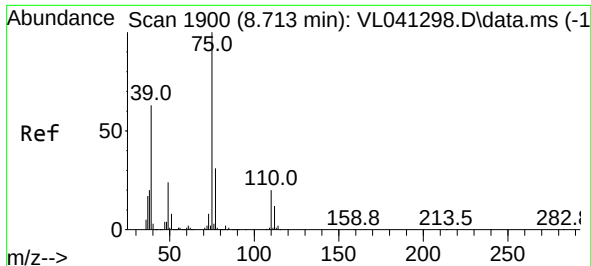


#44
2,2,4-Trimethylpentane
Concen: 0.469 ppbv m
RT: 7.330 min Scan# 1470
Delta R.T. -0.003 min
Lab File: VL041301.D
Acq: 4 Jun 2024 11:10



Tgt Ion: 57 Resp: 175702
Ion Ratio Lower Upper
57 100
41 37.9 29.4 44.2
56 31.9 25.0 37.4





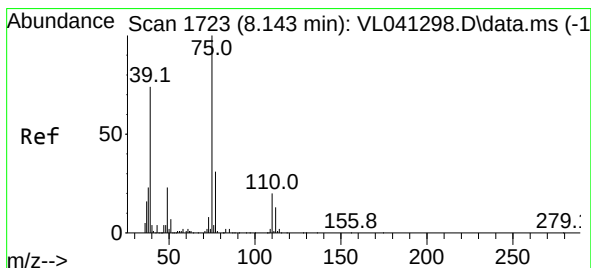
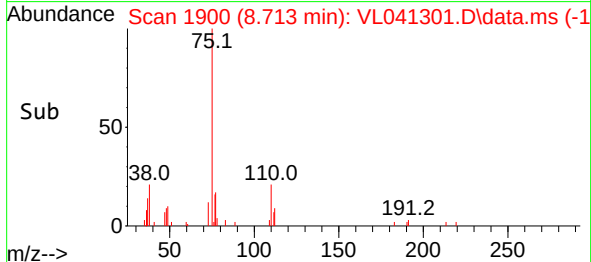
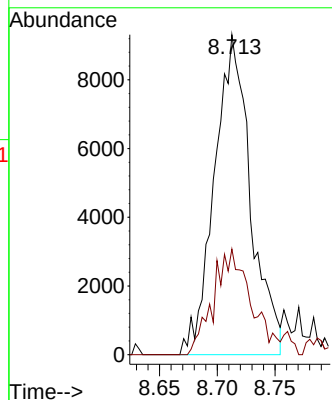
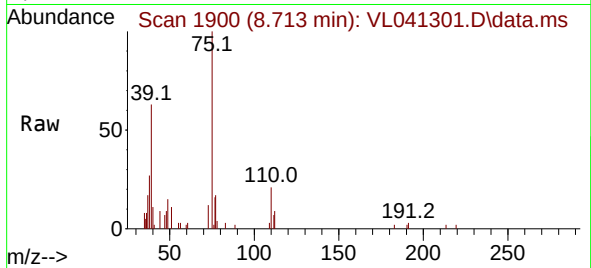
#45
t-1,3-Dichloropropene
Concen: 0.318 ppbv
RT: 8.713 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VL041301.D
Acq: 4 Jun 2024 11:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 75 Resp: 20280
Ion Ratio Lower Upper
75 100
77 33.0 24.7 37.1

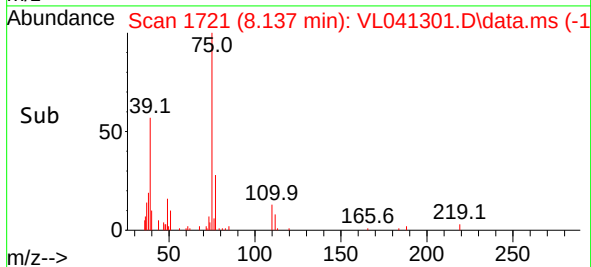
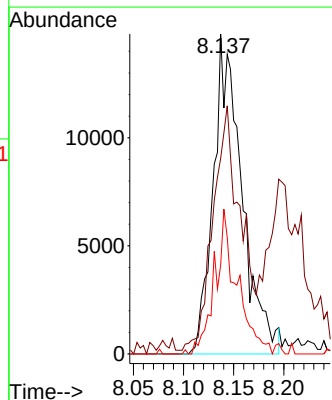
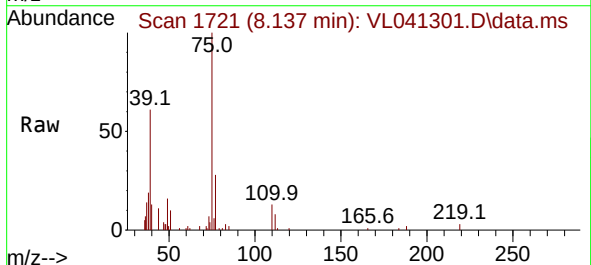
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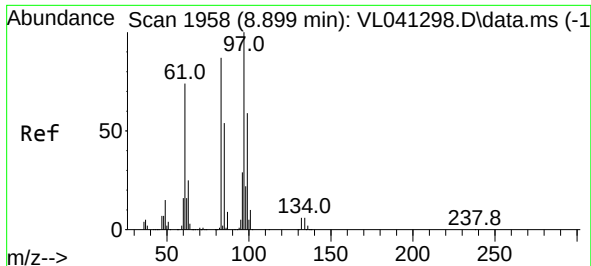
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#46
cis-1,3-Dichloropropene
Concen: 0.375 ppbv m
RT: 8.137 min Scan# 1721
Delta R.T. -0.006 min
Lab File: VL041301.D
Acq: 4 Jun 2024 11:10

Tgt Ion: 75 Resp: 29230
Ion Ratio Lower Upper
75 100
39 61.2 59.2 88.8
77 27.8 25.0 37.6





#47

1,1,2-Trichloroethane

Concen: 0.515 ppbv m

RT: 8.893 min Scan# 1958

Delta R.T. -0.006 min

Lab File: VL041301.D

Acq: 4 Jun 2024 11:10

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

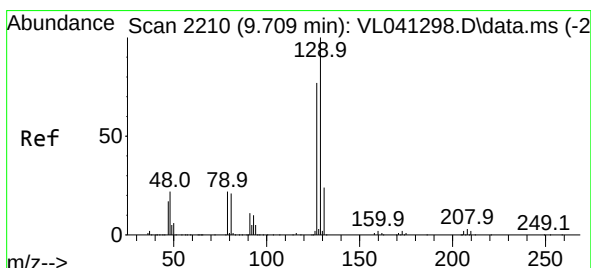
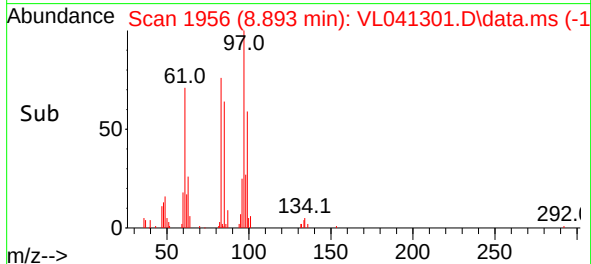
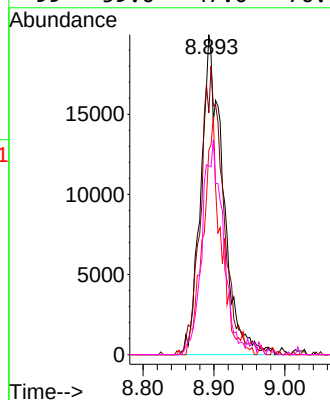
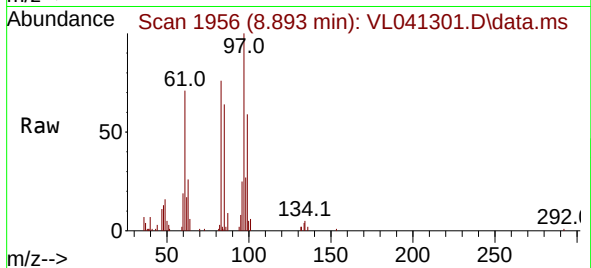
Tgt Ion: 97 Resp: 43239

Ion	Ratio	Lower	Upper
97	100		
83	75.6	69.7	104.5
85	63.9	43.1	64.7
99	59.0	47.0	70.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#48

Dibromochloromethane

Concen: 0.495 ppbv m

RT: 9.713 min Scan# 2211

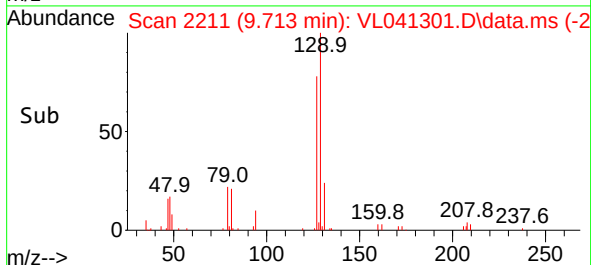
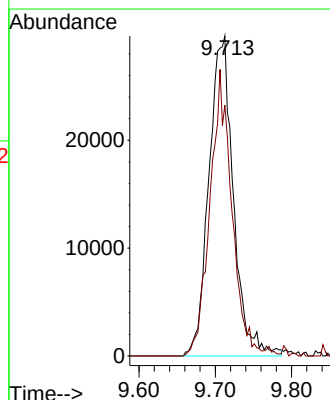
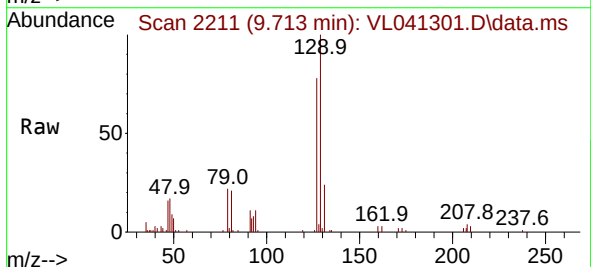
Delta R.T. 0.003 min

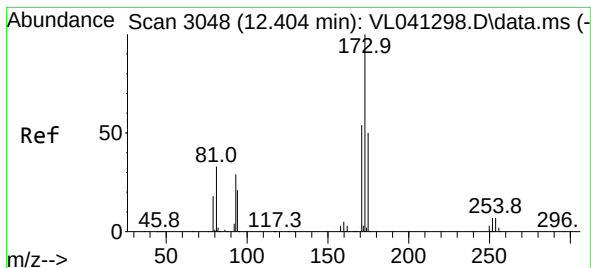
Lab File: VL041301.D

Acq: 4 Jun 2024 11:10

Tgt Ion:129 Resp: 66160

Ion	Ratio	Lower	Upper
129	100		
127	80.3	39.1	117.5





#49

Bromoform

Concen: 0.450 ppbv

RT: 12.401 min Scan# 3048

Delta R.T. -0.003 min

Lab File: VL041301.D

Acq: 4 Jun 2024 11:10

Instrument :

MSVOA_L

ClientSampleId :

