

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060424\
 Data File : VL041299.D
 Acq On : 4 Jun 2024 9:52
 Operator : SY/MD
 Sample : VSTDICC002
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC002

Manual Integrations
 APPROVED

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

Quant Time: Jun 04 11:35:40 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	5.201	49	989041	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.661	114	2646176	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	2589868	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.770 95 1940680 9.926 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 99.300%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.758	85	325747	2.435	ppbv	100
3) Chlorodifluoromethane	2.703	51	338362	2.253	ppbv	99
4) Chloromethane	2.845	50	126289	2.143	ppbv	91
5) Vinyl Chloride	2.947	62	125616	2.121	ppbv	98
6) Bromomethane	3.144	94	44217	2.047	ppbv	89
7) Chloroethane	3.221	64	44002	2.105	ppbv	97
8) Dichlorotetrafluoroethane	2.883	85	310961	2.246	ppbv	97
9) Propene	2.722	41	120006	2.041	ppbv	99
10) Heptane	7.581	43	286269	2.010	ppbv	100
11) Trichlorofluoromethane	3.584	101	302549	2.225	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.086	101	216822	2.156	ppbv	96
13) Ethanol	3.272	45	34145	2.591	ppbv	99
14) Bromoethene	3.391	108	87247	2.103	ppbv #	91
15) Acetone	3.494	43	249399	2.137	ppbv	96
16) 1,3-Butadiene	3.012	39	113269	1.922	ppbv	85
17) tert-Butyl alcohol	3.896	59	215024	1.708	ppbv	100
18) 1,1-Dichloroethene	3.896	96	93014	2.075	ppbv	94
19) Isopropyl Alcohol	3.597	45	148489	1.939	ppbv	100
20) Methylene Chloride	3.954	84	87232	2.149	ppbv	96
21) Allyl Chloride	4.015	41	153150	2.012	ppbv	97
22) trans-1,2-Dichloroethene	4.462	96	98831	2.120	ppbv	91
23) Vinyl Acetate	4.642	43	244713	1.904	ppbv	98
24) 1,1-Dichloroethane	4.574	63	217408	2.175	ppbv	99
25) Ethyl Acetate	5.218	43	487123	2.091	ppbv	99
26) Hexane	5.227	57	214645	2.064	ppbv	96
27) Carbon Disulfide	4.140	76	235426	1.913	ppbv #	92
28) Methyl tert-Butyl Ether	4.600	73	160648	1.941	ppbv	99
29) Chloroform	5.282	83	334008	2.329	ppbv	95
30) Cyclohexane	6.607	84	178097	2.164	ppbv	95
31) cis-1,2-Dichloroethene	5.089	61	200170	2.057	ppbv	95
32) 1,1,1-Trichloroethane	6.008	97	317486	2.218	ppbv	98
34) 2-Butanone	4.800	43	272260	2.021	ppbv	100
35) Carbon Tetrachloride	6.500	117	330834	2.228	ppbv	98
36) Benzene	6.378	78	451133	2.032	ppbv	97
37) 1,2-Dichloroethane	5.816	62	257543	2.223	ppbv	100
38) Trichloroethene	7.295	130	171958	2.078	ppbv	97
39) 1,2-Dichloropropane	7.076	63	174998m	2.045	ppbv	
40) 1,4-Dioxane	7.301	88	69071m	2.259	ppbv	
41) Tetrahydrofuran	5.571	42	179858	1.845	ppbv	99
42) Bromodichloromethane	7.250	83	364191	2.192	ppbv	95
43) Methyl Methacrylate	7.481	69	169741	1.890	ppbv	96
44) 2,2,4-Trimethylpentane	7.327	57	765169	1.998	ppbv	99
45) t-1,3-Dichloropropene	8.706	75	113720m	1.747	ppbv	

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Manual Integrations
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 Supervised By :Mahesh Dadoda 06/05/2024

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

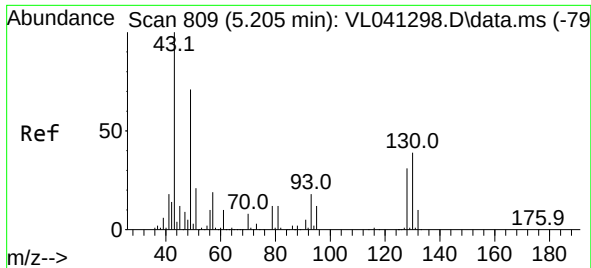
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2

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

Response via : Initial Calibration

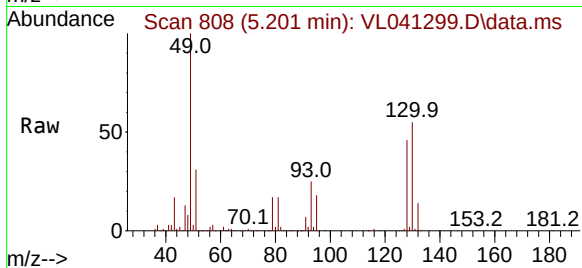
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.147	75	143330	1.799	ppbv	96
47) 1,1,2-Trichloroethane	8.896	97	182770	2.134	ppbv	97
48) Dibromochloromethane	9.709	129	301441	2.209	ppbv	98
49) Bromoform	12.404	173	248528	2.141	ppbv	98
50) 4-Methyl-2-Pentanone	8.185	43	455025	1.883	ppbv	100
51) 2-Hexanone	9.555	43	319389	1.781	ppbv #	99
52) Tetrachloroethene	10.616	164	156010	1.999	ppbv	96
53) Toluene	9.221	91	512726	1.991	ppbv	100
54) 1,2-Dibromoethane	10.008	107	245326	2.115	ppbv	97
56) 1,1,1,2-Tetrachloroethane	11.503	131	225920	2.151	ppbv #	1
57) Chlorobenzene	11.523	112	401917	2.119	ppbv	100
58) Ethyl Benzene	12.085	91	724448	2.040	ppbv	96
59) m/p-Xylene	12.372	91	1231913m	4.127	ppbv	
60) o-Xylene	13.056	91	590989	2.112	ppbv	98
61) Styrene	12.896	104	286932m	1.941	ppbv	
62) Isopropylbenzene	14.024	105	898675	2.147	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.040	83	413588	2.169	ppbv	99
64) n-propylbenzene	14.912	120	230160	2.205	ppbv	93
65) tert-Butylbenzene	16.085	119	808022	2.156	ppbv	98
66) Benzyl Chloride	16.330	91	46585m	1.098	ppbv	
67) sec-Butylbenzene	16.632	105	1143855	2.168	ppbv	99
69) p-Isopropyltoluene	16.986	119	943903	2.171	ppbv	100
70) n-Butylbenzene	17.883	91	993263	2.187	ppbv	99
71) 2-Chlorotoluene	14.796	91	681241	2.138	ppbv	100
72) 4-Ethyltoluene	15.191	105	688843	2.174	ppbv	100
73) 1,3,5-Trimethylbenzene	15.342	105	614380	2.143	ppbv	97
74) 1,2,4-Trimethylbenzene	16.101	105	679045	2.168	ppbv #	89
75) 1,3-Dichlorobenzene	16.326	146	393551	2.192	ppbv	97
76) 1,4-Dichlorobenzene	16.468	146	385424	2.232	ppbv	97
77) 1,2-Dichlorobenzene	17.137	146	392810	2.188	ppbv	97
78) Hexachloro-1,3-Butadiene	22.619	225	333701m	2.092	ppbv	
79) Naphthalene	21.381	128	684977	2.297	ppbv	97
80) Naphthalene,2-methyl-	24.368	142	219298	1.828	ppbv	97
81) 1,2,4-Trichlorobenzene	21.140	180	337204	2.142	ppbv #	98

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.201 min Scan# 809
Delta R.T. -0.004 min
Lab File: VL041299.D
Acq: 4 Jun 2024 9:52

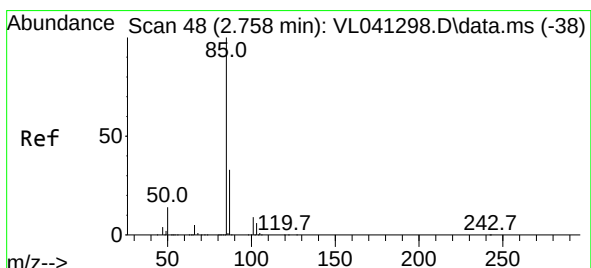
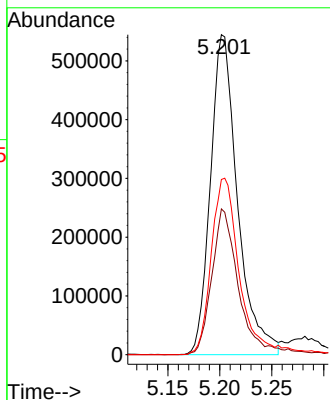
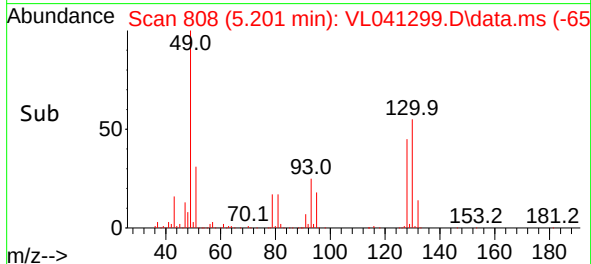
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



Tgt Ion: 49 Resp: 98904
Ion Ratio Lower Upper
49 100
128 46.1 22.8 68.3
130 58.4 28.4 85.3

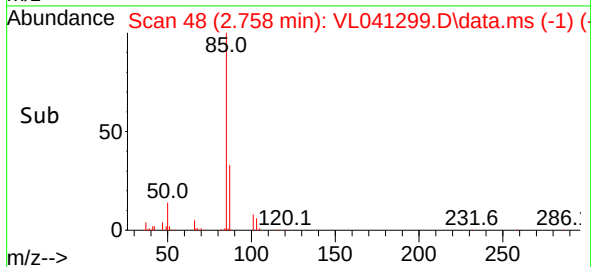
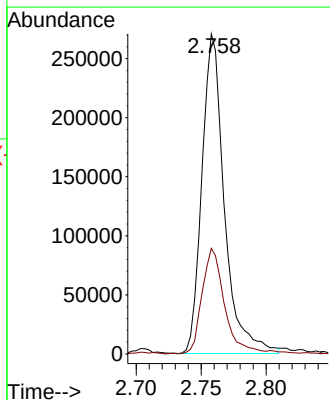
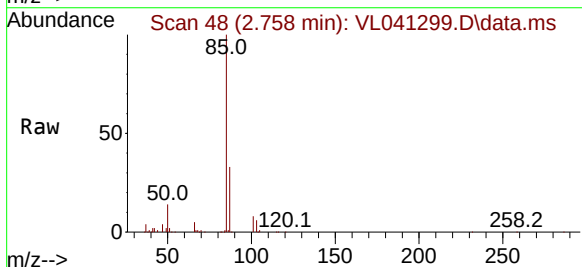
Manual Integrations
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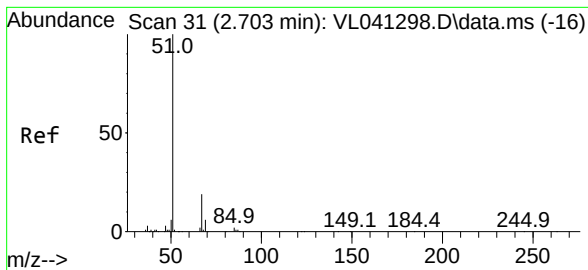
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#2
Dichlorodifluoromethane
Concen: 2.435 ppbv
RT: 2.758 min Scan# 48
Delta R.T. 0.000 min
Lab File: VL041299.D
Acq: 4 Jun 2024 9:52

Tgt Ion: 85 Resp: 325747
Ion Ratio Lower Upper
85 100
87 33.0 26.5 39.7





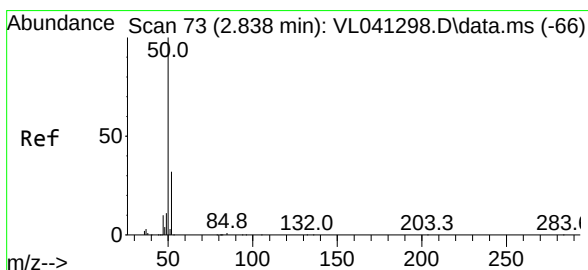
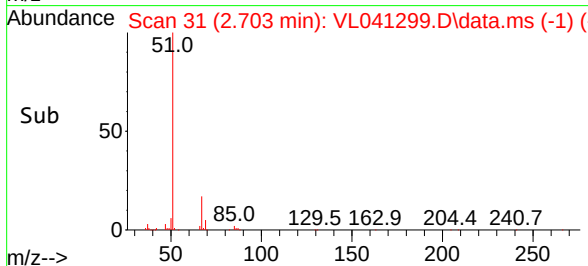
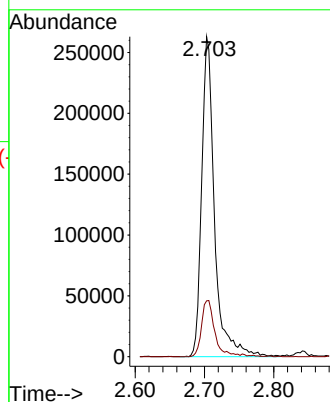
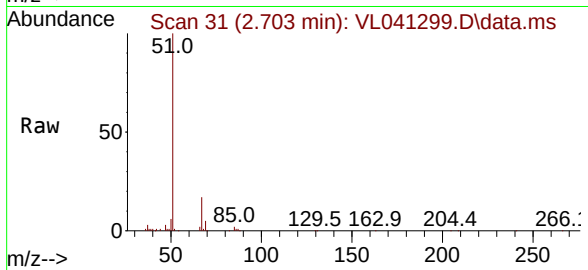
#3
Chlorodifluoromethane
Concen: 2.253 ppbv
RT: 2.703 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL041299.D
Acq: 4 Jun 2024 9:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 51 Resp: 338362
Ion Ratio Lower Upper
51 100
67 18.7 14.7 22.1

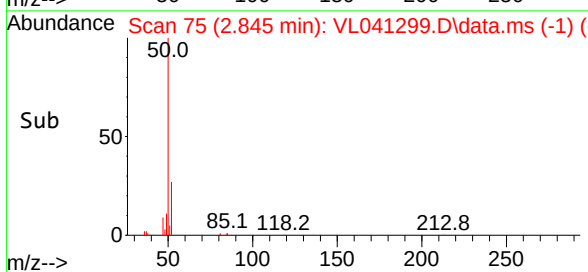
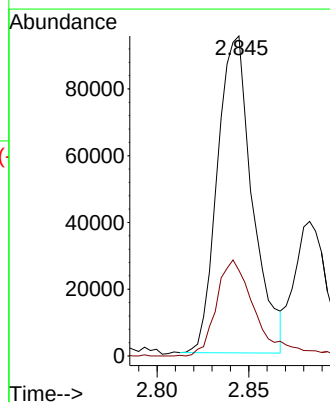
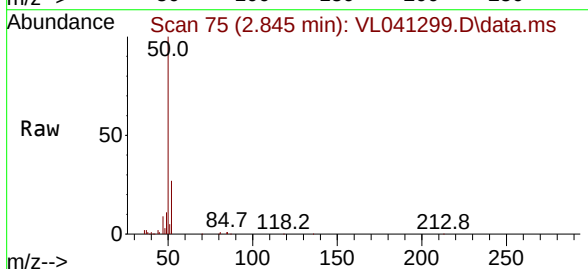
Manual Integrations
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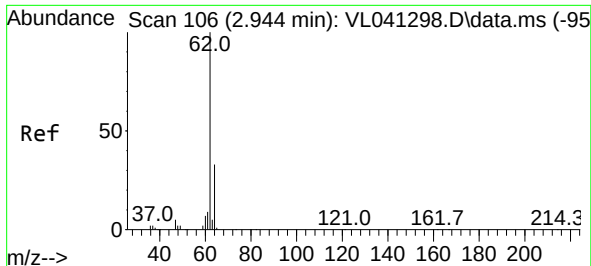
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#4
Chloromethane
Concen: 2.143 ppbv
RT: 2.845 min Scan# 75
Delta R.T. 0.006 min
Lab File: VL041299.D
Acq: 4 Jun 2024 9:52