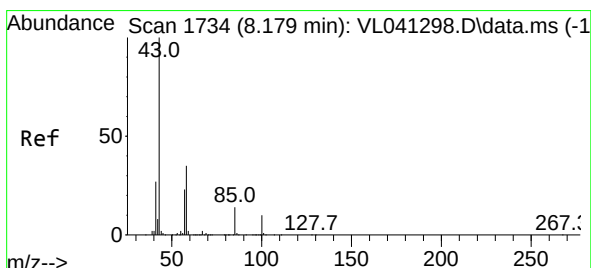
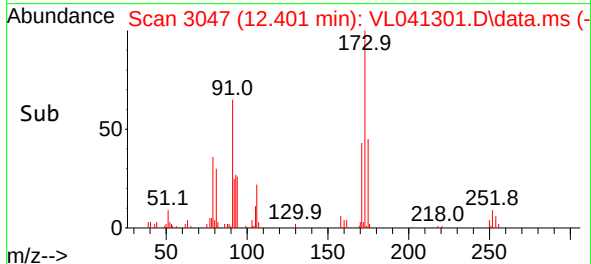
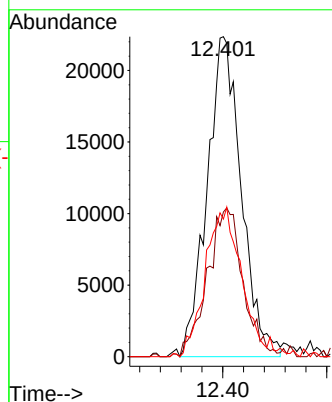
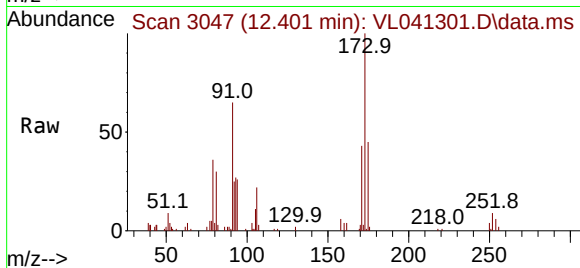
VSTDICC0.5

Tgt Ion:	173	Resp:	5113
Ion Ratio	Lower	Upper	
173	100		
175	49.2	39.9	59.9
171	49.8	42.6	63.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#50

4-Methyl-2-Pentanone

Concen: 0.402 ppbv

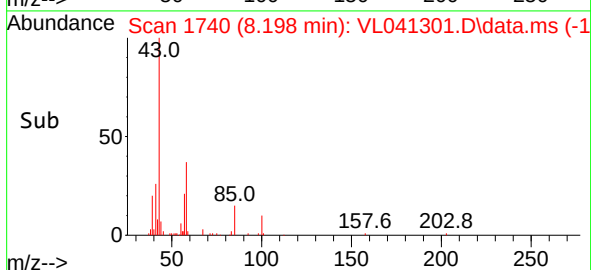
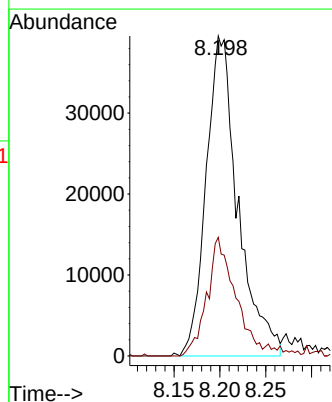
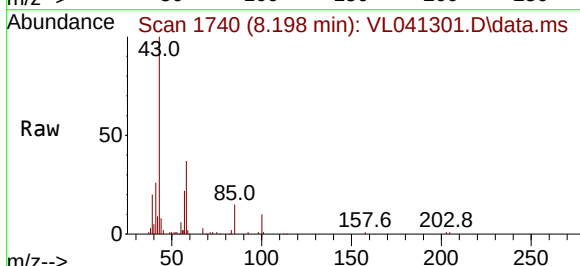
RT: 8.198 min Scan# 1740

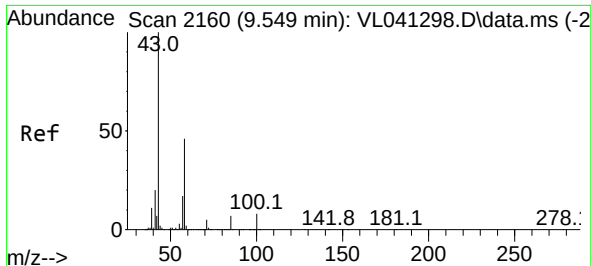
Delta R.T. 0.019 min

Lab File: VL041301.D

Acq: 4 Jun 2024 11:10

Tgt Ion:	43	Resp:	95227
Ion Ratio	Lower	Upper	
43	100		
58	34.8	27.7	41.5





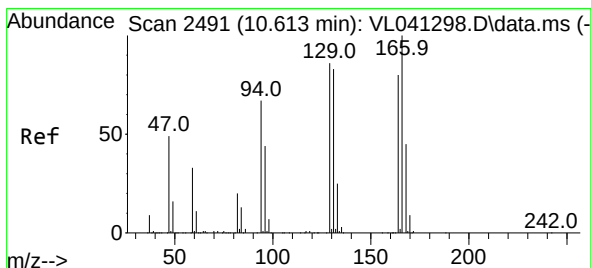
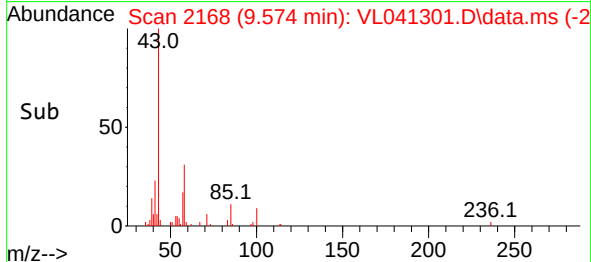
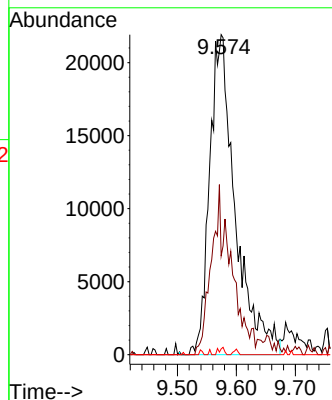
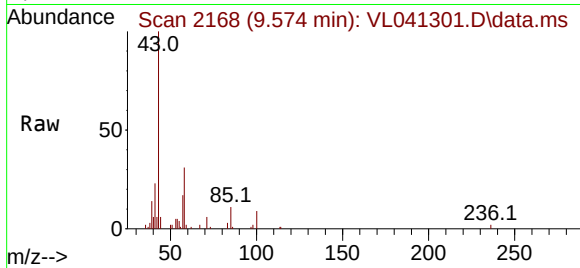
#51
2-Hexanone
Concen: 0.378 ppbv m
RT: 9.574 min Scan# 2160
Delta R.T. 0.026 min
Lab File: VL041301.D
Acq: 4 Jun 2024 11:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 43 Resp: 66292
Ion Ratio Lower Upper
43 100
58 0.0 37.4 56.0
98 0.3 0.2 0.4

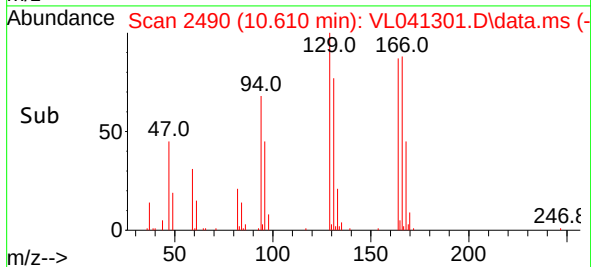
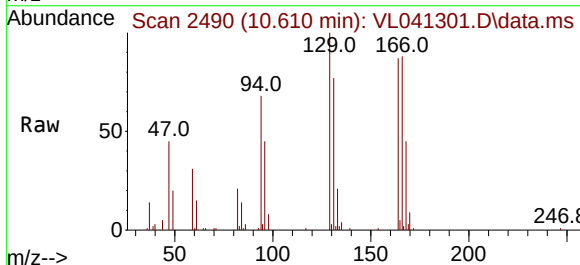
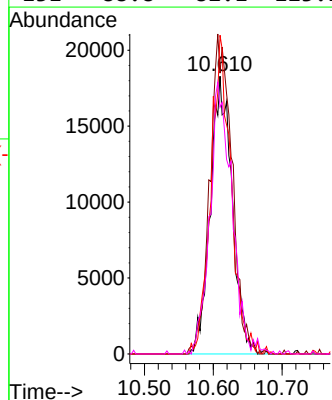
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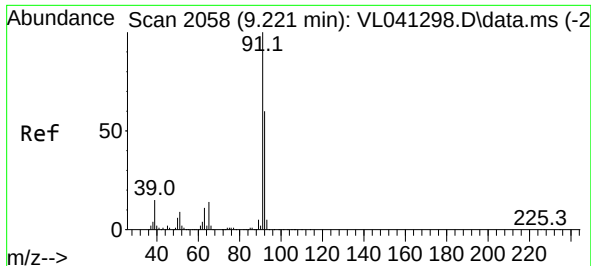
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#52
Tetrachloroethene
Concen: 0.524 ppbv m
RT: 10.610 min Scan# 2490
Delta R.T. -0.003 min
Lab File: VL041301.D
Acq: 4 Jun 2024 11:10

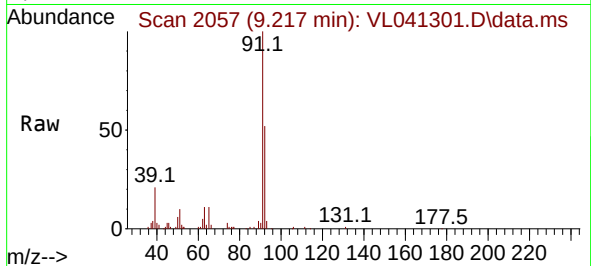
Tgt Ion:164 Resp: 40083
Ion Ratio Lower Upper
164 100
166 101.1 99.4 149.0
129 114.7 85.4 128.2
131 88.8 82.1 123.1





#53
Toluene
Concen: 0.438 ppbv
RT: 9.217 min Scan# 2057
Delta R.T. -0.003 min
Lab File: VL041301.D
Acq: 4 Jun 2024 11:10

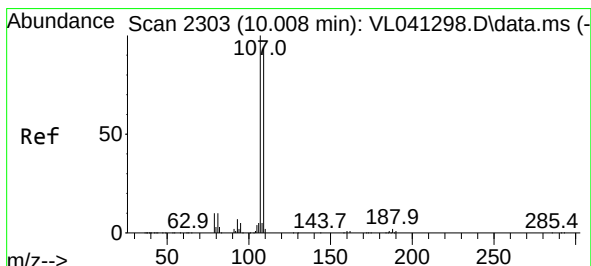
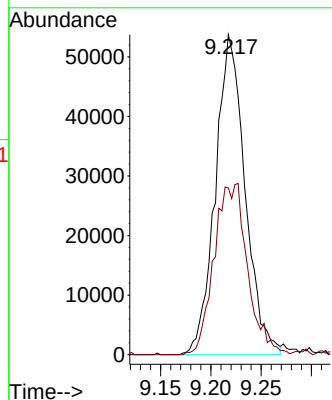
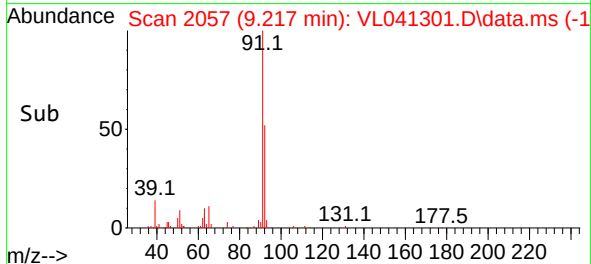
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



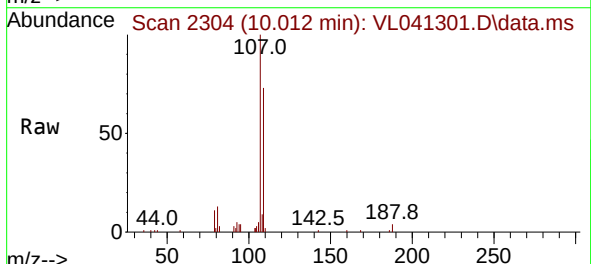
Tgt Ion: 91 Resp: 11044
Ion Ratio Lower Upper
91 100
92 61.1 49.2 73.8

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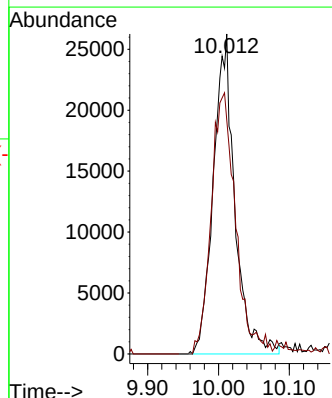
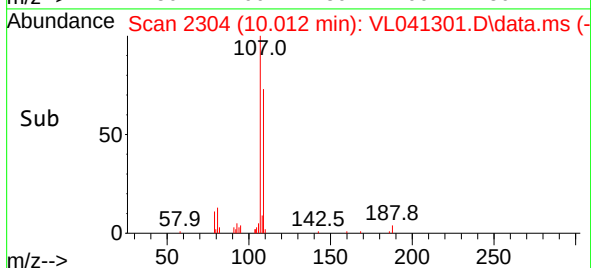
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024

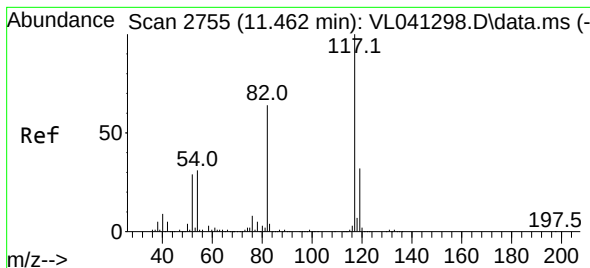


#54
1,2-Dibromoethane
Concen: 0.485 ppbv m
RT: 10.012 min Scan# 2304
Delta R.T. 0.003 min
Lab File: VL041301.D
Acq: 4 Jun 2024 11:10



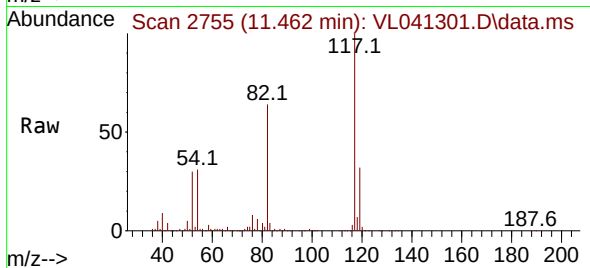
Tgt Ion:107 Resp: 55061
Ion Ratio Lower Upper
107 100
109 73.1 75.0 112.6#





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.462 min Scan# 2755
Delta R.T. 0.000 min
Lab File: VL041301.D
Acq: 4 Jun 2024 11:10

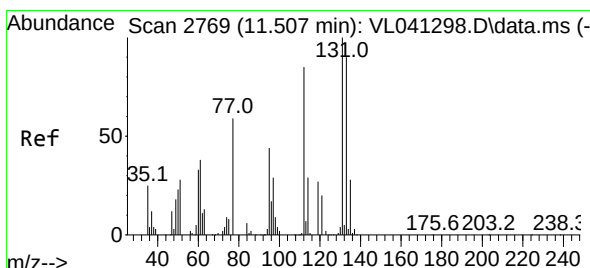
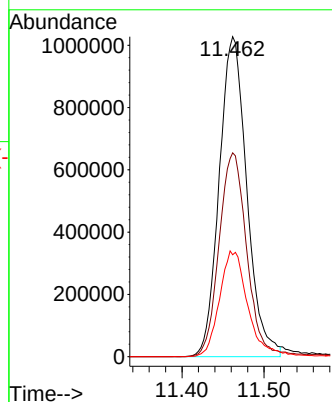
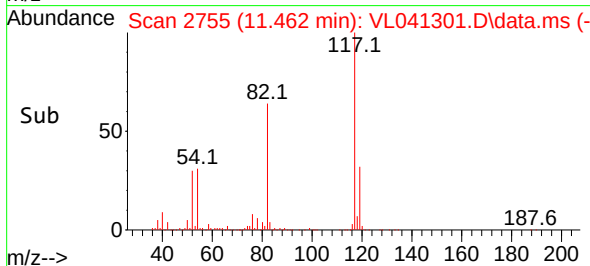
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



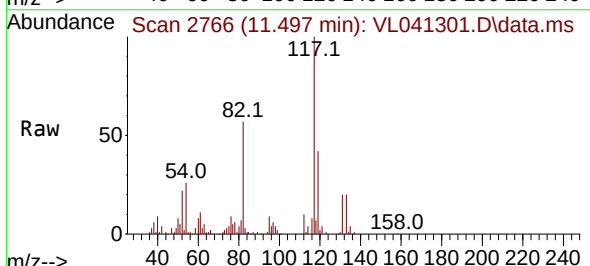
Tgt Ion:117 Resp: 2403049
Ion Ratio Lower Upper
117 100
82 65.4 52.3 78.5
119 34.3 26.2 39.2

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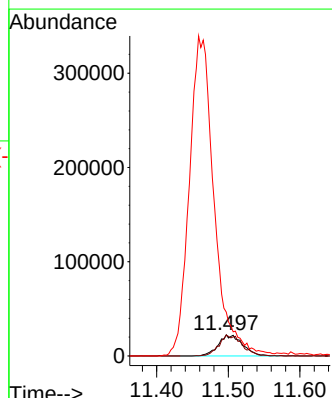
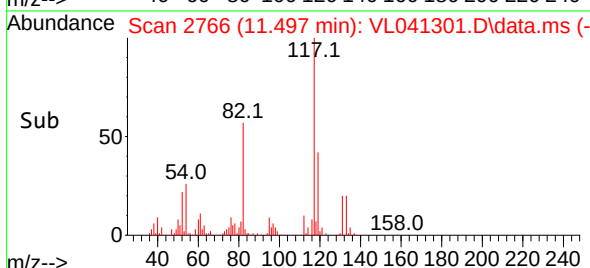
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024

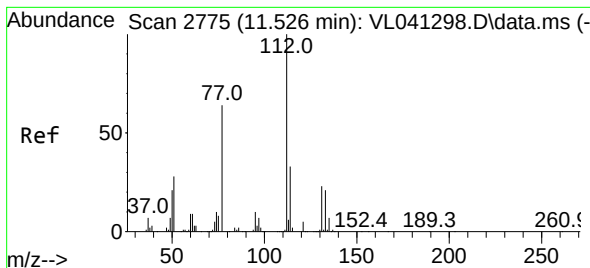


#56
1,1,1,2-Tetrachloroethane
Concen: 0.540 ppbv m
RT: 11.497 min Scan# 2766
Delta R.T. -0.010 min
Lab File: VL041301.D
Acq: 4 Jun 2024 11:10



Tgt Ion:131 Resp: 52651
Ion Ratio Lower Upper
131 100
133 0.0 75.8 113.6#
119 0.0 48.3 72.5#





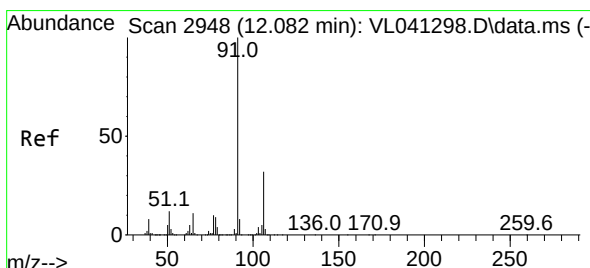
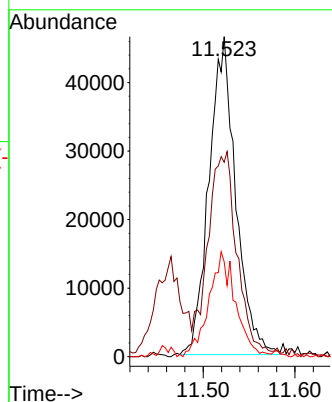
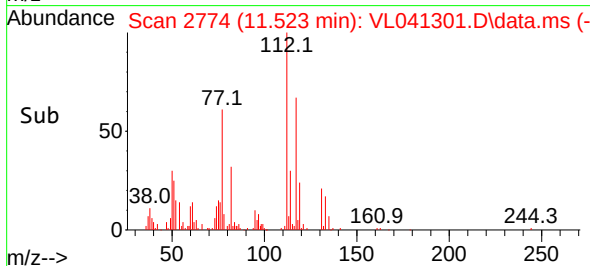
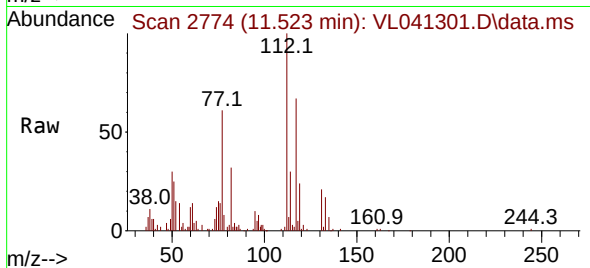
#57
Chlorobenzene
Concen: 0.535 ppbv
RT: 11.523 min Scan# 211
Delta R.T. -0.003 min
Lab File: VL041301.D
Acq: 4 Jun 2024 11:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:112 Resp: 94224
Ion Ratio Lower Upper
112 100
77 60.1 52.0 78.0
114 29.1 29.8 36.4