Tgt Ion: 50 Resp: 126289
Ion Ratio Lower Upper
50 100
52 26.8 25.6 38.4





#5
 Vinyl Chloride
 Concen: 2.121 ppbv
 RT: 2.947 min Scan# 106
 Delta R.T. 0.003 min
 Lab File: VL041299.D
 Acq: 4 Jun 2024 9:52

Instrument :

MSVOA_L

ClientSampleId :

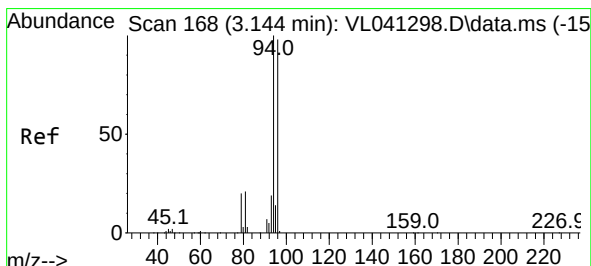
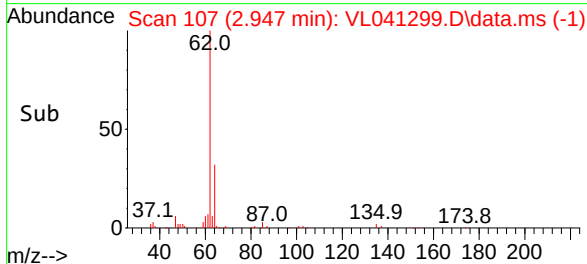
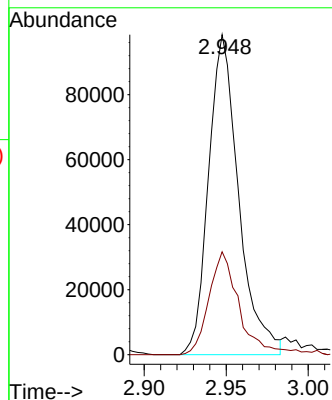
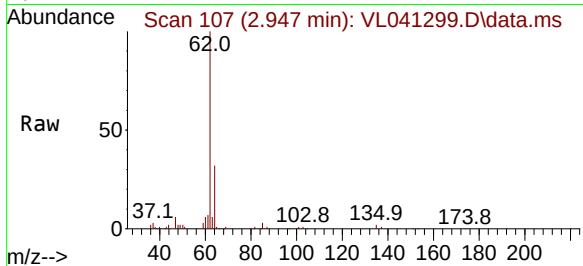
VSTDIC002

Tgt Ion: 62 Resp: 125610
 Ion Ratio Lower Upper
 62 100
 64 32.2 26.6 40.0

Manual Integrations

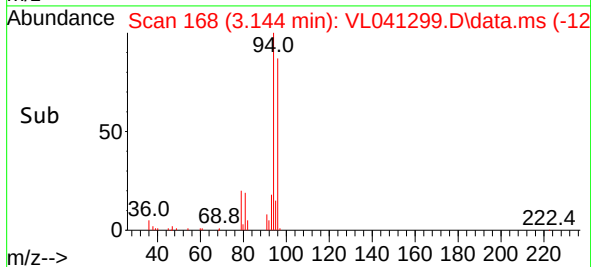
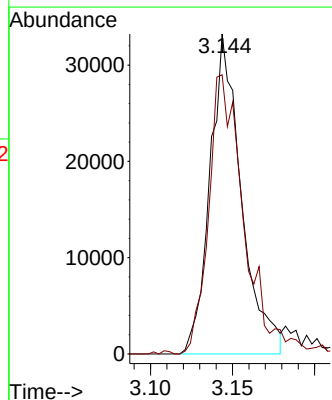
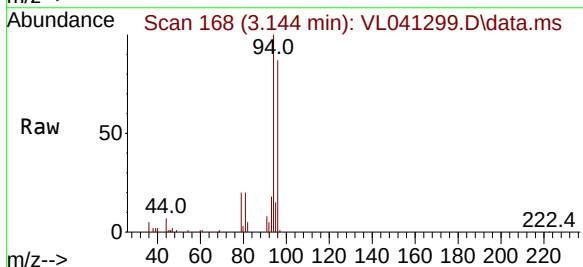
APPROVED

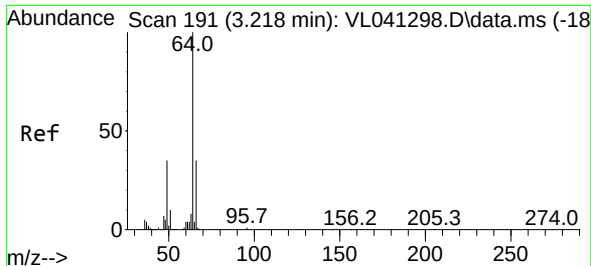
Reviewed By :Semsettin Yesilyurt 06/05/2024
 Supervised By :Mahesh Dadoda 06/05/2024



#6
 Bromomethane
 Concen: 2.047 ppbv
 RT: 3.144 min Scan# 168
 Delta R.T. 0.000 min
 Lab File: VL041299.D
 Acq: 4 Jun 2024 9:52

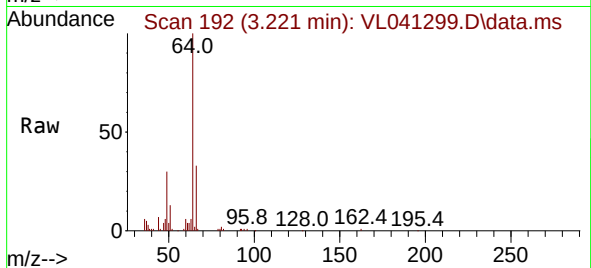
Tgt Ion: 94 Resp: 44217
 Ion Ratio Lower Upper
 94 100
 96 87.2 78.6 117.8





#7
Chloroethane
Concen: 2.105 ppbv
RT: 3.221 min Scan# 191
Delta R.T. 0.003 min
Lab File: VL041299.D
Acq: 4 Jun 2024 9:52

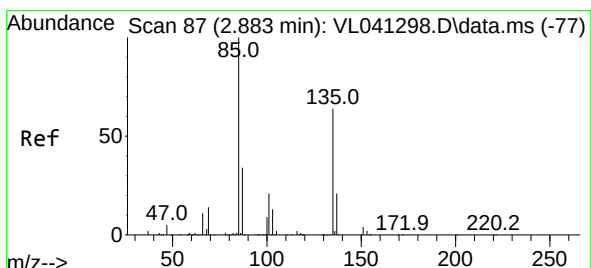
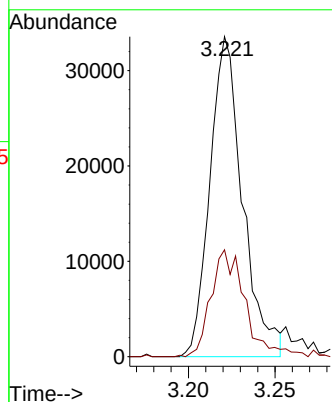
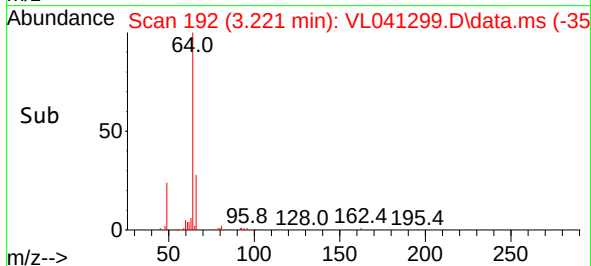
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



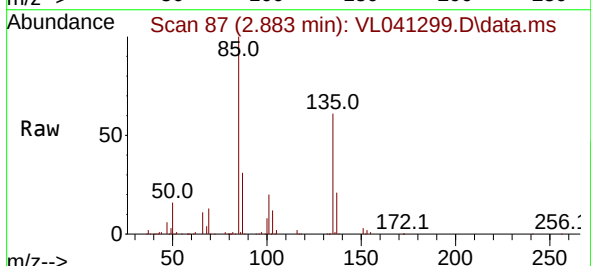
Tgt Ion: 64 Resp: 44002
Ion Ratio Lower Upper
64 100
66 33.4 28.1 42.1

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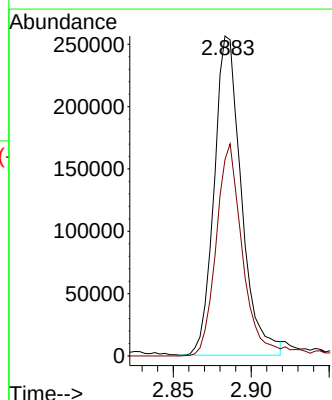
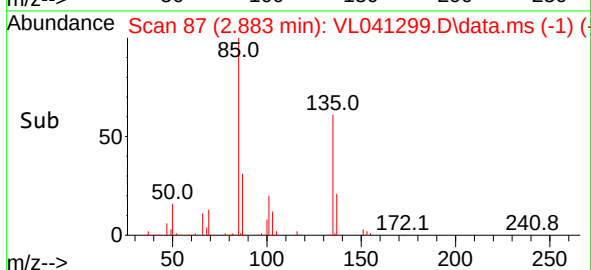
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024

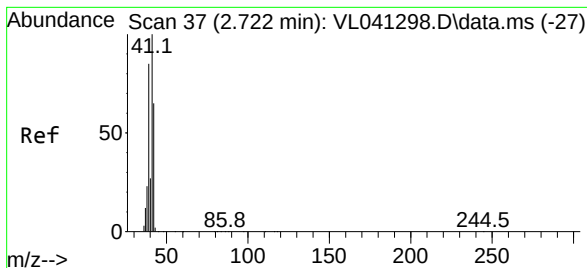


#8
Dichlorotetrafluoroethane
Concen: 2.246 ppbv
RT: 2.883 min Scan# 87
Delta R.T. -0.000 min
Lab File: VL041299.D
Acq: 4 Jun 2024 9:52



Tgt Ion: 85 Resp: 310961
Ion Ratio Lower Upper
85 100
135 67.2 51.7 77.5





#9

Propene

Concen: 2.041 ppbv

RT: 2.722 min Scan# 31

Delta R.T. -0.000 min

Lab File: VL041299.D

Acq: 4 Jun 2024 9:52

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion: 41 Resp: 120000

Ion Ratio Lower Upper

41 100

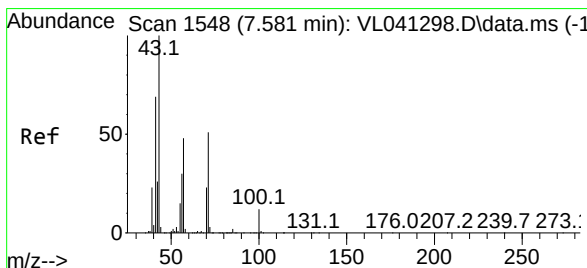
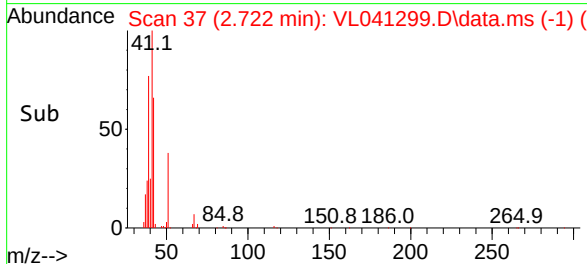
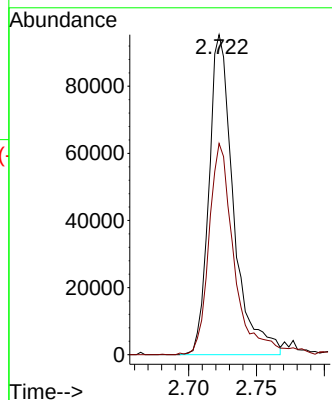
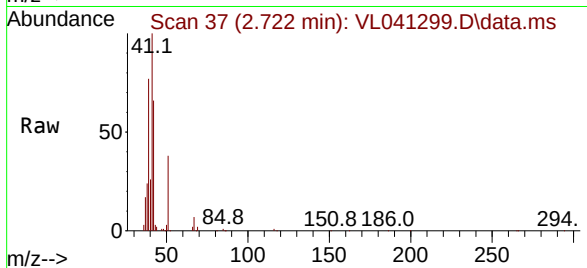
42 69.7 55.2 82.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/05/2024

Supervised By :Mahesh Dadoda 06/05/2024



#10

Heptane

Concen: 2.010 ppbv

RT: 7.581 min Scan# 1548

Delta R.T. -0.000 min

Lab File: VL041299.D

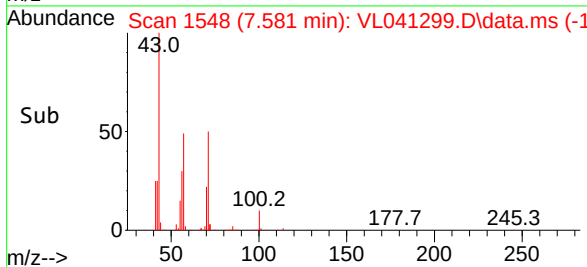
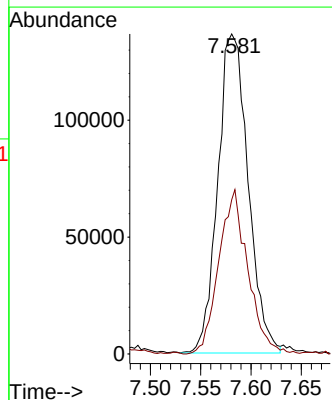
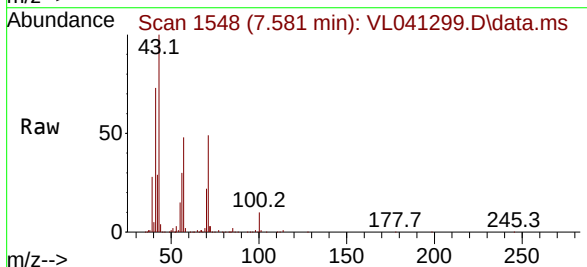
Acq: 4 Jun 2024 9:52

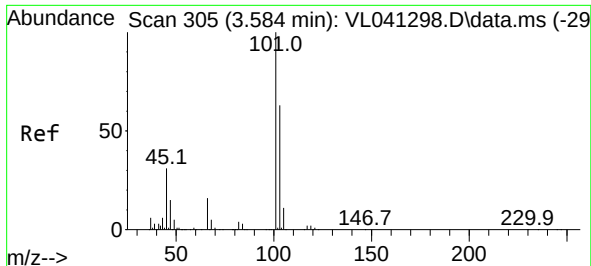
Tgt Ion: 43 Resp: 286269

Ion Ratio Lower Upper

43 100

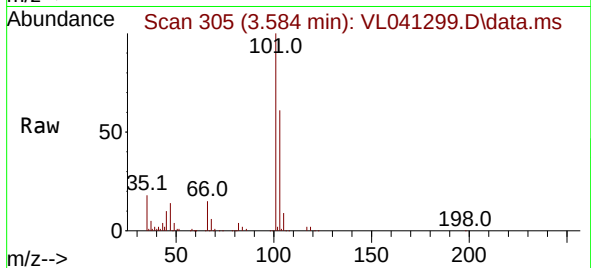
57 48.7 39.0 58.4





#11
Trichlorofluoromethane
Concen: 2.225 ppbv
RT: 3.584 min Scan# 305
Delta R.T. 0.000 min
Lab File: VL041299.D
Acq: 4 Jun 2024 9:52