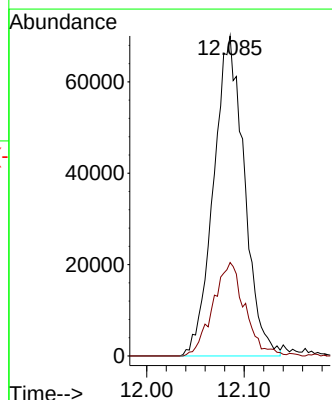
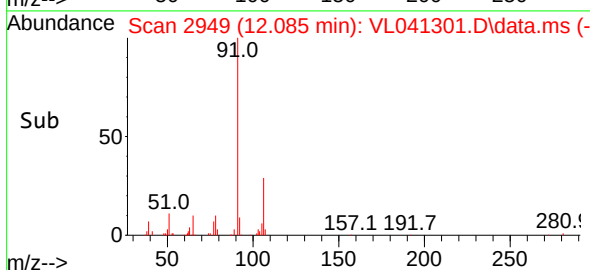
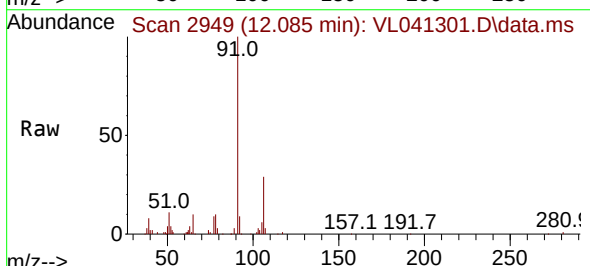
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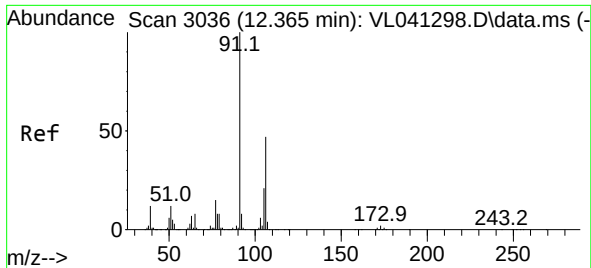
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#58
Ethyl Benzene
Concen: 0.467 ppbv
RT: 12.085 min Scan# 2949
Delta R.T. 0.003 min
Lab File: VL041301.D
Acq: 4 Jun 2024 11:10

Tgt Ion: 91 Resp: 153781
Ion Ratio Lower Upper
91 100
106 29.2 25.5 38.3





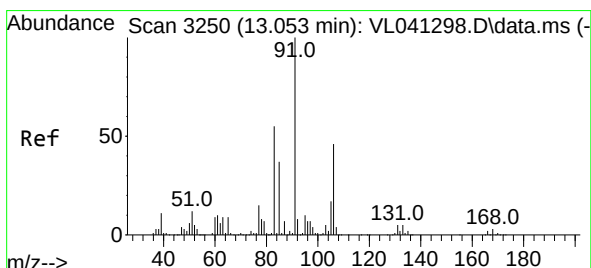
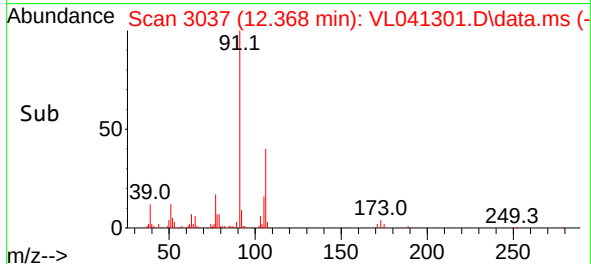
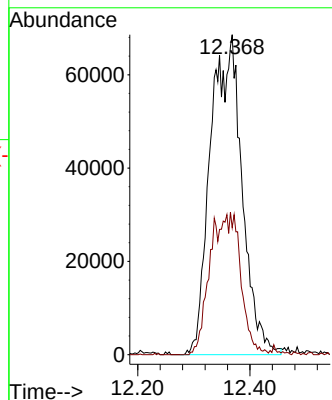
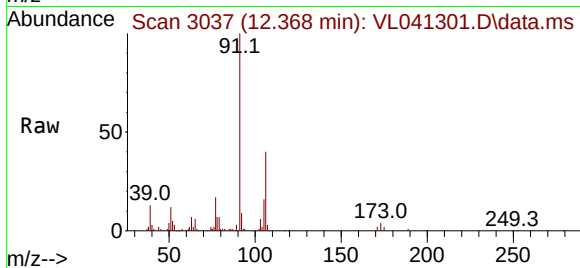
#59
m/p-Xylene
Concen: 0.965 ppbv m
RT: 12.368 min Scan# 3036
Delta R.T. 0.003 min
Lab File: VL041301.D
Acq: 4 Jun 2024 11:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 91 Resp: 267309
Ion Ratio Lower Upper
91 100
106 43.1 35.7 53.5

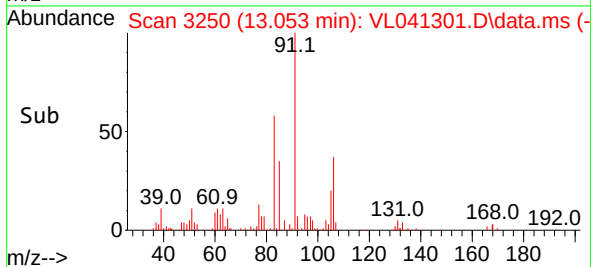
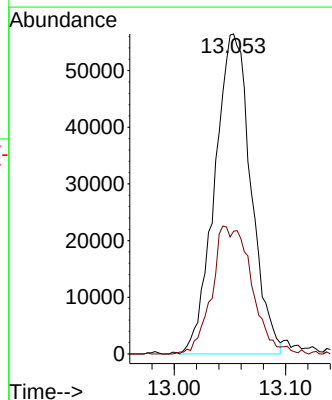
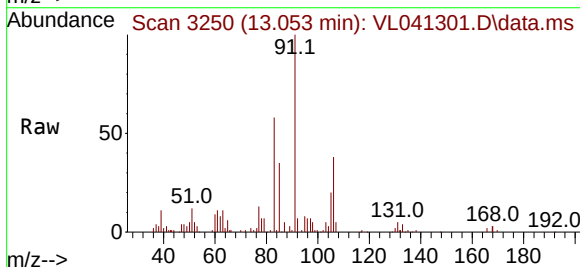
Manual Integrations
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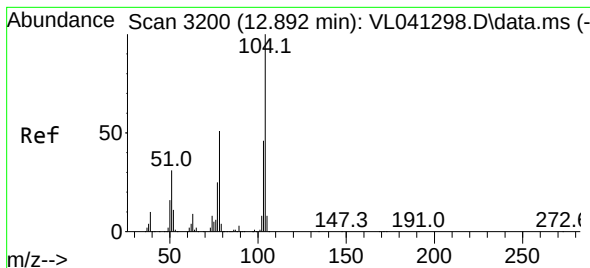
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#60
o-Xylene
Concen: 0.491 ppbv
RT: 13.053 min Scan# 3250
Delta R.T. 0.000 min
Lab File: VL041301.D
Acq: 4 Jun 2024 11:10

Tgt Ion: 91 Resp: 127549
Ion Ratio Lower Upper
91 100
106 43.9 22.8 68.4





#61

Styrene

Concen: 0.407 ppbv m

RT: 12.896 min Scan# 3201

Delta R.T. 0.003 min

Lab File: VL041301.D

Acq: 4 Jun 2024 11:10

Instrument :

MSVOA_L

ClientSampleId :

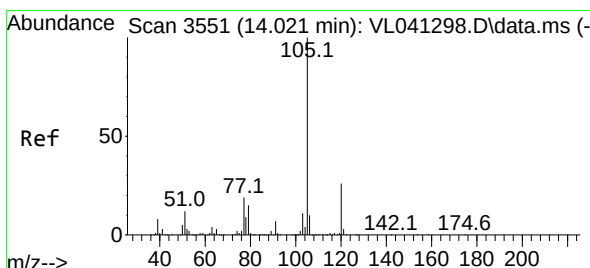
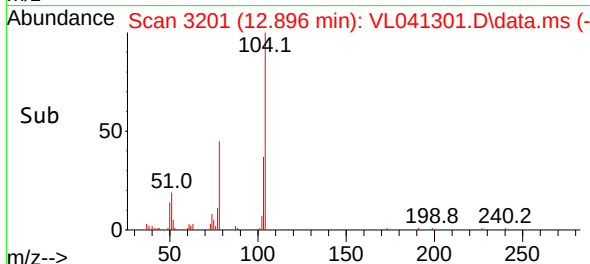
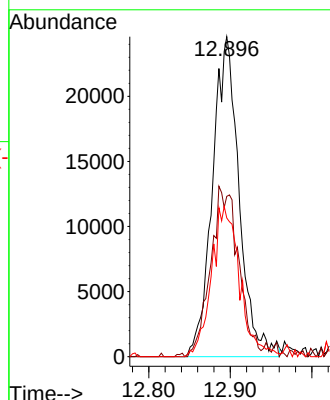
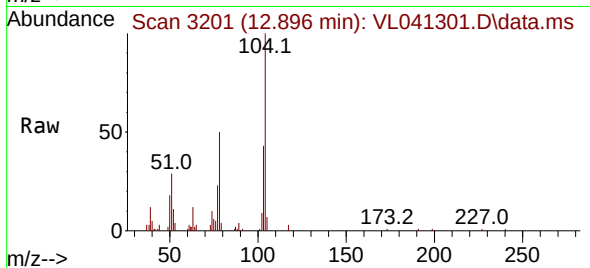
VSTDIC0.5

Tgt Ion:104	Resp:	55818
Ion Ratio	Lower	Upper
104	100	
78	0.0	42.2 63.4
103	49.6	37.9 56.9

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#62

Isopropylbenzene

Concen: 0.504 ppbv

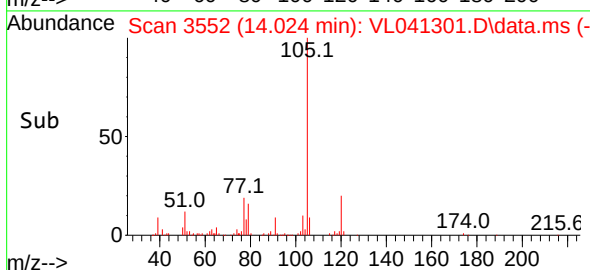
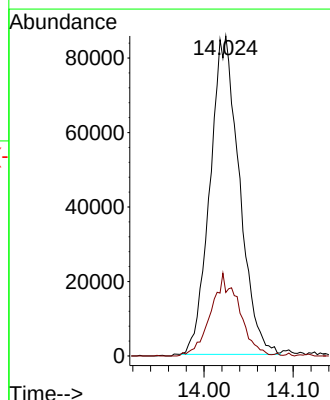
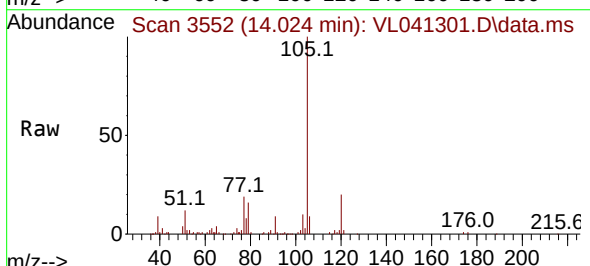
RT: 14.024 min Scan# 3552

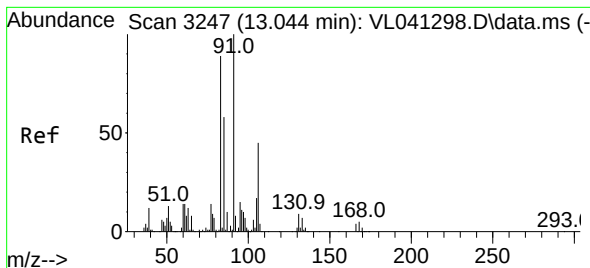
Delta R.T. 0.003 min

Lab File: VL041301.D

Acq: 4 Jun 2024 11:10

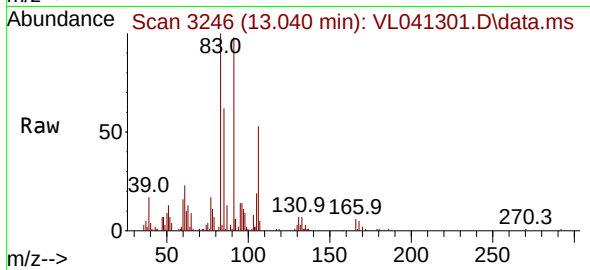
Tgt Ion:105	Resp:	195726
Ion Ratio	Lower	Upper
105	100	
120	25.4	20.4 30.6





#63
1,1,2,2-Tetrachloroethane
Concen: 0.516 ppbv
RT: 13.040 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL041301.D
Acq: 4 Jun 2024 11:10

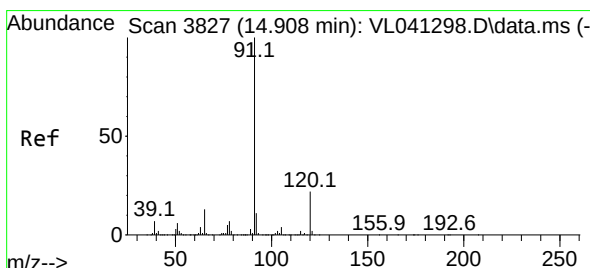
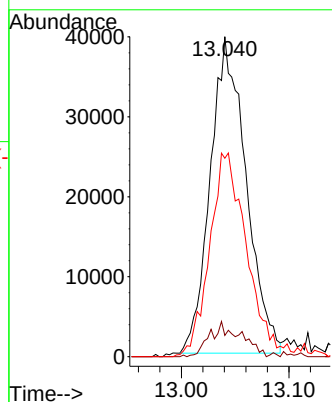
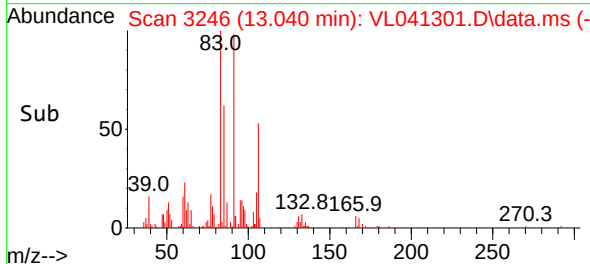
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



Tgt Ion: 83 Resp: 9137
Ion Ratio Lower Upper
83 100
131 9.8 4.7 14.1
85 68.5 32.6 97.7

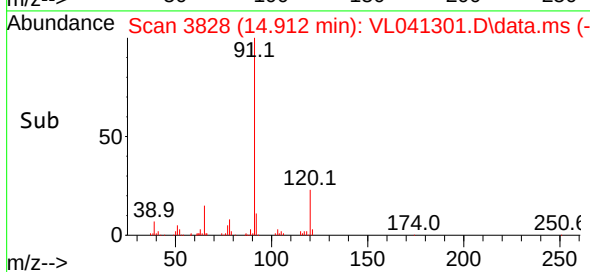
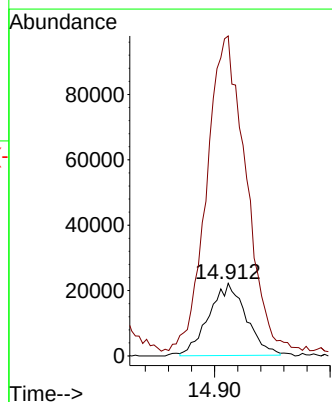
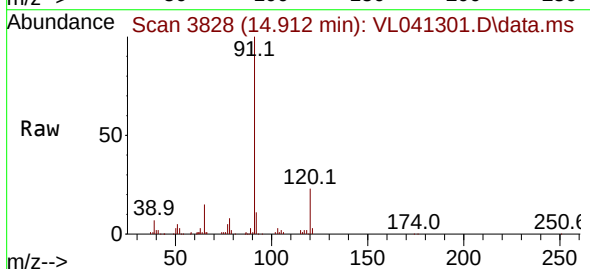
Manual Integrations
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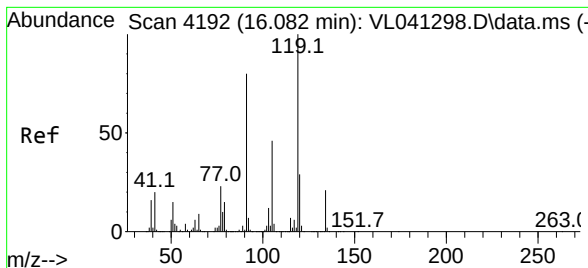
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#64
n-propylbenzene
Concen: 0.511 ppbv
RT: 14.912 min Scan# 3828
Delta R.T. 0.003 min
Lab File: VL041301.D
Acq: 4 Jun 2024 11:10

Tgt Ion:120 Resp: 49529
Ion Ratio Lower Upper
120 100
91 478.4 374.2 561.2





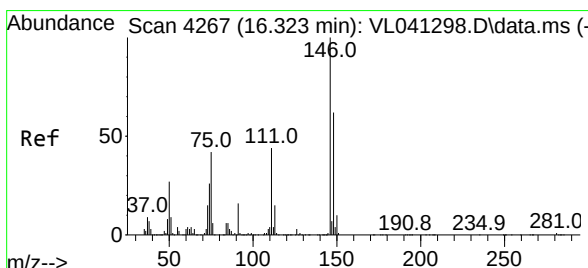
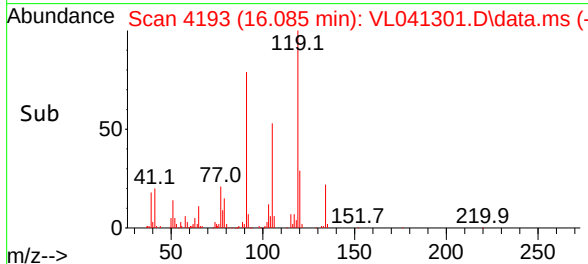
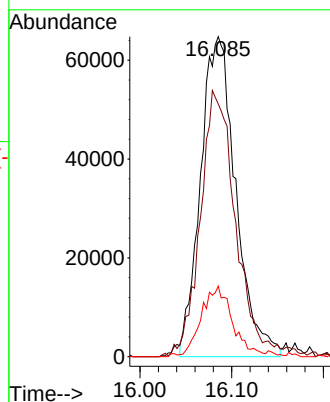
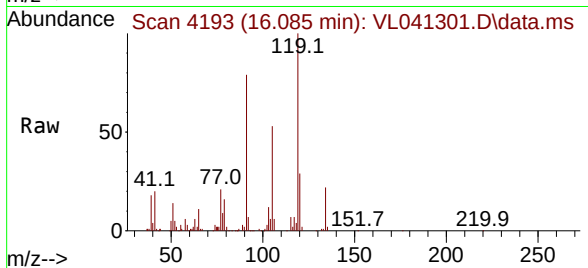
#65
tert-Butylbenzene
Concen: 0.497 ppbv
RT: 16.085 min Scan# 4192
Delta R.T. 0.003 min
Lab File: VL041301.D
Acq: 4 Jun 2024 11:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 119 Resp: 172978
Ion Ratio Lower Upper
119 100
91 84.3 66.5 99.7
134 20.2 15.7 23.5

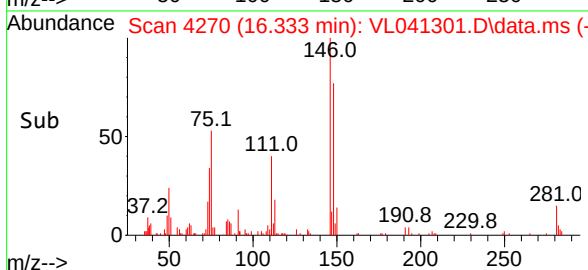
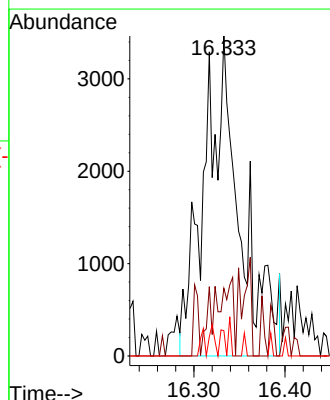
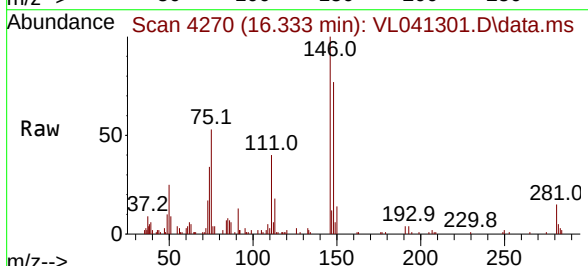
Manual Integrations
APPROVED

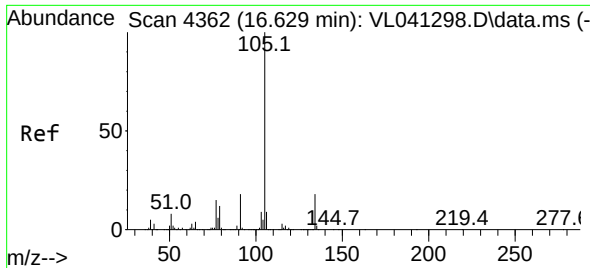
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#66
Benzyl Chloride
Concen: 0.238 ppbv m
RT: 16.333 min Scan# 4270
Delta R.T. 0.010 min
Lab File: VL041301.D
Acq: 4 Jun 2024 11:10

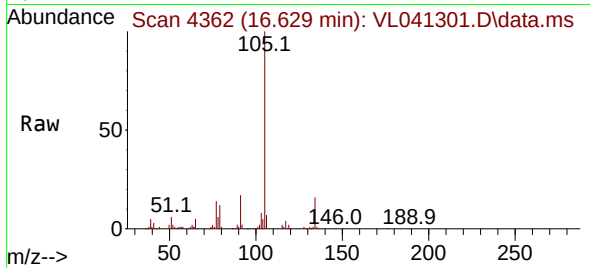
Tgt Ion: 91 Resp: 9367
Ion Ratio Lower Upper
91 100
126 0.0 13.4 20.2#
128 3.6 4.6 6.8#





#67
 sec-Butylbenzene
 Concen: 0.493 ppbv
 RT: 16.629 min Scan# 4362
 Delta R.T. 0.000 min
 Lab File: VL041301.D
 Acq: 4 Jun 2024 11:10

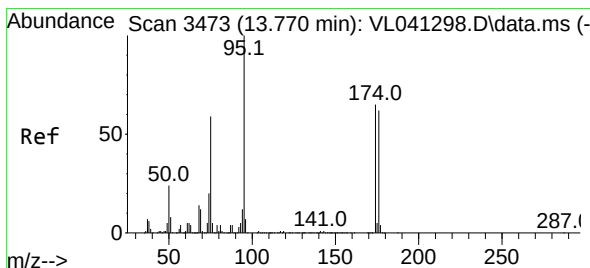
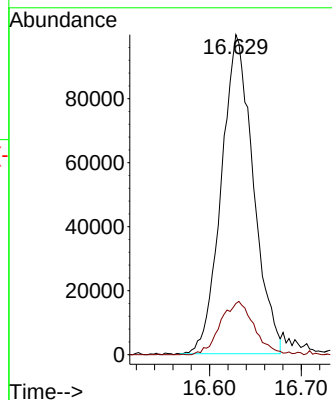
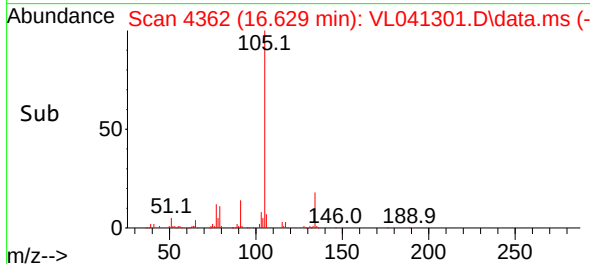
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