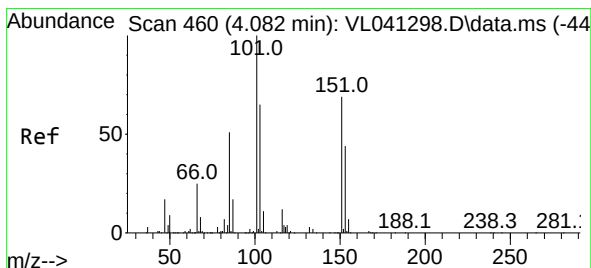
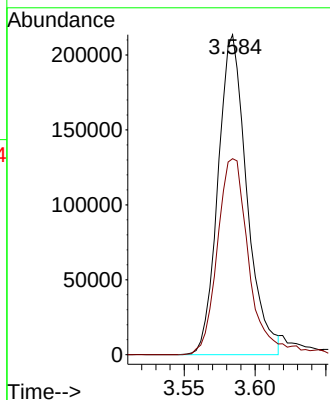
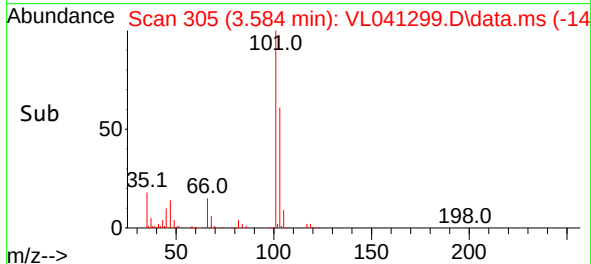
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



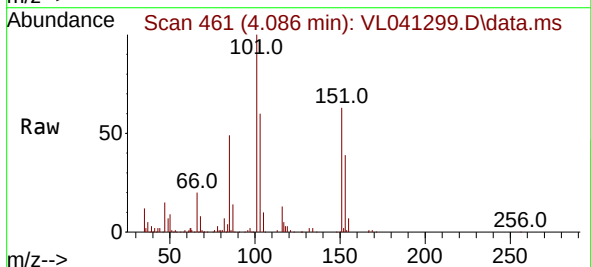
Tgt Ion:101 Resp: 302549
Ion Ratio Lower Upper
101 100
103 61.3 50.6 76.0

Manual Integrations
APPROVED

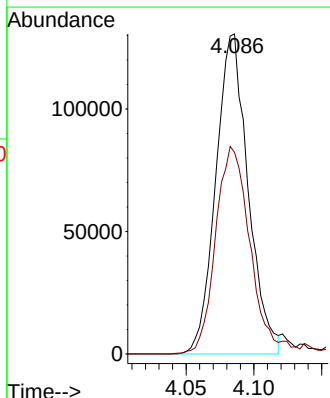
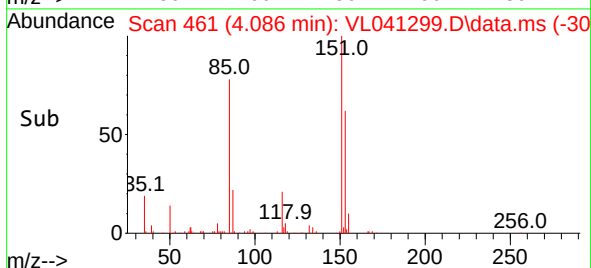
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024

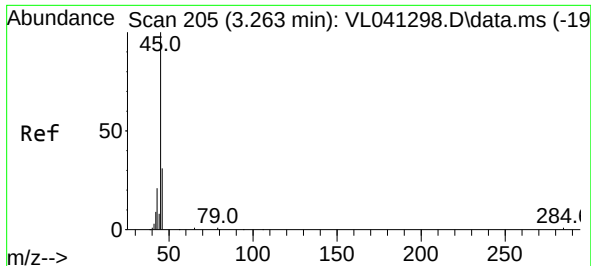


#12
1,1,2-Trichlorotrifluoroethane
Concen: 2.156 ppbv
RT: 4.086 min Scan# 461
Delta R.T. 0.003 min
Lab File: VL041299.D
Acq: 4 Jun 2024 9:52



Tgt Ion:101 Resp: 216822
Ion Ratio Lower Upper
101 100
151 71.6 54.8 82.2





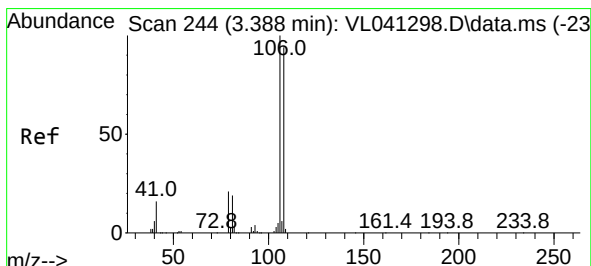
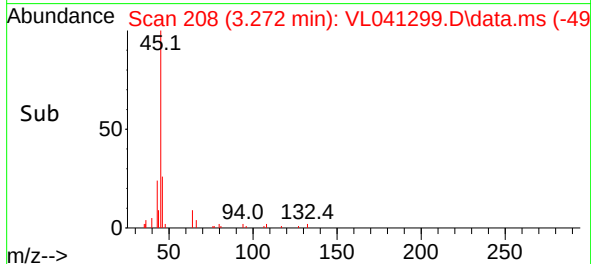
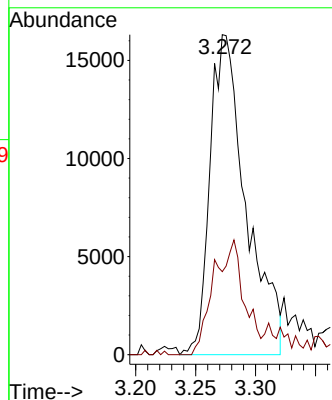
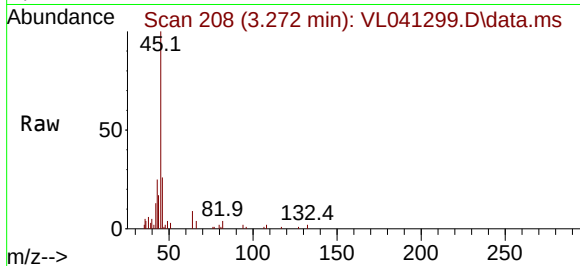
#13
Ethanol
Concen: 2.591 ppbv
RT: 3.272 min Scan# 205
Delta R.T. 0.010 min
Lab File: VL041299.D
Acq: 4 Jun 2024 9:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 45 Resp: 34145
Ion Ratio Lower Upper
45 100
46 36.2 14.2 56.6

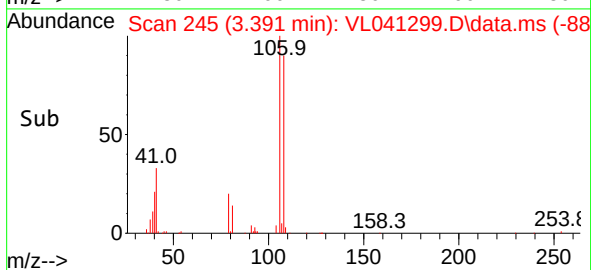
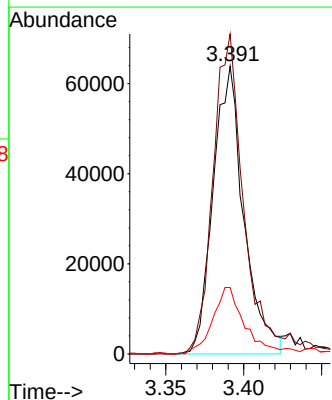
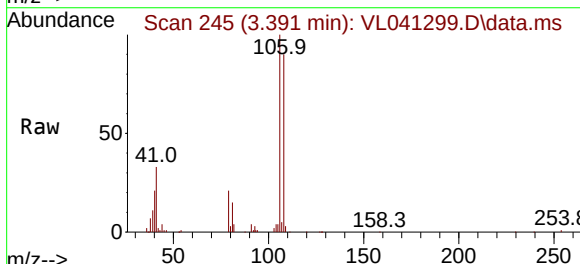
Manual Integrations
APPROVED

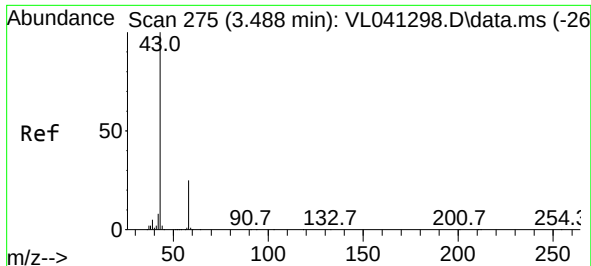
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#14
Bromoethene
Concen: 2.103 ppbv
RT: 3.391 min Scan# 245
Delta R.T. 0.003 min
Lab File: VL041299.D
Acq: 4 Jun 2024 9:52

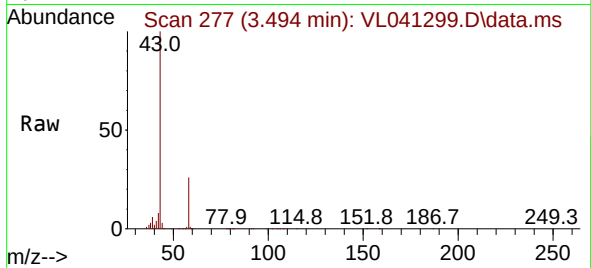
Tgt Ion:108 Resp: 87247
Ion Ratio Lower Upper
108 100
106 116.0 85.4 128.0
79 27.3 17.8 26.8#





#15
Acetone
Concen: 2.137 ppbv
RT: 3.494 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL041299.D
Acq: 4 Jun 2024 9:52

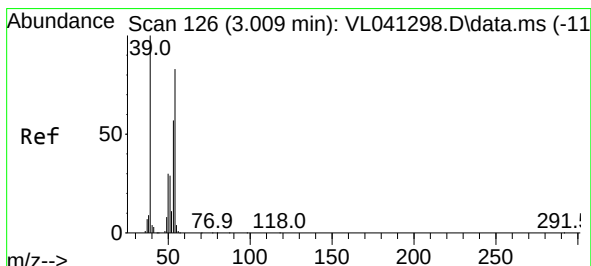
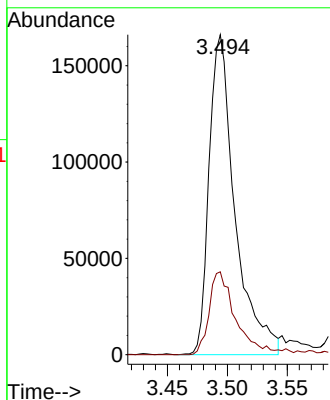
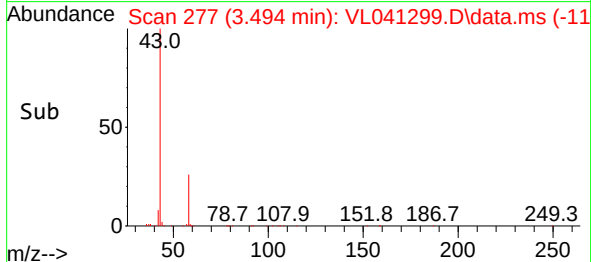
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



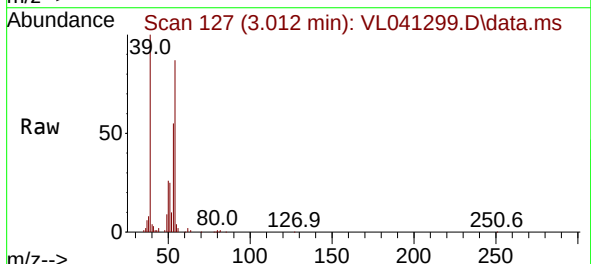
Tgt Ion: 43 Resp: 249399
Ion Ratio Lower Upper
43 100
58 27.7 20.6 31.0

Manual Integrations
APPROVED

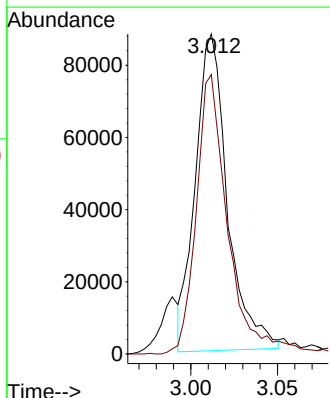
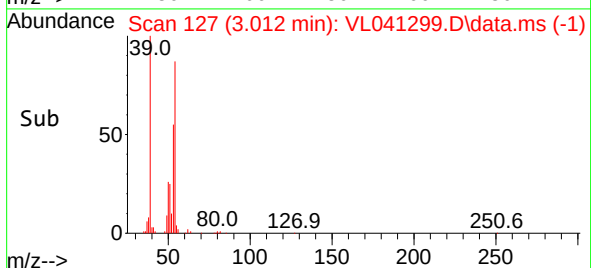
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024

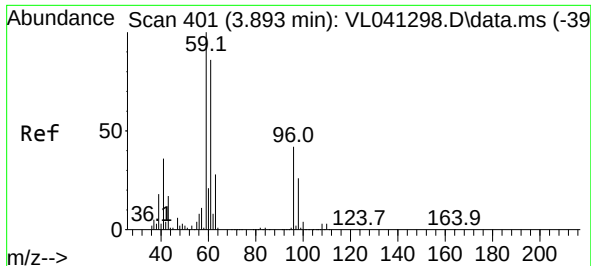


#16
1,3-Butadiene
Concen: 1.922 ppbv
RT: 3.012 min Scan# 127
Delta R.T. 0.003 min
Lab File: VL041299.D
Acq: 4 Jun 2024 9:52



Tgt Ion: 39 Resp: 113269
Ion Ratio Lower Upper
39 100
54 88.1 60.5 90.7





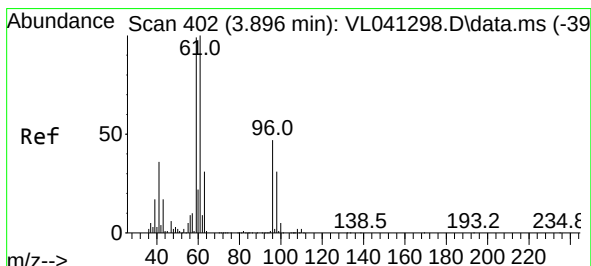
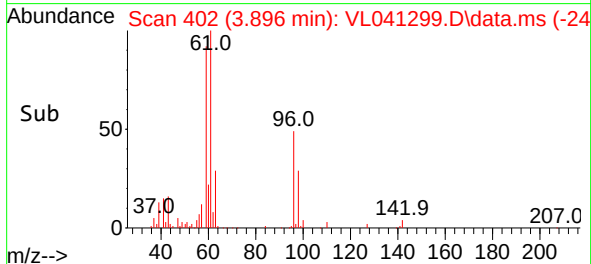
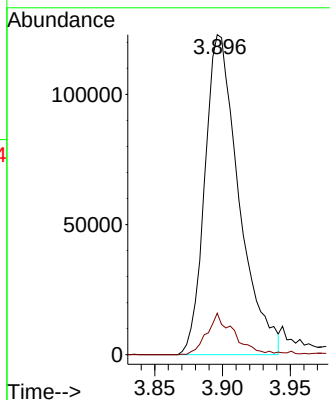
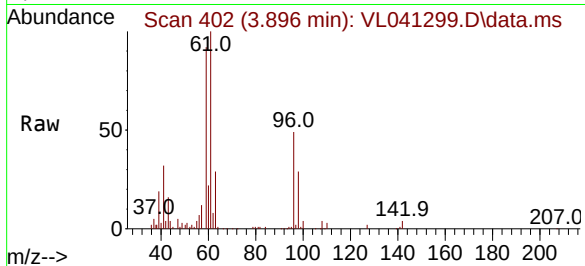
#17
tert-Butyl alcohol
Concen: 1.708 ppbv
RT: 3.896 min Scan# 401
Delta R.T. 0.003 min
Lab File: VL041299.D
Acq: 4 Jun 2024 9:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 59 Resp: 215024
Ion Ratio Lower Upper
59 100
57 11.0 9.0 13.4

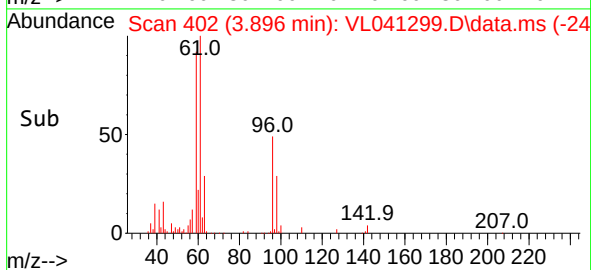
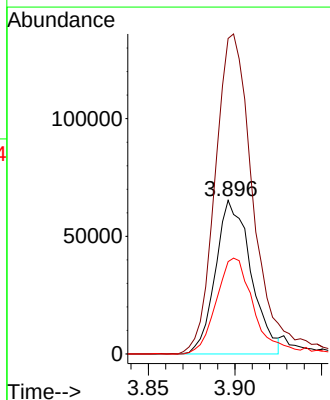
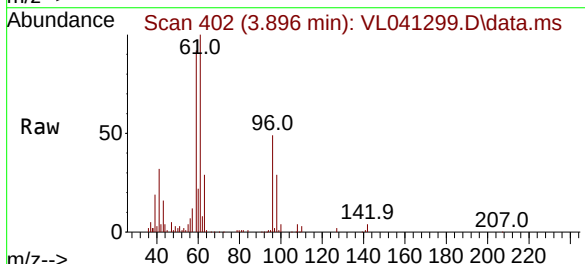
Manual Integrations
APPROVED

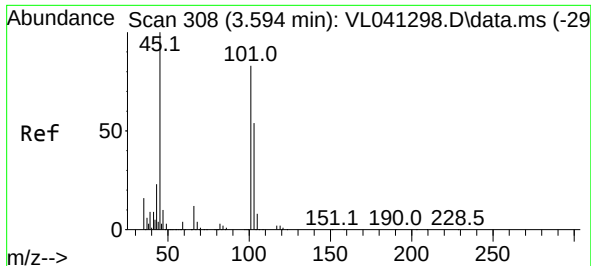
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#18
1,1-Dichloroethene
Concen: 2.075 ppbv
RT: 3.896 min Scan# 402
Delta R.T. 0.000 min
Lab File: VL041299.D
Acq: 4 Jun 2024 9:52

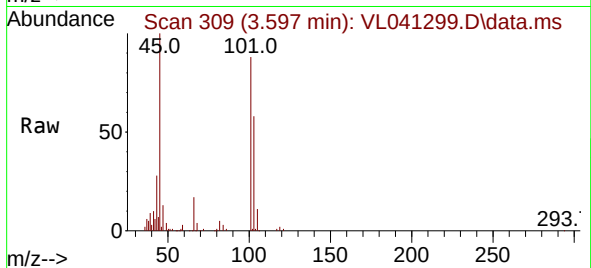
Tgt Ion: 96 Resp: 93014
Ion Ratio Lower Upper
96 100
61 205.4 171.8 257.8
98 60.1 53.1 79.7





#19
Isopropyl Alcohol
Concen: 1.939 ppbv
RT: 3.597 min Scan# 308
Delta R.T. 0.003 min
Lab File: VL041299.D
Acq: 4 Jun 2024 9:52

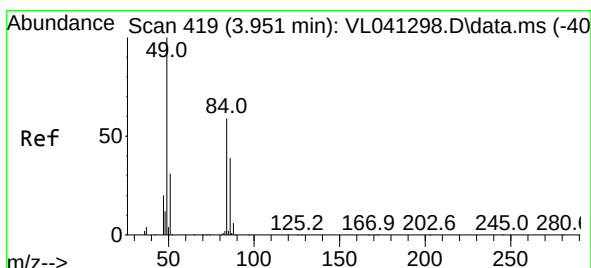
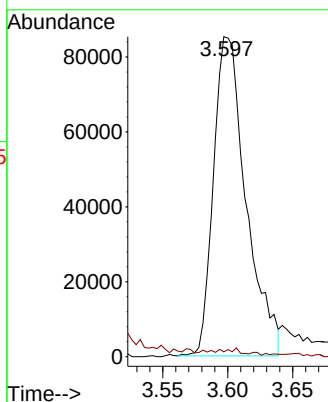
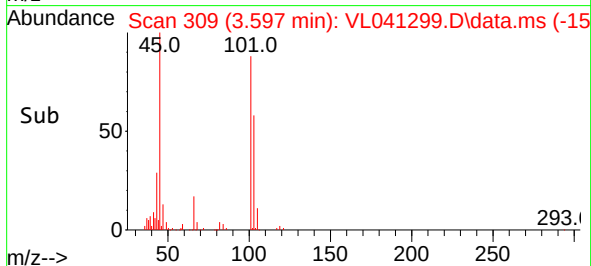
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



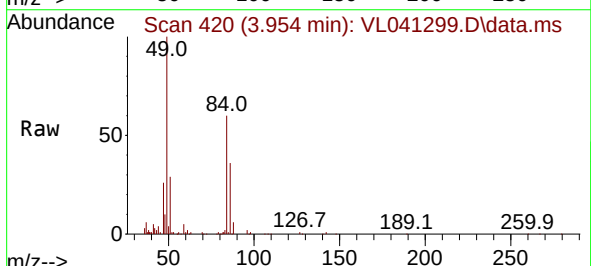
Tgt Ion: 45 Resp: 148489
Ion Ratio Lower Upper
45 100
58 1.8 1.4 2.2

Manual Integrations
APPROVED

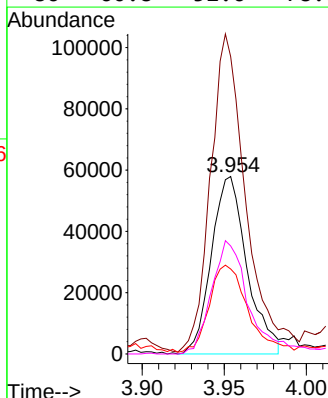
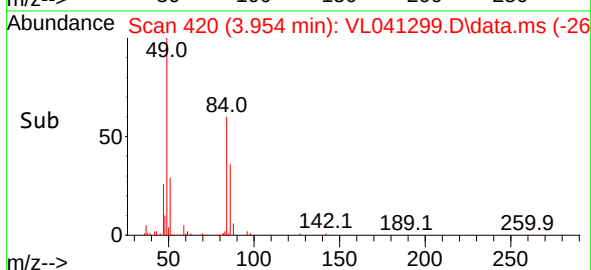
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024

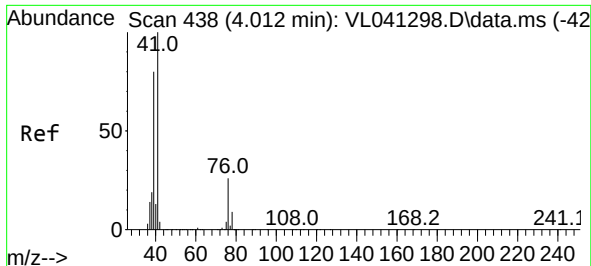


#20
Methylene Chloride
Concen: 2.149 ppbv
RT: 3.954 min Scan# 420
Delta R.T. 0.003 min
Lab File: VL041299.D
Acq: 4 Jun 2024 9:52



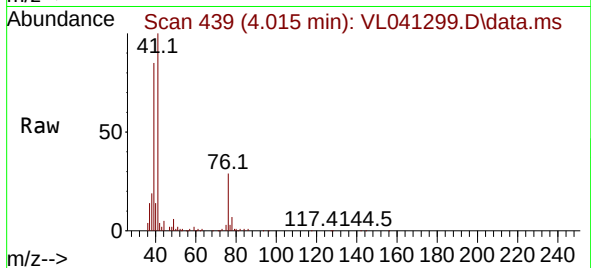
Tgt Ion: 84 Resp: 87232
Ion Ratio Lower Upper
84 100
49 166.3 136.2 204.2
51 46.9 41.9 62.9
86 60.8 52.6 78.8





#21
Allyl Chloride
Concen: 2.012 ppbv
RT: 4.015 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL041299.D
Acq: 4 Jun 2024 9:52

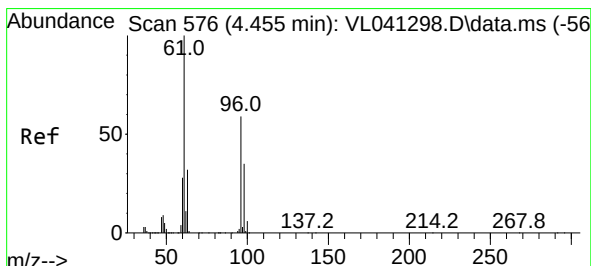
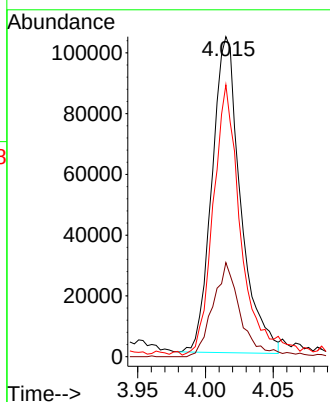
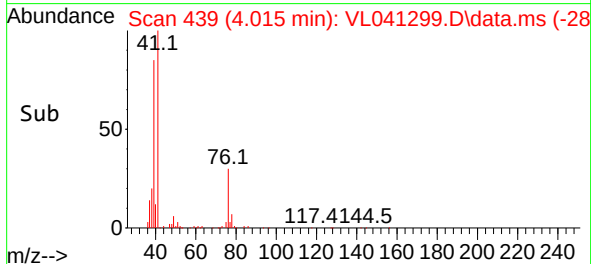
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion: 41 Resp: 153150
Ion Ratio Lower Upper
41 100
76 29.4 22.3 33.5
39 85.4 66.3 99.5

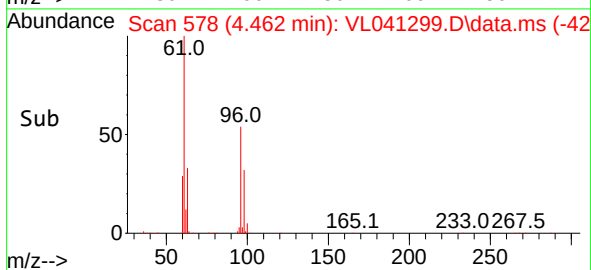
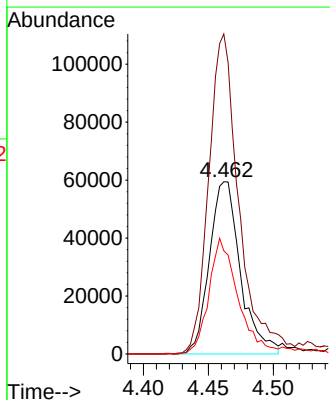
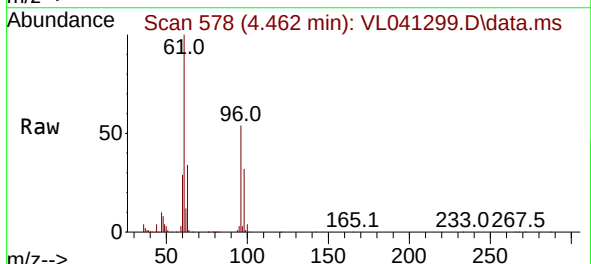
Manual Integrations
APPROVED

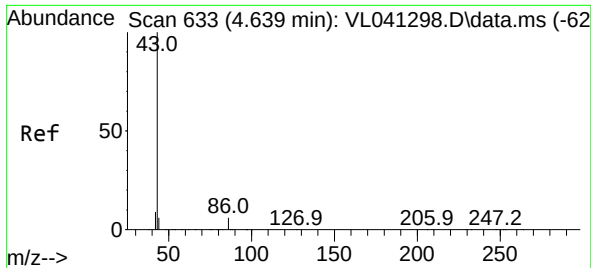
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#22
trans-1,2-Dichloroethene
Concen: 2.120 ppbv
RT: 4.462 min Scan# 578
Delta R.T. 0.006 min
Lab File: VL041299.D
Acq: 4 Jun 2024 9:52

Tgt Ion: 96 Resp: 98831
Ion Ratio Lower Upper
96 100
61 185.3 135.5 203.3
98 60.0 47.6 71.4





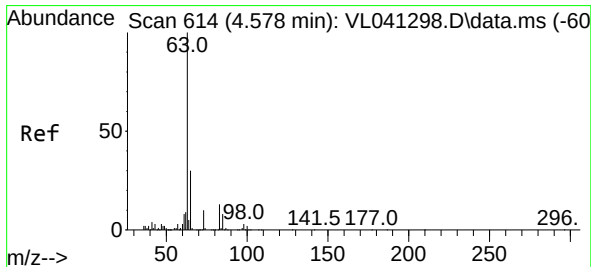
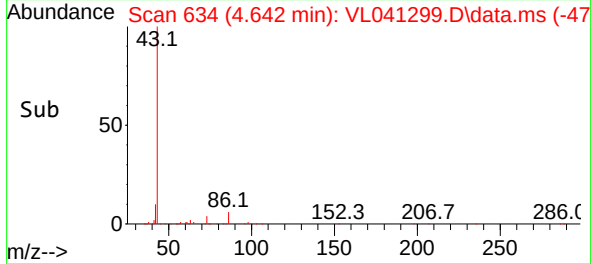
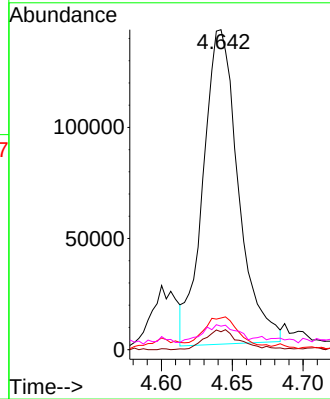
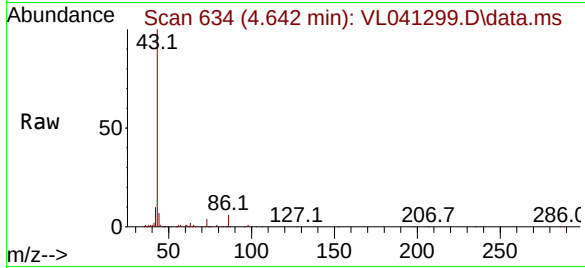
#23
Vinyl Acetate
Concen: 1.904 ppbv
RT: 4.642 min Scan# 613
Delta R.T. 0.003 min
Lab File: VL041299.D
Acq: 4 Jun 2024 9:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 43	Resp: 244711
Ion Ratio	Lower Upper
43 100	
86 5.7	4.7 7.1
42 8.5	8.0 12.0
44 5.4	4.2 6.4