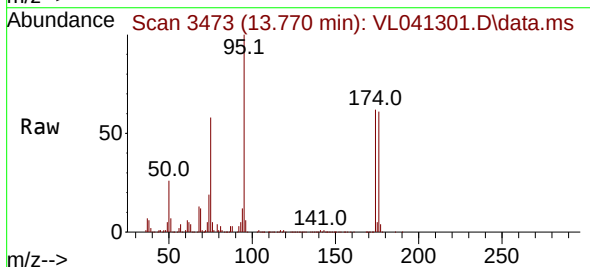
Tgt Ion:105 Resp: 241479
 Ion Ratio Lower Upper
 105 100
 134 18.1 14.3 21.5

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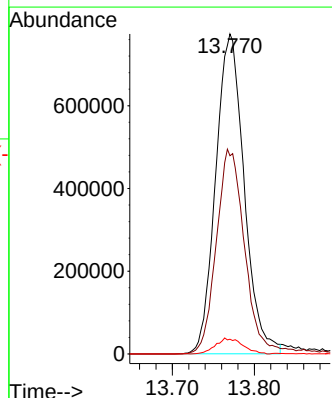
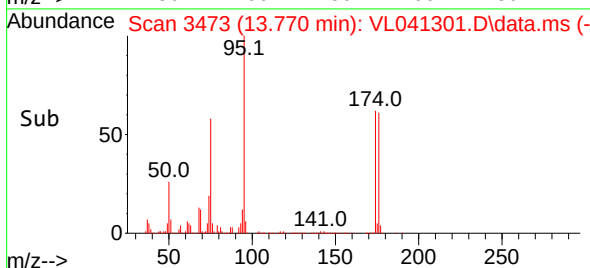
Reviewed By :Semsettin Yesilyurt 06/05/2024
 Supervised By :Mahesh Dadoda 06/05/2024

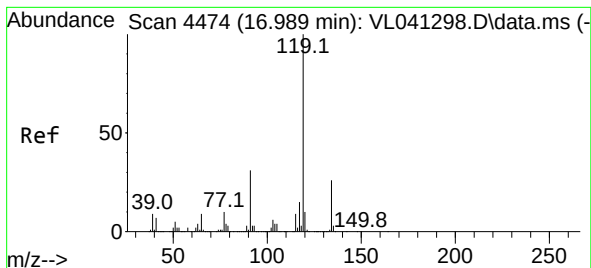


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.290 ppbv
 RT: 13.770 min Scan# 3473
 Delta R.T. 0.000 min
 Lab File: VL041301.D
 Acq: 4 Jun 2024 11:10



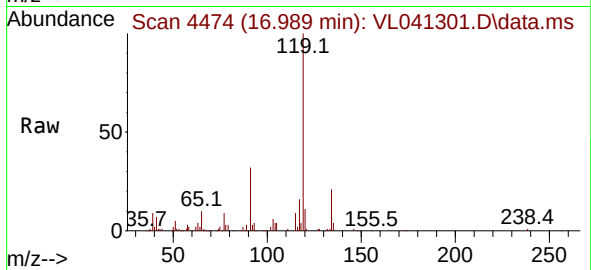
Tgt Ion: 95 Resp: 1866736
 Ion Ratio Lower Upper
 95 100
 174 65.6 52.2 78.2
 175 4.9 4.1 6.1





#69
p-Isopropyltoluene
Concen: 0.477 ppbv
RT: 16.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VL041301.D
Acq: 4 Jun 2024 11:10

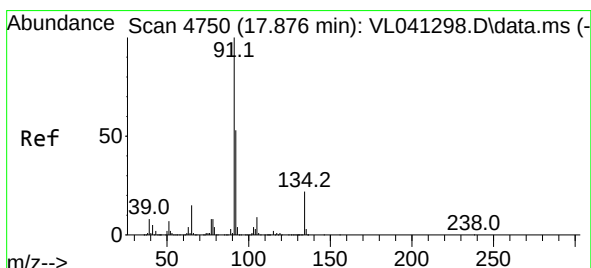
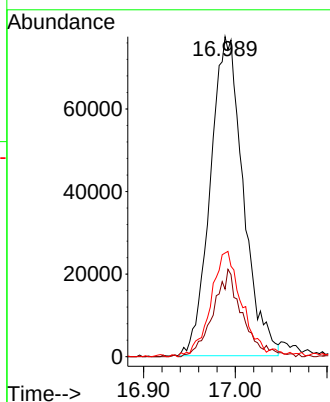
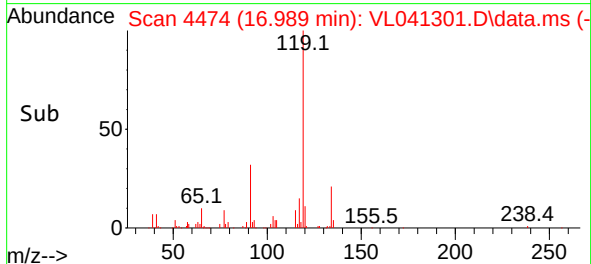
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



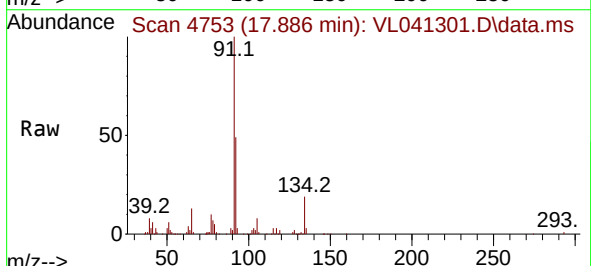
Tgt Ion:119 Resp: 192579
Ion Ratio Lower Upper
119 100
134 24.5 20.1 30.1
91 32.3 24.1 36.1

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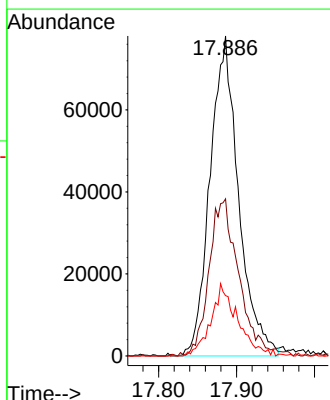
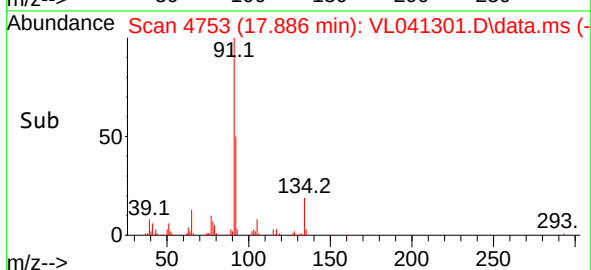
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024

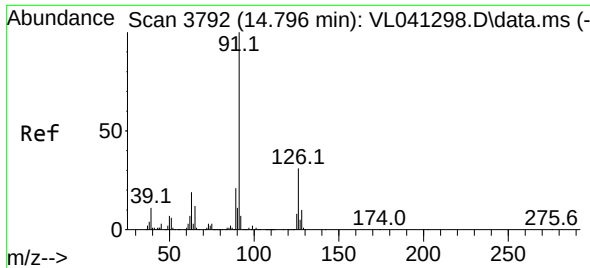


#70
n-Butylbenzene
Concen: 0.471 ppbv
RT: 17.886 min Scan# 4753
Delta R.T. 0.010 min
Lab File: VL041301.D
Acq: 4 Jun 2024 11:10



Tgt Ion: 91 Resp: 198312
Ion Ratio Lower Upper
91 100
92 51.6 42.9 64.3
134 21.5 17.9 26.9





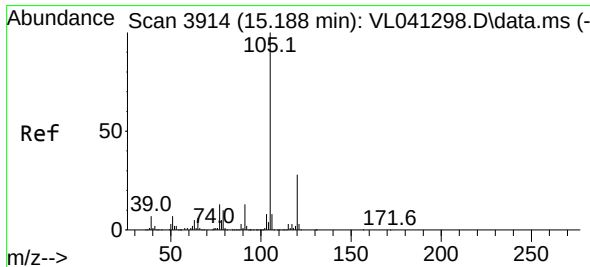
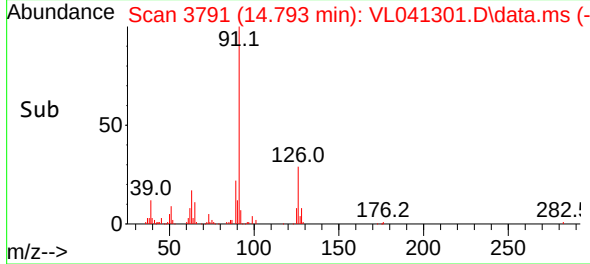
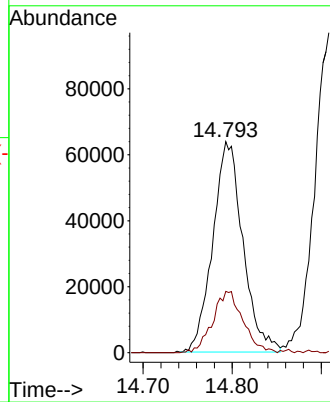
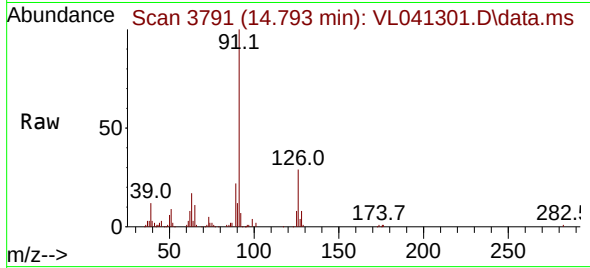
#71
2-Chlorotoluene
Concen: 0.507 ppbv
RT: 14.793 min Scan# 3791
Delta R.T. -0.003 min
Lab File: VL041301.D
Acq: 4 Jun 2024 11:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 91 Resp: 150020
Ion Ratio Lower Upper
91 100
126 29.6 12.4 49.8