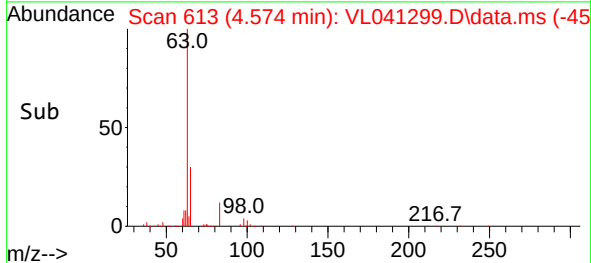
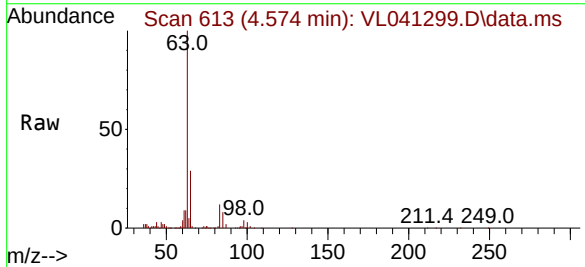
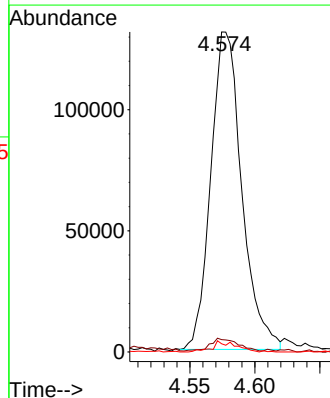
Manual Integrations
APPROVED

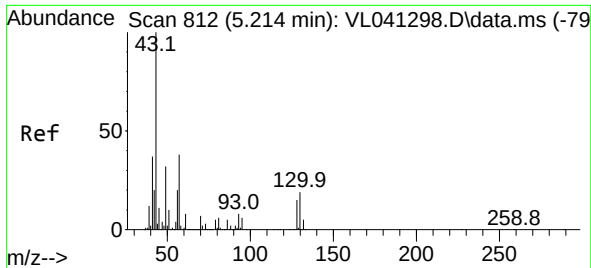
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#24
1,1-Dichloroethane
Concen: 2.175 ppbv
RT: 4.574 min Scan# 613
Delta R.T. -0.003 min
Lab File: VL041299.D
Acq: 4 Jun 2024 9:52

Tgt Ion: 63	Resp: 217408
Ion Ratio	Lower Upper
63 100	
98 3.5	1.9 5.7
100 2.6	1.1 3.5





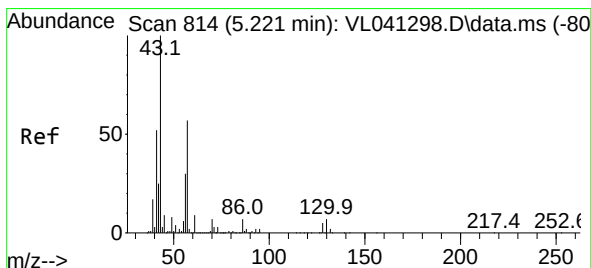
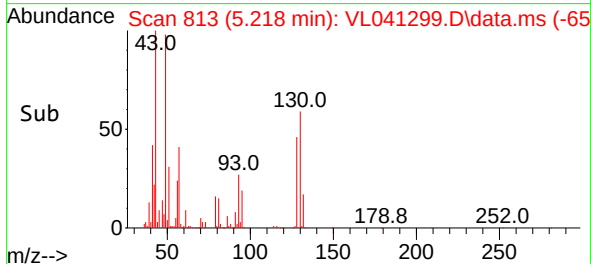
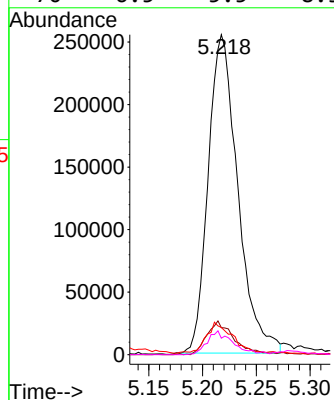
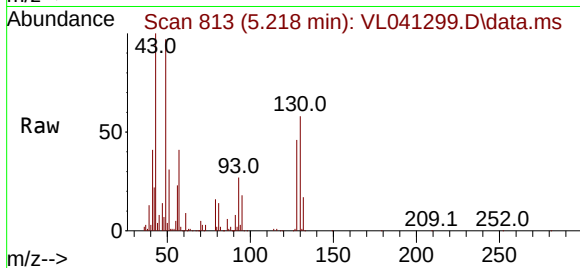
#25
Ethyl Acetate
Concen: 2.091 ppbv
RT: 5.218 min Scan# 812
Delta R.T. 0.003 min
Lab File: VL041299.D
Acq: 4 Jun 2024 9:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 43 Resp: 48712
Ion Ratio Lower Upper
43 100
45 10.1 8.1 12.1
61 9.9 7.4 11.0
70 6.5 5.5 8.3

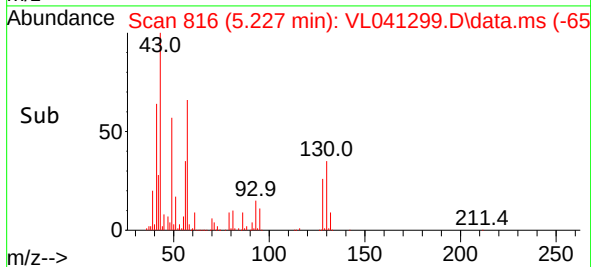
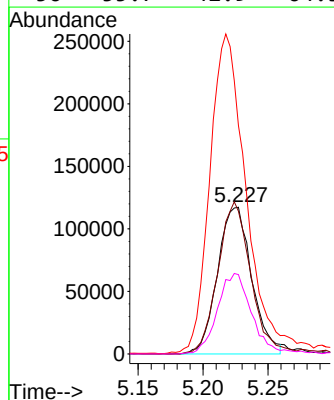
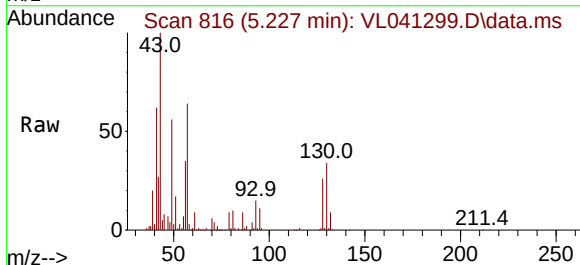
Manual Integrations
APPROVED

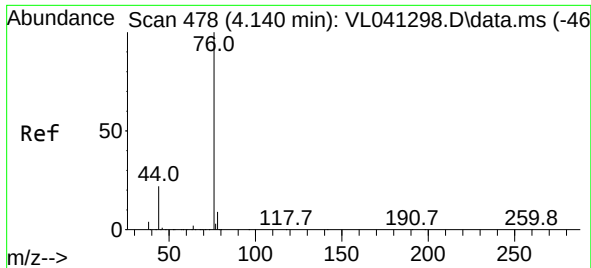
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#26
Hexane
Concen: 2.064 ppbv
RT: 5.227 min Scan# 816
Delta R.T. 0.006 min
Lab File: VL041299.D
Acq: 4 Jun 2024 9:52

Tgt Ion: 57 Resp: 214645
Ion Ratio Lower Upper
57 100
41 101.5 77.1 115.7
43 239.4 186.1 279.1
56 55.7 42.9 64.3





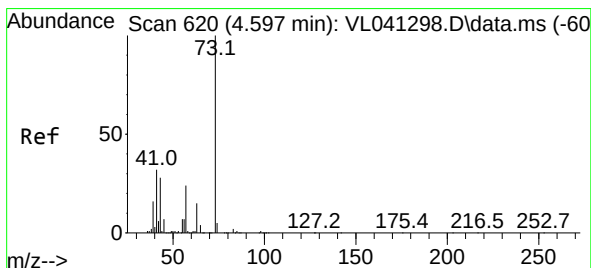
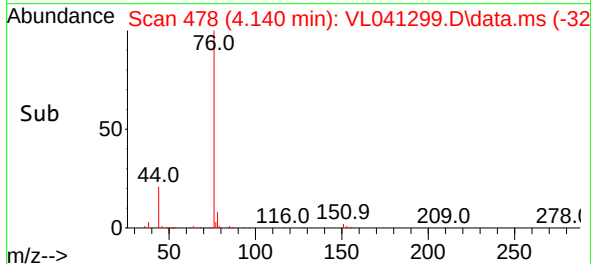
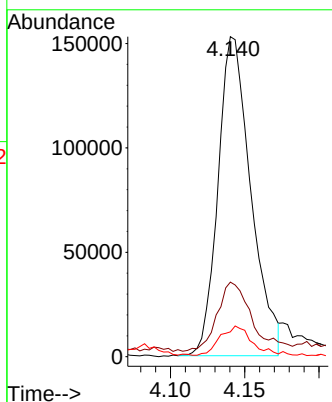
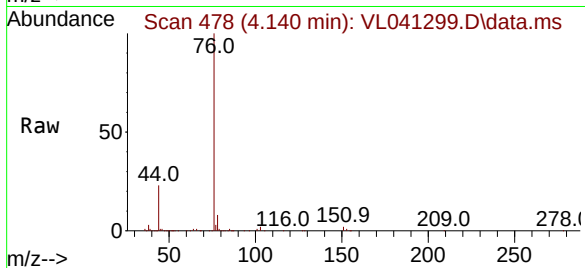
#27
Carbon Disulfide
Concen: 1.913 ppbv
RT: 4.140 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL041299.D
Acq: 4 Jun 2024 9:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 76 Resp: 235420
Ion Ratio Lower Upper
76 100
44 27.4 17.7 26.5
78 10.5 7.8 11.6

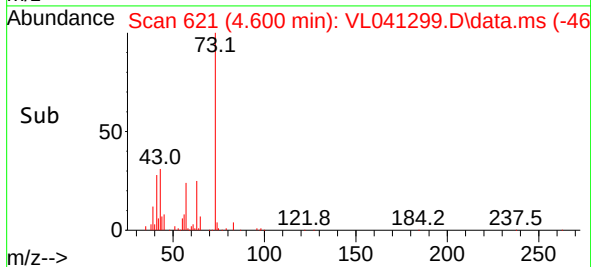
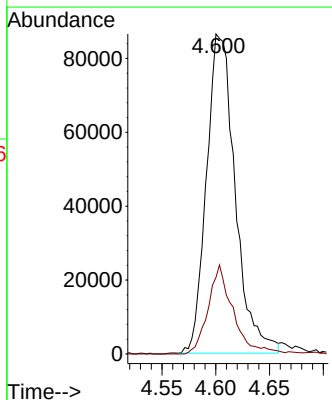
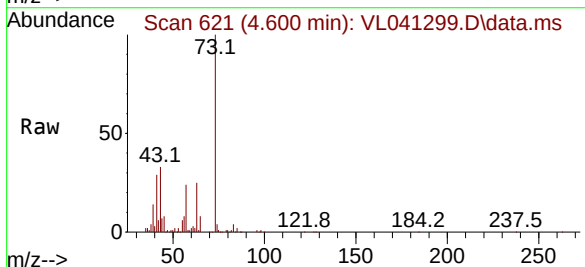
Manual Integrations
APPROVED

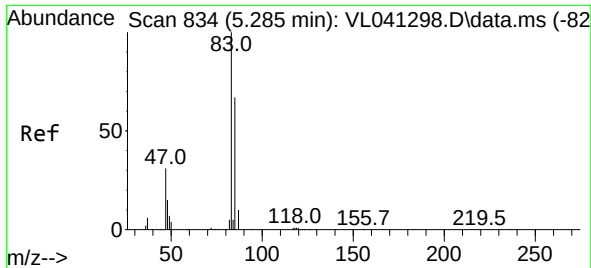
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#28
Methyl tert-Butyl Ether
Concen: 1.941 ppbv
RT: 4.600 min Scan# 621
Delta R.T. 0.003 min
Lab File: VL041299.D
Acq: 4 Jun 2024 9:52

Tgt Ion: 73 Resp: 160648
Ion Ratio Lower Upper
73 100
57 24.6 19.2 28.8





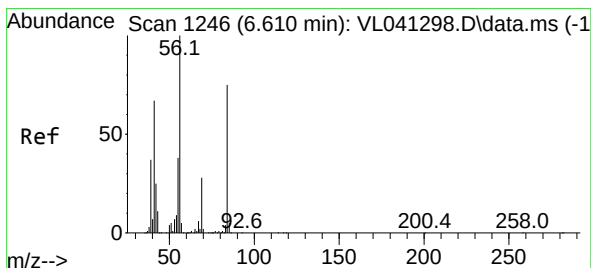
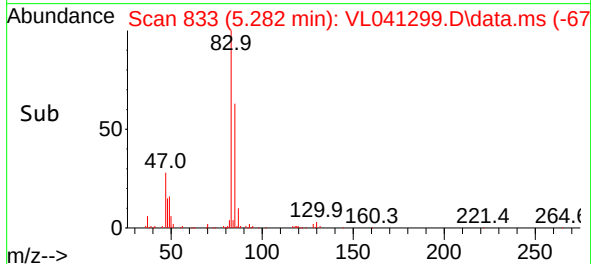
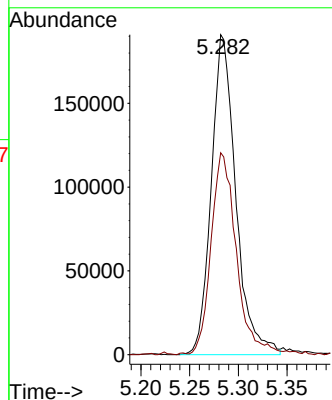
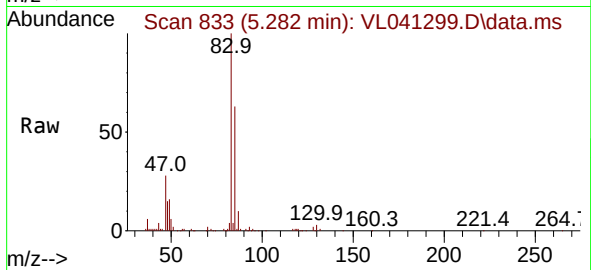
#29
Chloroform
Concen: 2.329 ppbv
RT: 5.282 min Scan# 834
Delta R.T. -0.003 min
Lab File: VL041299.D
Acq: 4 Jun 2024 9:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 83 Resp: 334008
Ion Ratio Lower Upper
83 100
85 62.7 53.3 79.9

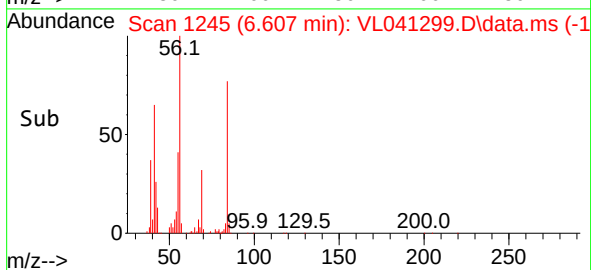
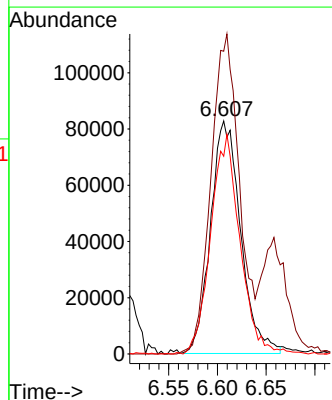
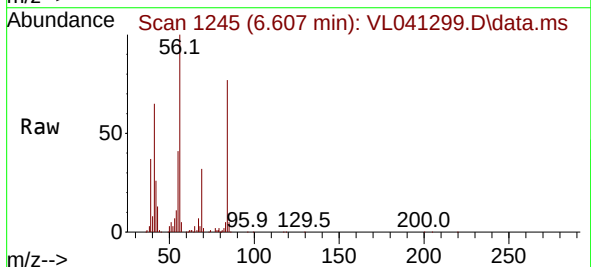
Manual Integrations
APPROVED

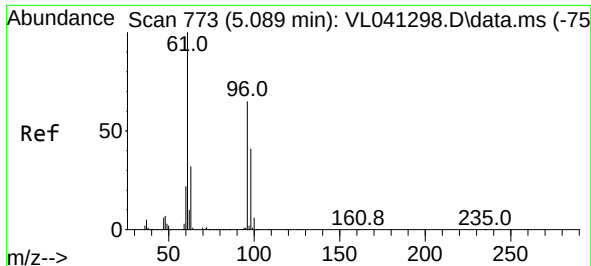
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#30
Cyclohexane
Concen: 2.164 ppbv
RT: 6.607 min Scan# 1245
Delta R.T. -0.003 min
Lab File: VL041299.D
Acq: 4 Jun 2024 9:52

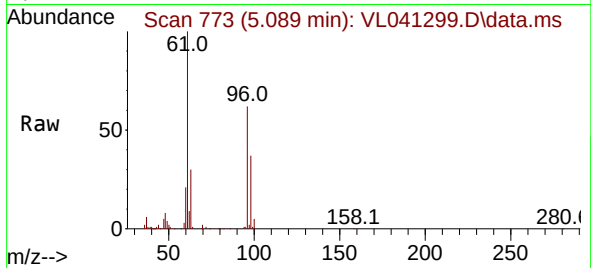
Tgt Ion: 84 Resp: 178097
Ion Ratio Lower Upper
84 100
56 135.0 114.9 172.3
41 91.4 74.4 111.6





#31
 cis-1,2-Dichloroethene
 Concen: 2.057 ppbv
 RT: 5.089 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VL041299.D
 Acq: 4 Jun 2024 9:52

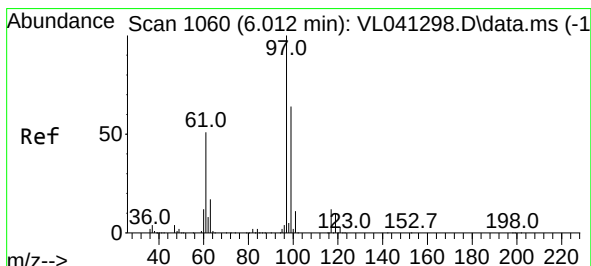
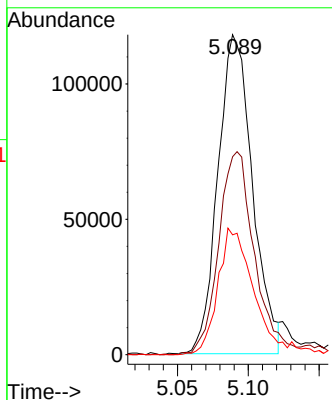
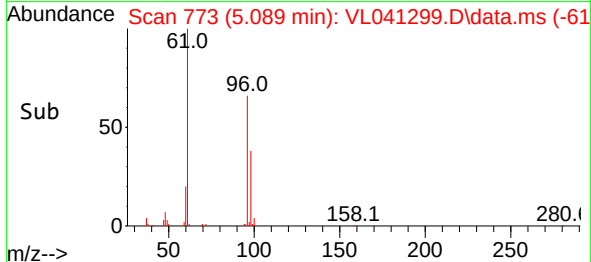
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC002



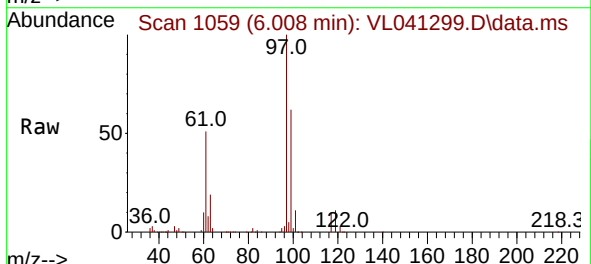
Tgt Ion: 61 Resp: 200170
 Ion Ratio Lower Upper
 61 100
 96 61.9 52.1 78.1
 98 37.6 33.1 49.7

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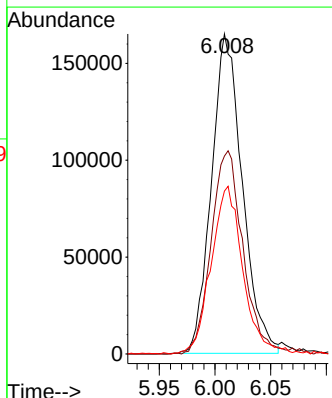
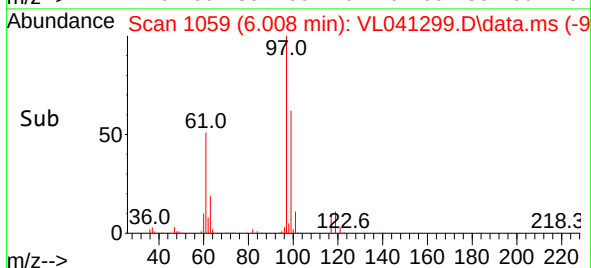
Reviewed By :Semsettin Yesilyurt 06/05/2024
 Supervised By :Mahesh Dadoda 06/05/2024

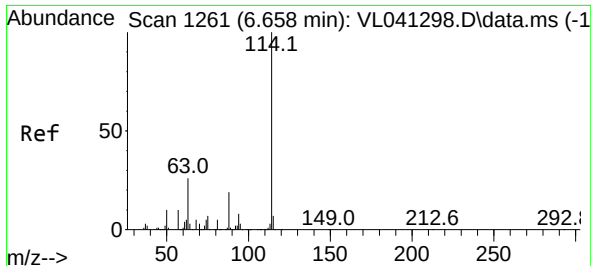


#32
 1,1,1-Trichloroethane
 Concen: 2.218 ppbv
 RT: 6.008 min Scan# 1059
 Delta R.T. -0.003 min
 Lab File: VL041299.D
 Acq: 4 Jun 2024 9:52



Tgt Ion: 97 Resp: 317486
 Ion Ratio Lower Upper
 97 100
 99 66.7 51.9 77.9
 61 54.4 42.9 64.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.661 min Scan# 1

Delta R.T. 0.003 min

Lab File: VL041299.D

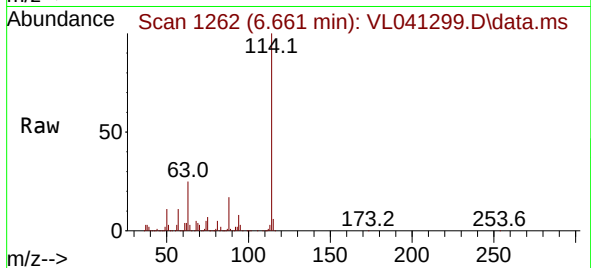
Acq: 4 Jun 2024 9:52

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002



Tgt Ion:114 Resp: 264617

Ion Ratio Lower Upper

114 100

63 25.5 20.6 30.8

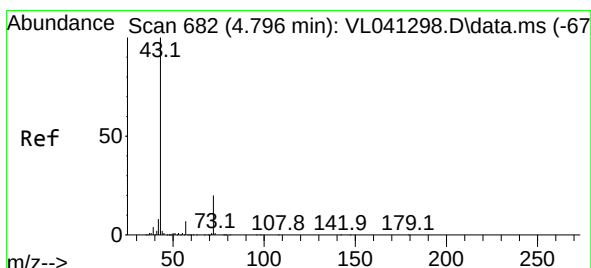
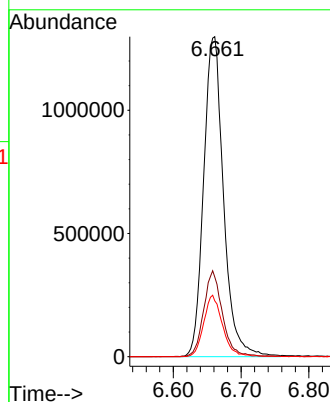
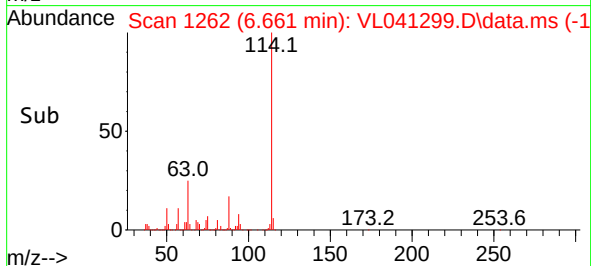
88 18.3 14.5 21.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/05/2024

Supervised By :Mahesh Dadoda 06/05/2024



#34

2-Butanone

Concen: 2.021 ppbv

RT: 4.800 min Scan# 683

Delta R.T. 0.003 min

Lab File: VL041299.D

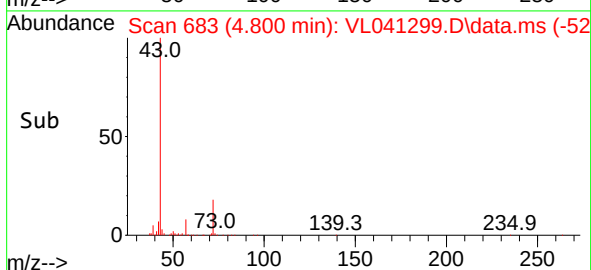
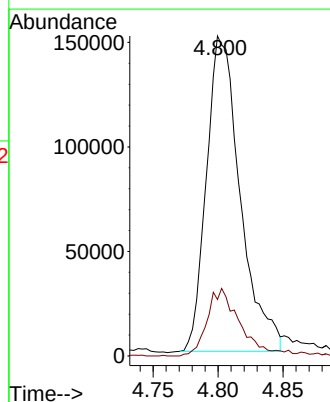
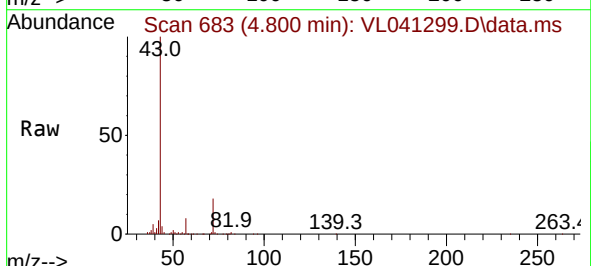
Acq: 4 Jun 2024 9:52

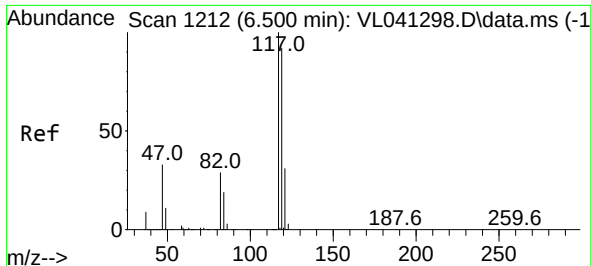
Tgt Ion: 43 Resp: 272260

Ion Ratio Lower Upper

43 100

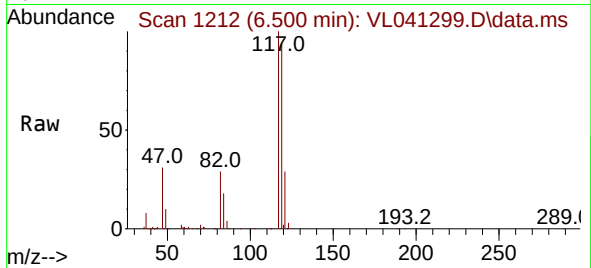
72 21.8 17.4 26.0





#35
Carbon Tetrachloride
Concen: 2.228 ppbv
RT: 6.500 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VL041299.D
Acq: 4 Jun 2024 9:52

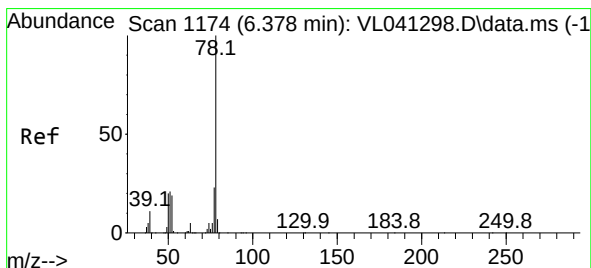
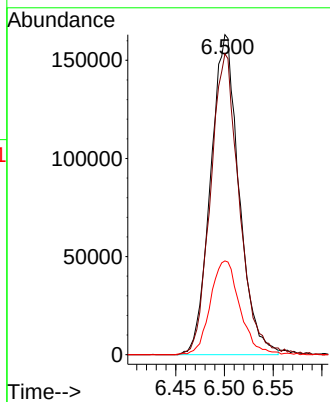
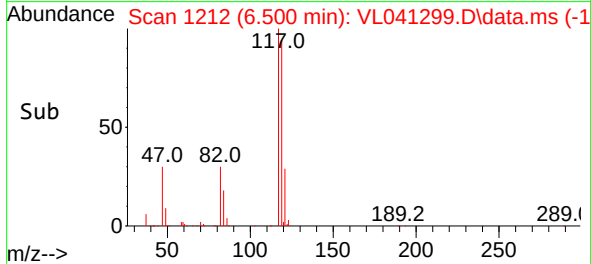
Instrument : MSVOA_L
ClientSampleId : VSTDIC002



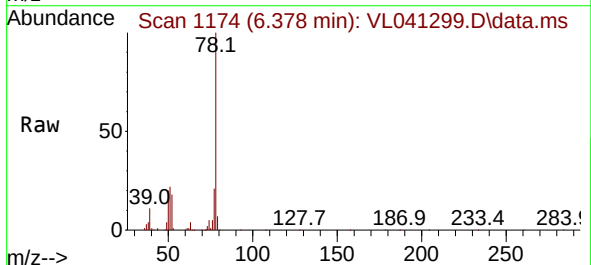
Tgt Ion: 117 Resp: 330834
Ion Ratio Lower Upper
117 100
119 94.0 74.0 111.0
121 29.1 24.8 37.2

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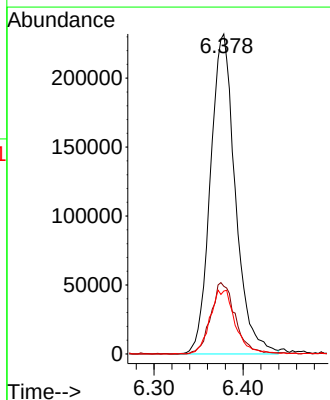
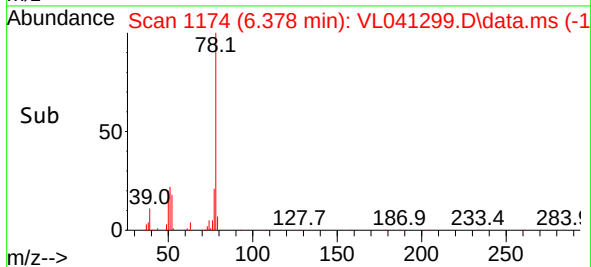
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024

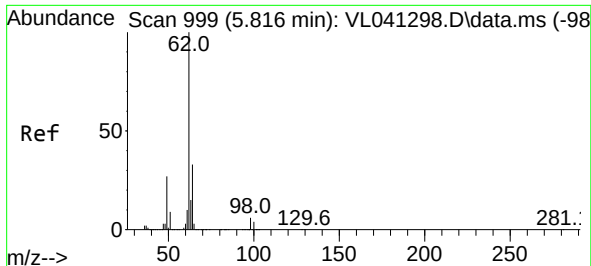


#36
Benzene
Concen: 2.032 ppbv
RT: 6.378 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VL041299.D
Acq: 4 Jun 2024 9:52