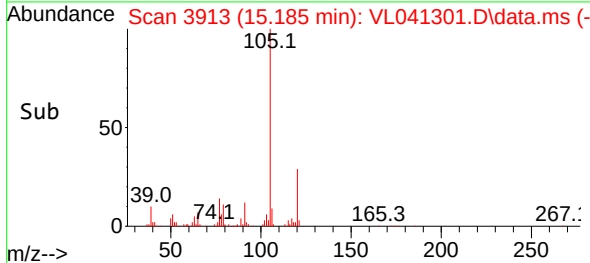
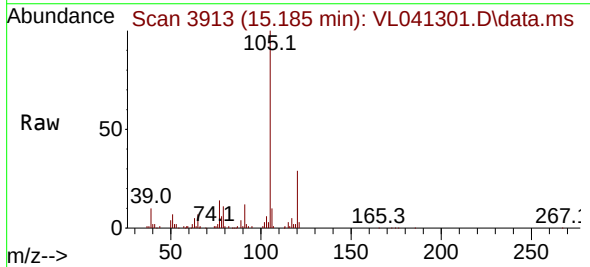
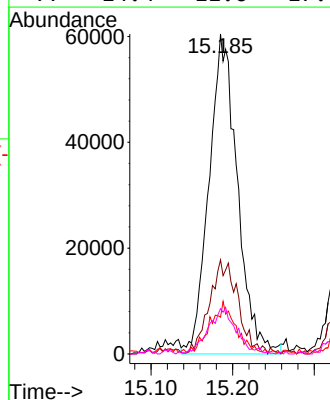
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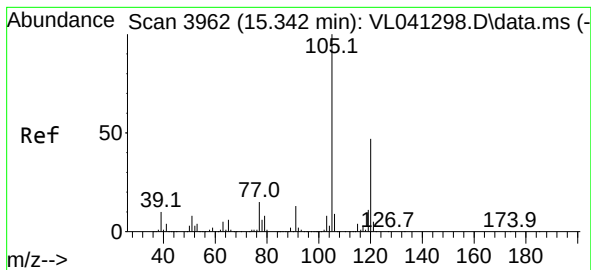
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#72
4-Ethyltoluene
Concen: 0.497 ppbv m
RT: 15.185 min Scan# 3913
Delta R.T. -0.003 min
Lab File: VL041301.D
Acq: 4 Jun 2024 11:10

Tgt Ion:105 Resp: 145994
Ion Ratio Lower Upper
105 100
120 0.0 23.7 35.5#
91 15.7 10.6 16.0
77 14.4 11.6 17.4





#73

1,3,5-Trimethylbenzene

Concen: 0.464 ppbv

RT: 15.349 min Scan# 3964

Delta R.T. 0.007 min

Lab File: VL041301.D

Acq: 4 Jun 2024 11:10

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tgt Ion:105 Resp: 123389

Ion Ratio Lower Upper

105 100

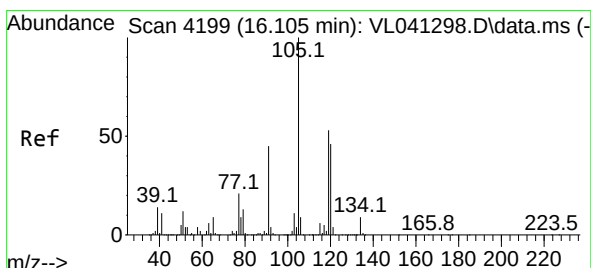
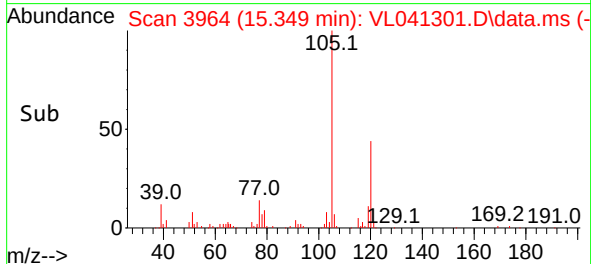
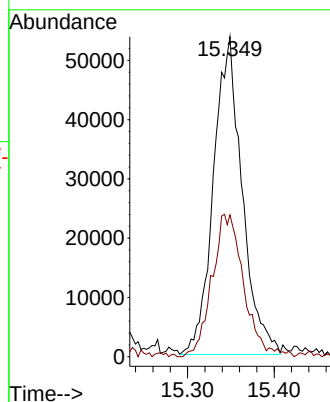
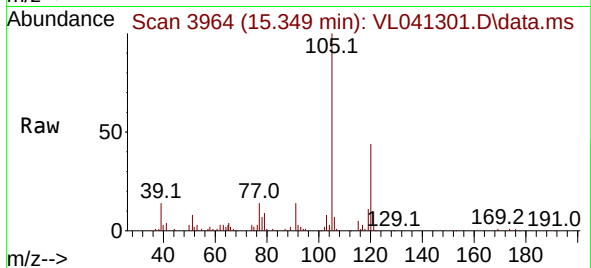
120 44.6 37.8 56.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/05/2024

Supervised By :Mahesh Dadoda 06/05/2024



#74

1,2,4-Trimethylbenzene

Concen: 0.495 ppbv

RT: 16.098 min Scan# 4197

Delta R.T. -0.006 min

Lab File: VL041301.D

Acq: 4 Jun 2024 11:10

Tgt Ion:105 Resp: 143873

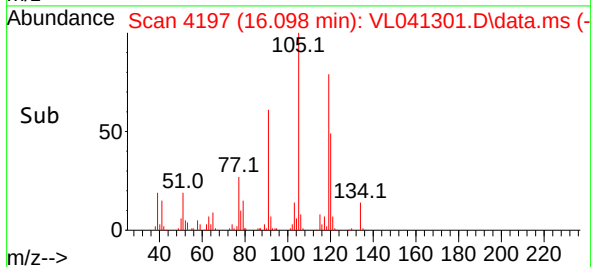
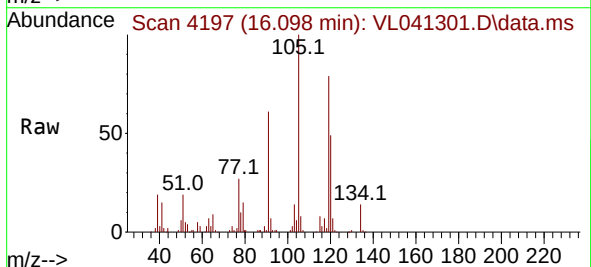
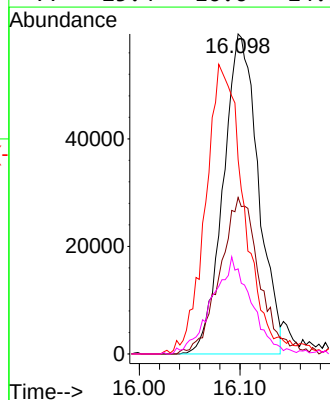
Ion Ratio Lower Upper

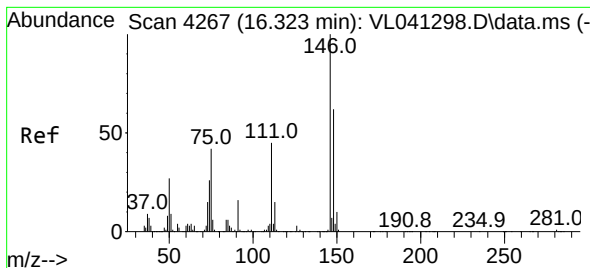
105 100

120 48.1 37.0 55.6

91 58.0 36.2 54.4#

77 25.4 16.6 24.8#





#75

1,3-Dichlorobenzene

Concen: 0.504 ppbv

RT: 16.323 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041301.D

Acq: 4 Jun 2024 11:10

Instrument :

MSVOA_L

ClientSampleId :

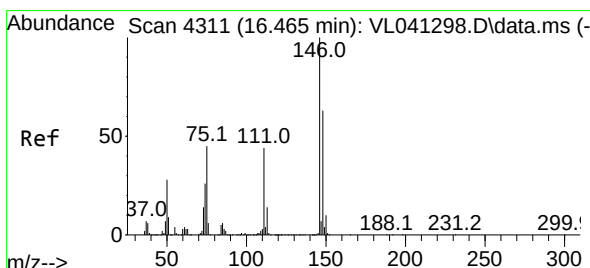
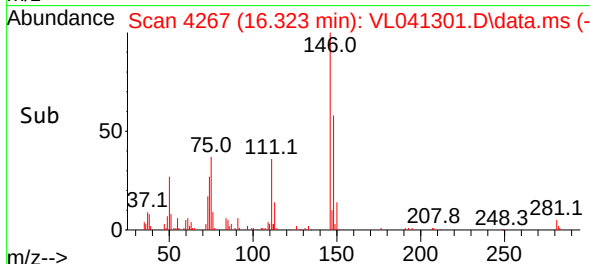
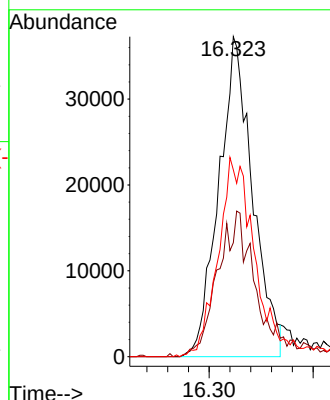
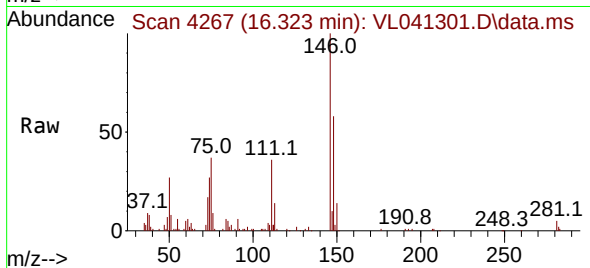
VSTDICC0.5

Tgt Ion:	146	Resp:	8404
Ion Ratio	Lower	Upper	
146	100		
111	50.6	23.3	69.8
148	68.8	32.2	96.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#76

1,4-Dichlorobenzene

Concen: 0.560 ppbv m

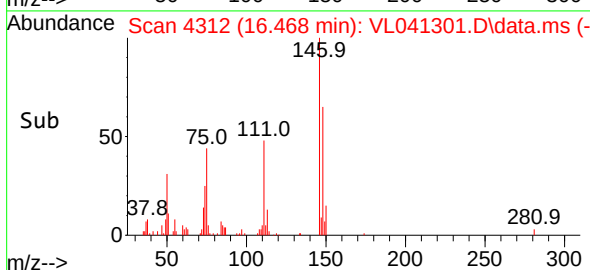
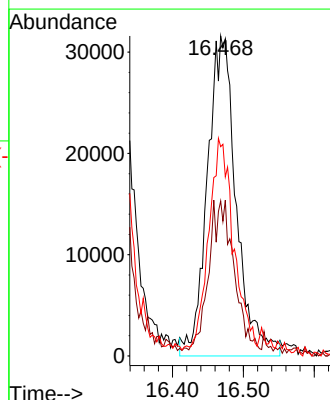
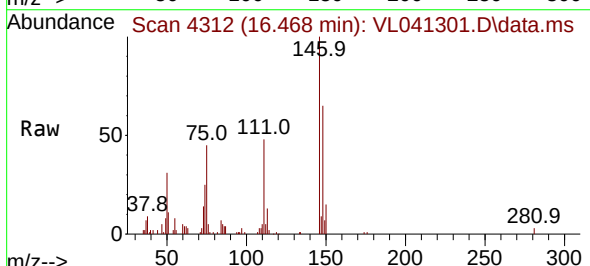
RT: 16.468 min Scan# 4312