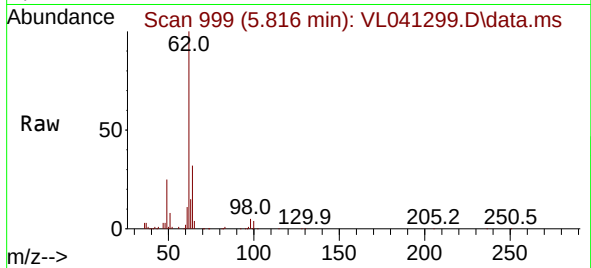
Tgt Ion: 78 Resp: 451133
Ion Ratio Lower Upper
78 100
77 21.1 18.6 28.0
50 19.6 16.0 24.0





#37
1,2-Dichloroethane
Concen: 2.223 ppbv
RT: 5.816 min Scan# 999
Delta R.T. 0.000 min
Lab File: VL041299.D
Acq: 4 Jun 2024 9:52

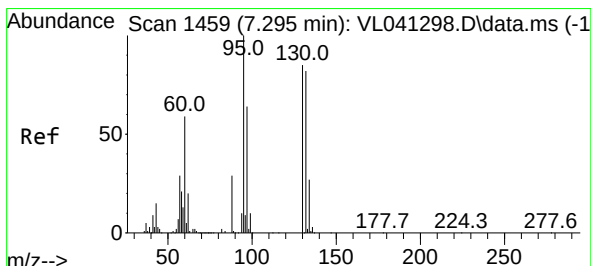
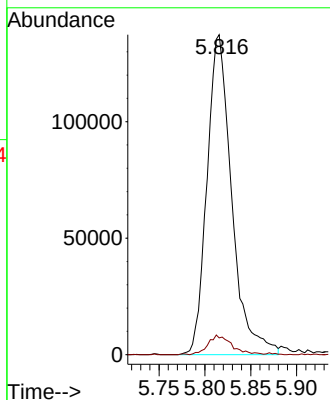
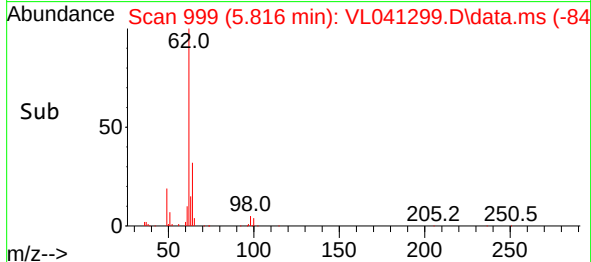
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



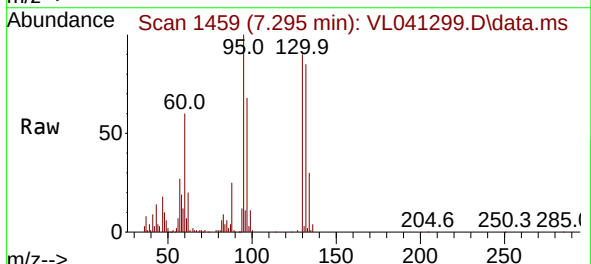
Tgt Ion: 62 Resp: 25754
Ion Ratio Lower Upper
62 100
98 6.1 4.8 7.2

Manual Integrations
APPROVED

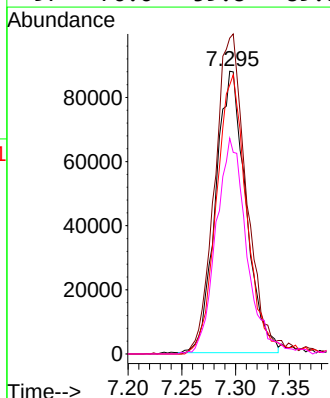
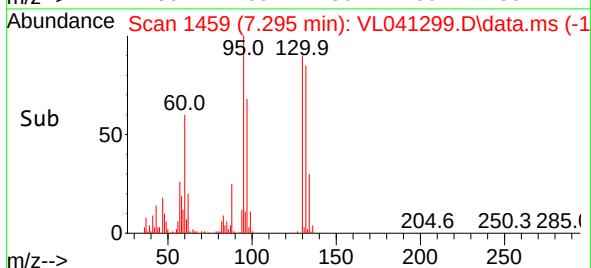
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024

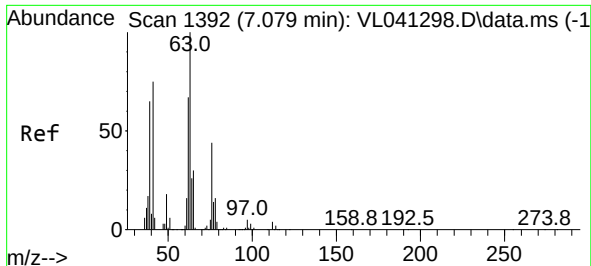


#38
Trichloroethene
Concen: 2.078 ppbv
RT: 7.295 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VL041299.D
Acq: 4 Jun 2024 9:52



Tgt Ion:130 Resp: 171958
Ion Ratio Lower Upper
130 100
95 112.0 94.0 141.0
132 95.5 76.7 115.1
97 76.6 59.8 89.8





#39

1,2-Dichloropropane

Concen: 2.045 ppbv m

RT: 7.076 min Scan# 1

Delta R.T. -0.003 min

Lab File: VL041299.D

Acq: 4 Jun 2024 9:52

Instrument :

MSVOA_L

ClientSampleId :

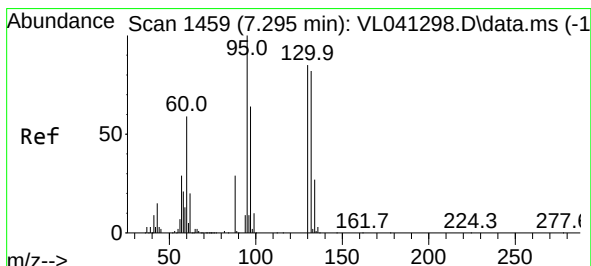
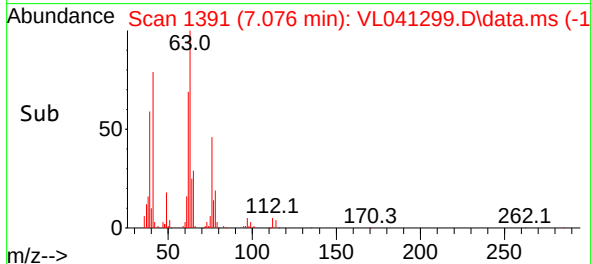
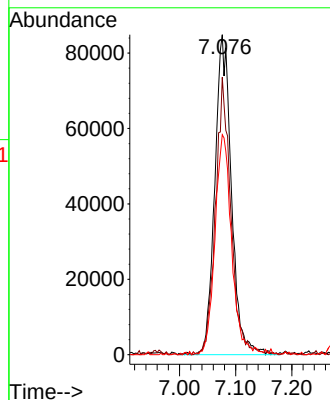
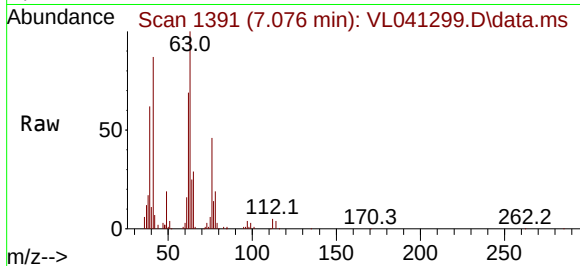
VSTDICC002

Tgt Ion: 63	Resp: 17499
Ion Ratio	Lower Upper
63 100	
41 86.7	59.9 89.9
62 68.7	53.8 80.6

Manual Integrations

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



#40

1,4-Dioxane

Concen: 2.259 ppbv m

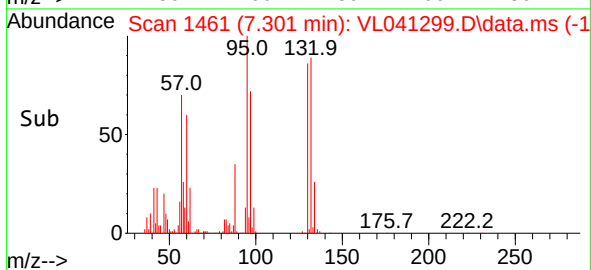
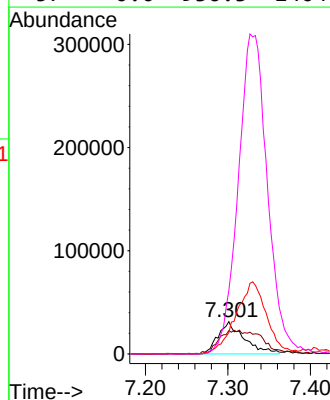
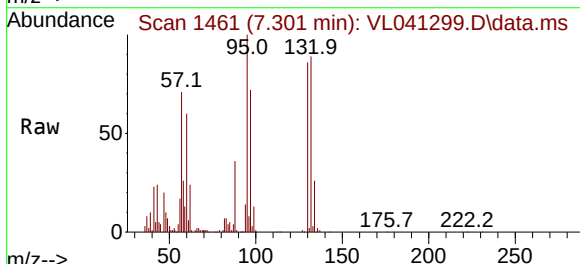
RT: 7.301 min Scan# 1461

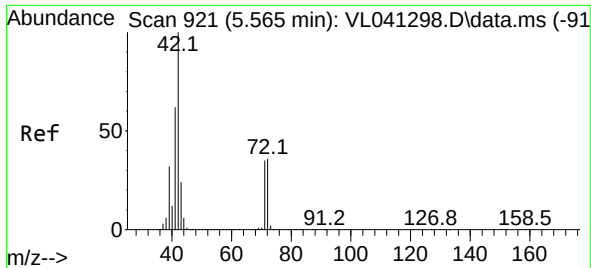
Delta R.T. 0.006 min

Lab File: VL041299.D

Acq: 4 Jun 2024 9:52

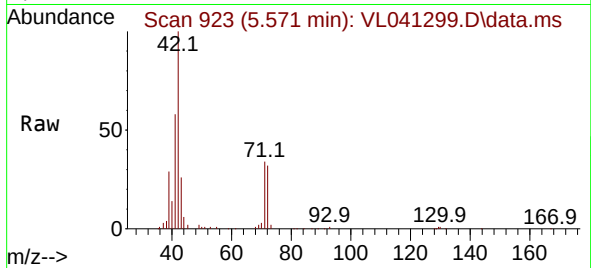
Tgt Ion: 88	Resp: 69071
Ion Ratio	Lower Upper
88 100	
58 0.0	107.5 161.3#
43 0.0	221.8 332.6#
57 0.0	936.3 1404.5#





#41
Tetrahydrofuran
Concen: 1.845 ppbv
RT: 5.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VL041299.D
Acq: 4 Jun 2024 9:52

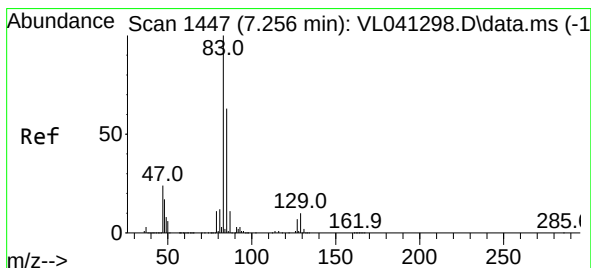
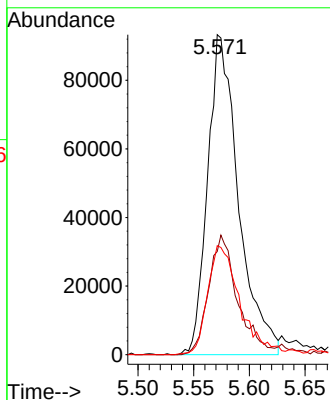
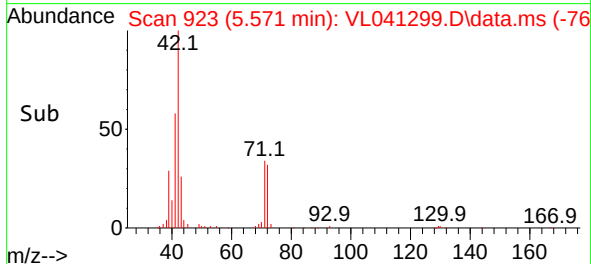
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



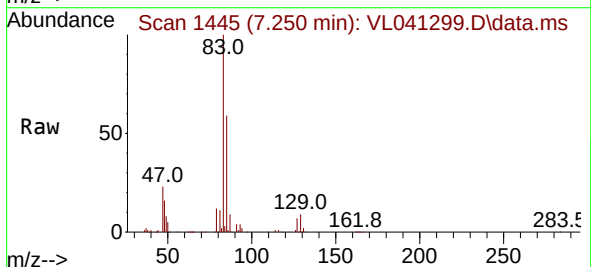
Tgt Ion: 42 Resp: 17985
Ion Ratio Lower Upper
42 100
72 36.9 30.2 45.4
71 37.4 30.3 45.5

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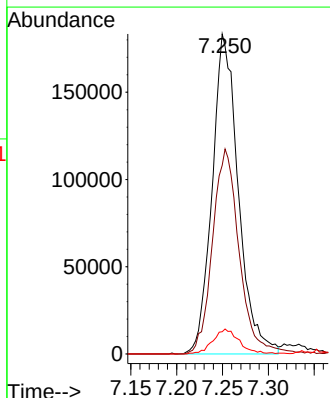
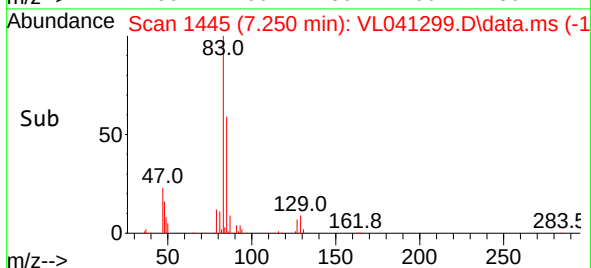
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024

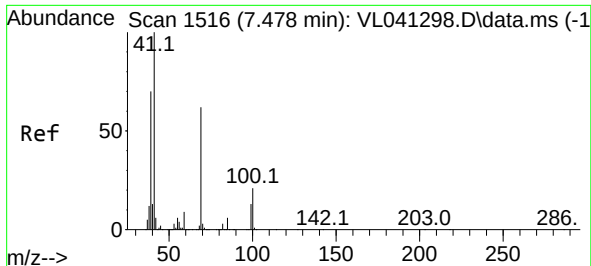


#42
Bromodichloromethane
Concen: 2.192 ppbv
RT: 7.250 min Scan# 1445
Delta R.T. -0.006 min
Lab File: VL041299.D
Acq: 4 Jun 2024 9:52



Tgt Ion: 83 Resp: 364191
Ion Ratio Lower Upper
83 100
85 59.0 50.6 75.8
127 7.0 5.6 8.4





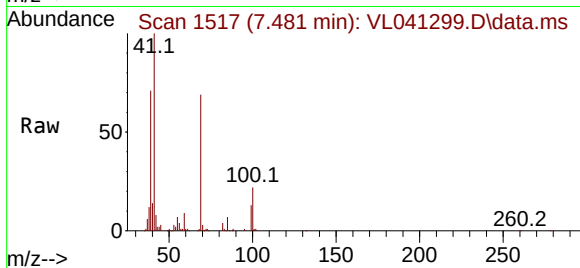
#43
Methyl Methacrylate
Concen: 1.890 ppbv
RT: 7.481 min Scan# 1469
Delta R.T. 0.003 min
Lab File: VL041299.D
Acq: 4 Jun 2024 9:52

Instrument :