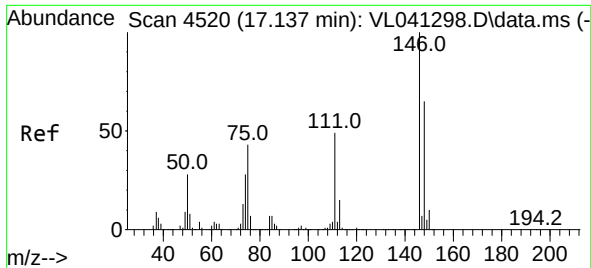
Delta R.T. 0.003 min

Lab File: VL041301.D

Acq: 4 Jun 2024 11:10

Tgt Ion:	146	Resp:	89681
Ion Ratio	Lower	Upper	
146	100		
111	0.0	23.3	69.9#
148	0.0	32.9	98.6#





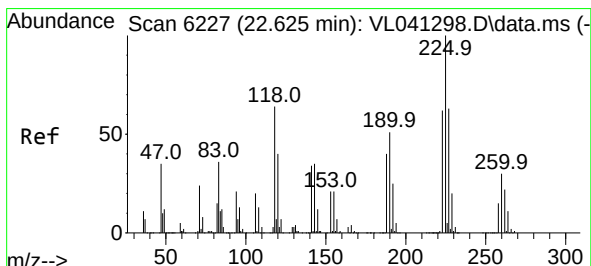
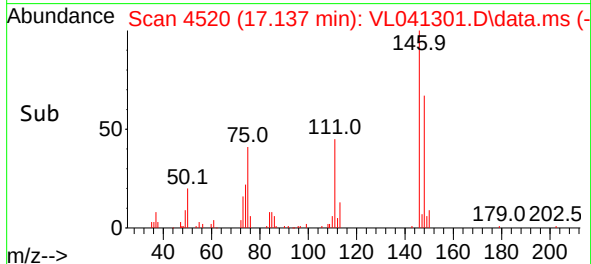
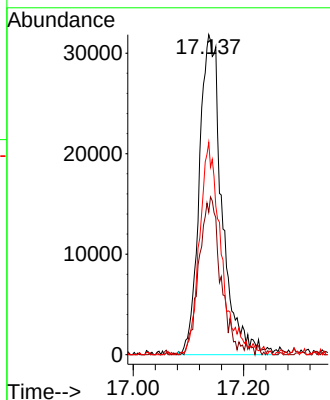
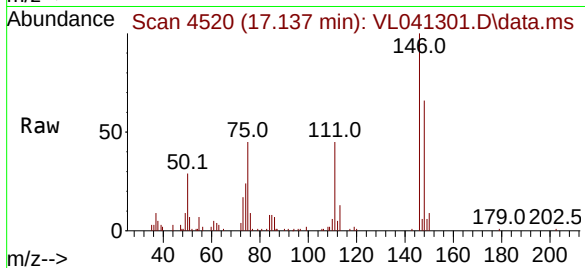
#77
1,2-Dichlorobenzene
Concen: 0.548 ppbv m
RT: 17.137 min Scan# 4520
Delta R.T. 0.000 min
Lab File: VL041301.D
Acq: 4 Jun 2024 11:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:146 Resp: 91290
Ion Ratio Lower Upper
146 100
111 48.3 24.3 72.9
148 62.9 32.0 96.0

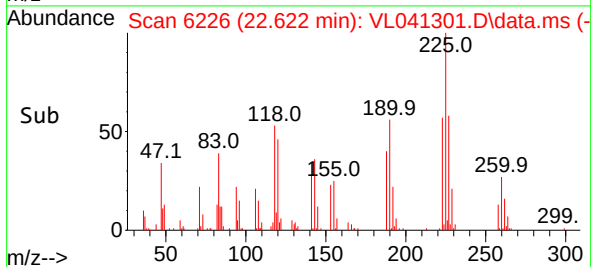
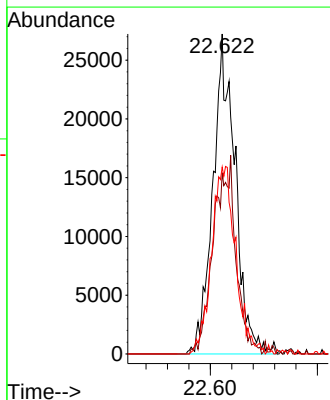
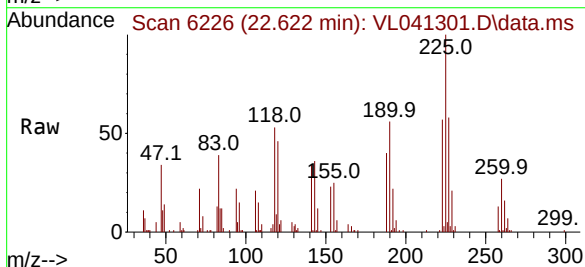
Manual Integrations
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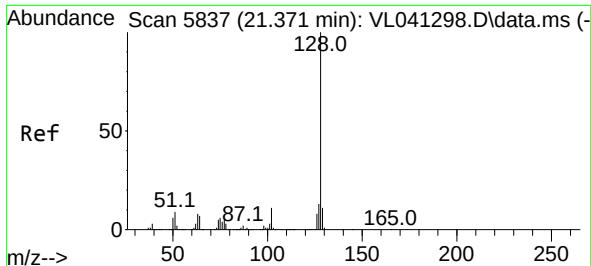
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#78
Hexachloro-1,3-Butadiene
Concen: 0.529 ppbv m
RT: 22.622 min Scan# 6226
Delta R.T. -0.003 min
Lab File: VL041301.D
Acq: 4 Jun 2024 11:10

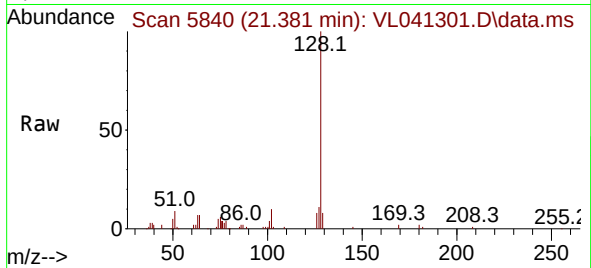
Tgt Ion:225 Resp: 78297
Ion Ratio Lower Upper
225 100
223 0.0 51.0 76.6#
227 0.0 51.1 76.7#





#79
Naphthalene
Concen: 0.389 ppbv m
RT: 21.381 min Scan# 5840
Delta R.T. 0.010 min
Lab File: VL041301.D
Acq: 4 Jun 2024 11:10

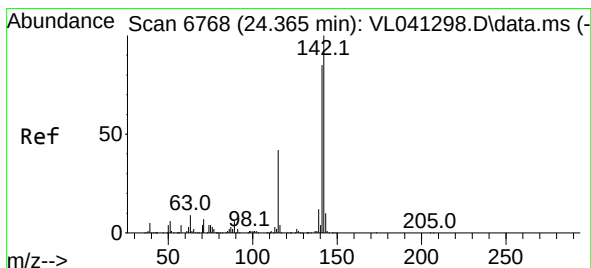
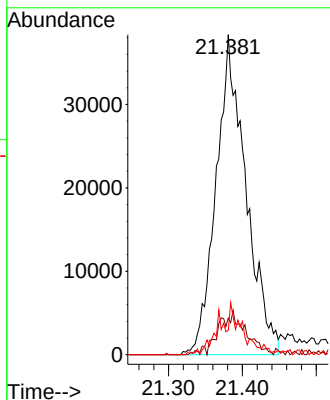
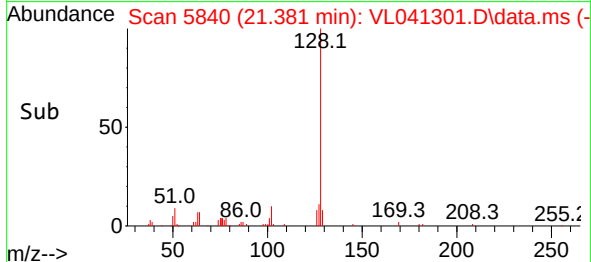
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



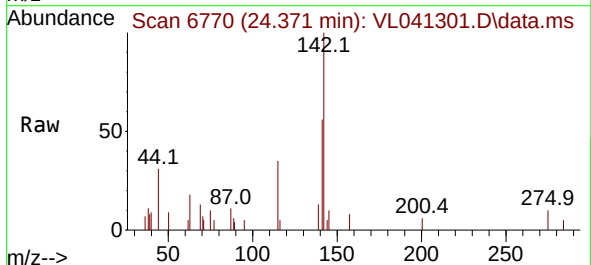
Tgt Ion:128 Resp: 107540
Ion Ratio Lower Upper
128 100
127 11.4 10.5 15.7
129 7.6 9.1 13.7

Manual Integrations
APPROVED

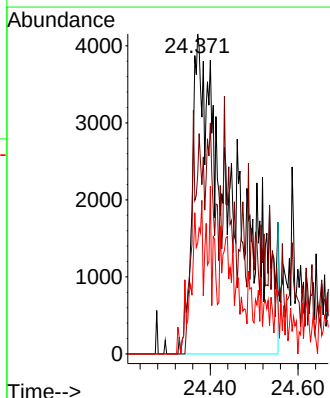
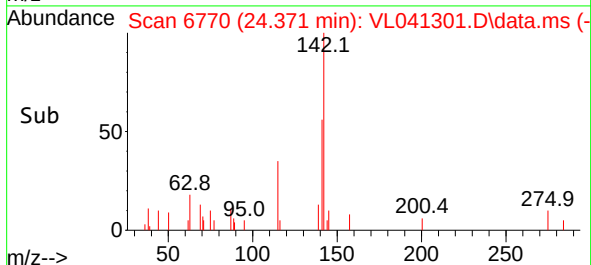
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024

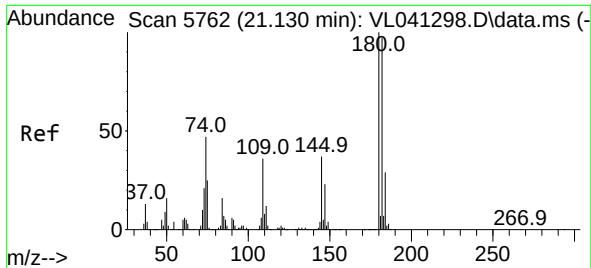


#80
Naphthalene,2-methyl-
Concen: 0.238 ppbv m
RT: 24.371 min Scan# 6770
Delta R.T. 0.006 min
Lab File: VL041301.D
Acq: 4 Jun 2024 11:10



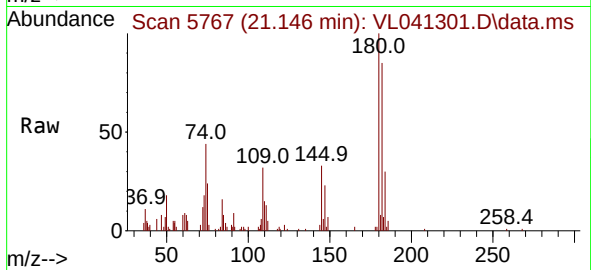
Tgt Ion:142 Resp: 26477
Ion Ratio Lower Upper
142 100
141 19.2 68.5 102.7#
115 0.0 32.6 49.0#





#81
1,2,4-Trichlorobenzene
Concen: 0.440 ppbv m
RT: 21.146 min Scan# 51
Delta R.T. 0.016 min
Lab File: VL041301.D
Acq: 4 Jun 2024 11:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



Tgt Ion:180 Resp: 6428
Ion Ratio Lower Upper
180 100
182 0.0 77.0 115.6
184 33.5 0.0 0.0

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024