MSVOA_L

ClientSampleId :

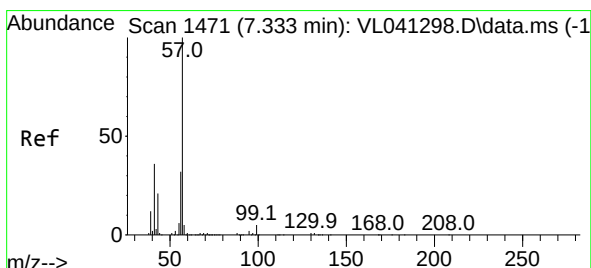
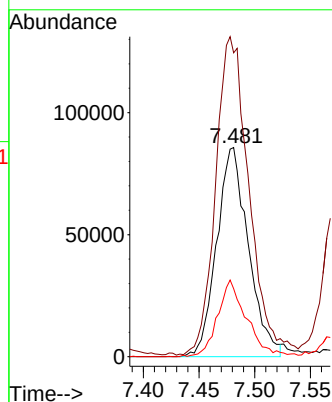
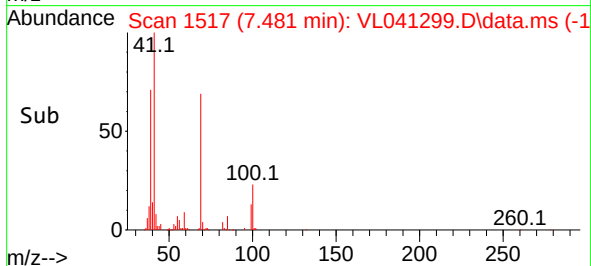
VSTDICC002



Tgt Ion: 69 Resp: 16974
Ion Ratio Lower Upper
69 100
41 162.7 125.8 188.6
100 33.7 27.0 40.6

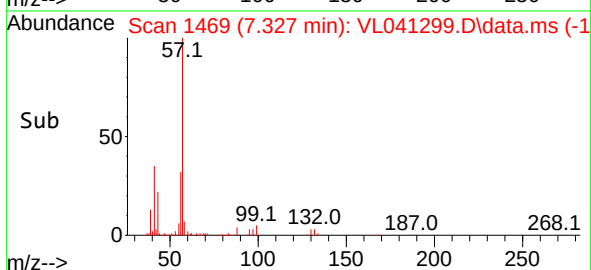
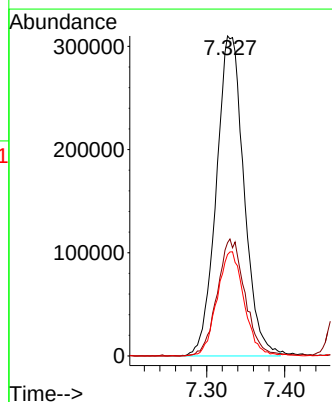
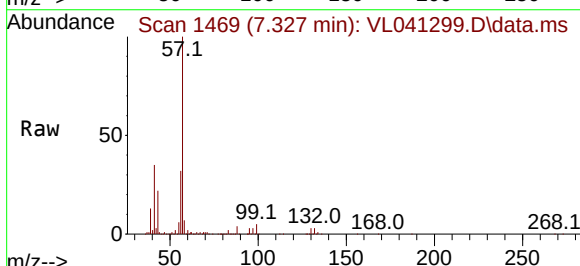
Manual Integrations
APPROVED

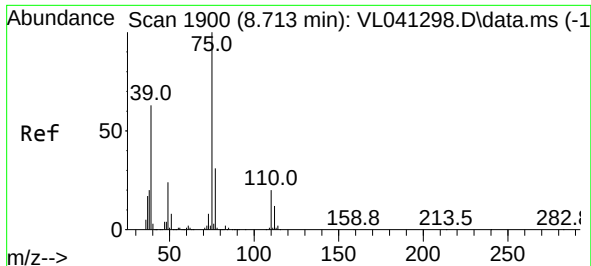
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#44
2,2,4-Trimethylpentane
Concen: 1.998 ppbv
RT: 7.327 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VL041299.D
Acq: 4 Jun 2024 9:52

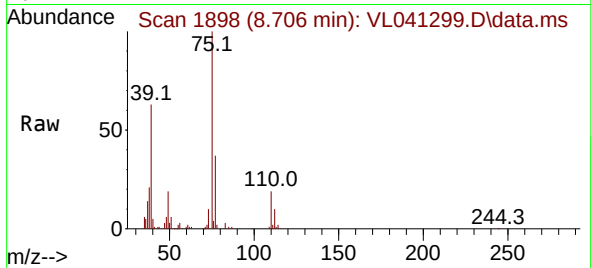
Tgt Ion: 57 Resp: 765169
Ion Ratio Lower Upper
57 100
41 36.6 29.4 44.2
56 32.0 25.0 37.4





#45
t-1,3-Dichloropropene
Concen: 1.747 ppbv m
RT: 8.706 min Scan# 11
Delta R.T. -0.006 min
Lab File: VL041299.D
Acq: 4 Jun 2024 9:52

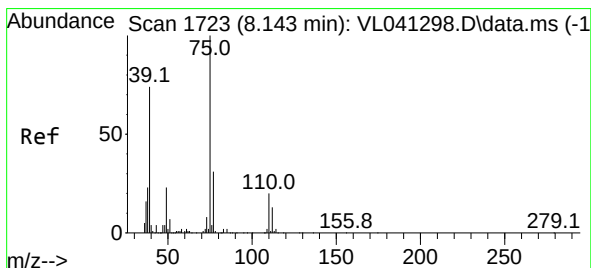
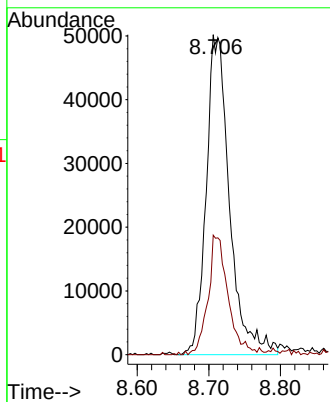
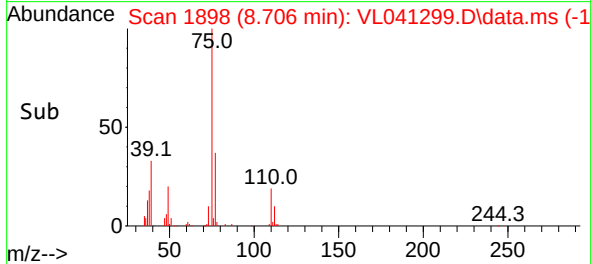
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



Tgt Ion: 75 Resp: 113720
Ion Ratio Lower Upper
75 100
77 37.4 24.7 37.1

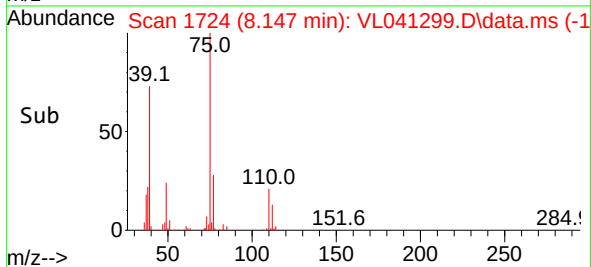
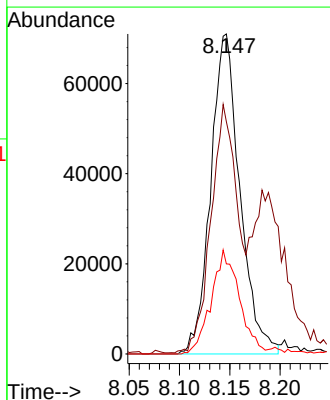
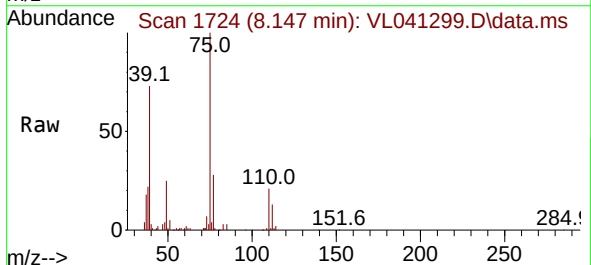
Manual Integrations
APPROVED

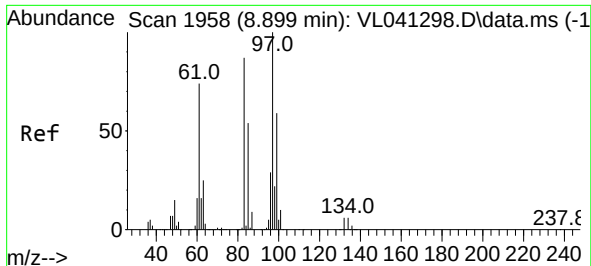
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#46
cis-1,3-Dichloropropene
Concen: 1.799 ppbv
RT: 8.147 min Scan# 1724
Delta R.T. 0.003 min
Lab File: VL041299.D
Acq: 4 Jun 2024 9:52

Tgt Ion: 75 Resp: 143330
Ion Ratio Lower Upper
75 100
39 71.7 59.2 88.8
77 28.1 25.0 37.6





#47

1,1,2-Trichloroethane

Concen: 2.134 ppbv

RT: 8.896 min Scan# 1957

Delta R.T. -0.003 min

Lab File: VL041299.D

Acq: 4 Jun 2024 9:52

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion: 97 Resp: 182770

Ion Ratio Lower Upper

97 100

83 84.4 69.7 104.5

85 56.5 43.1 64.7

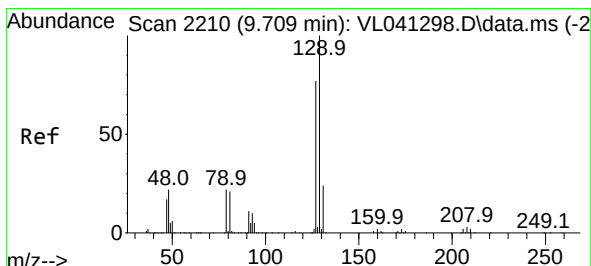
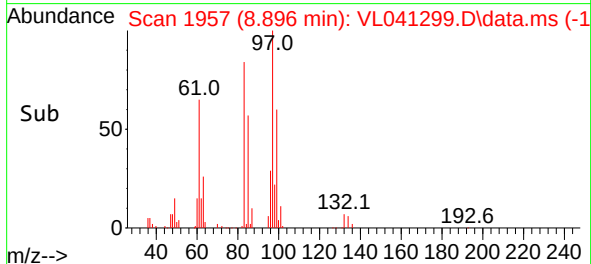
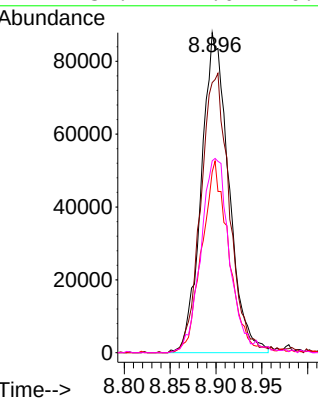
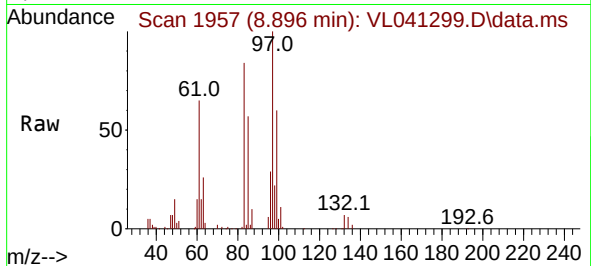
99 59.9 47.0 70.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/05/2024

Supervised By :Mahesh Dadoda 06/05/2024



#48

Dibromochloromethane

Concen: 2.209 ppbv

RT: 9.709 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VL041299.D

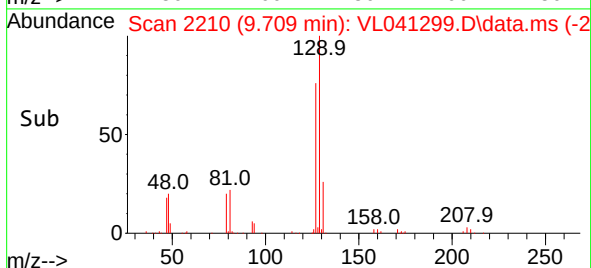
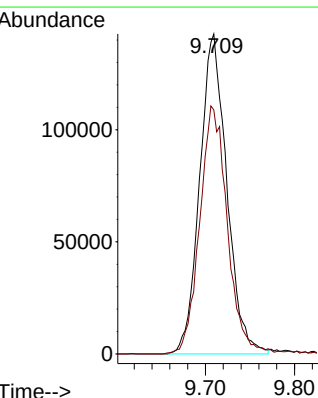
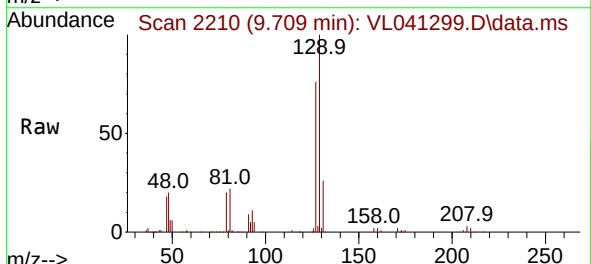
Acq: 4 Jun 2024 9:52

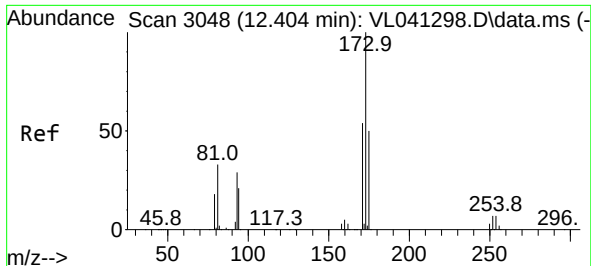
Tgt Ion:129 Resp: 301441

Ion Ratio Lower Upper

129 100

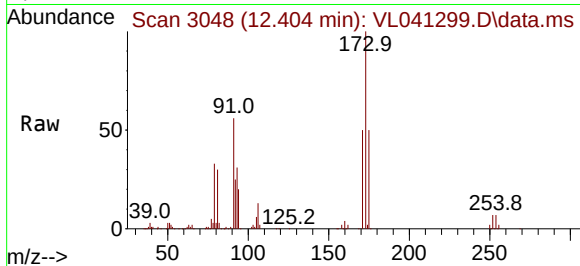
127 79.9 39.1 117.5





#49
Bromoform
Concen: 2.141 ppbv
RT: 12.404 min Scan# 3048
Delta R.T. -0.000 min
Lab File: VL041299.D
Acq: 4 Jun 2024 9:52

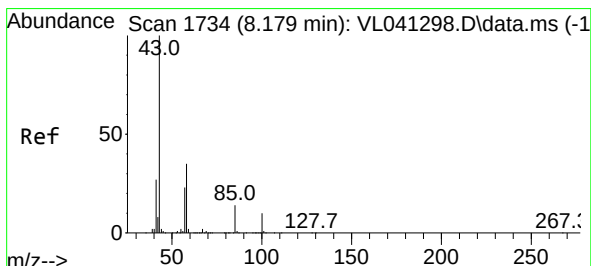
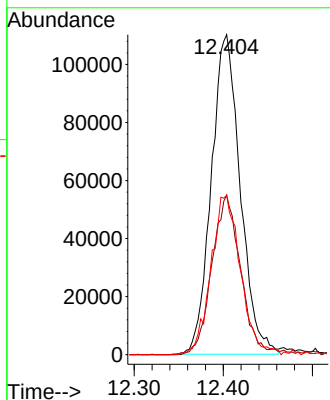
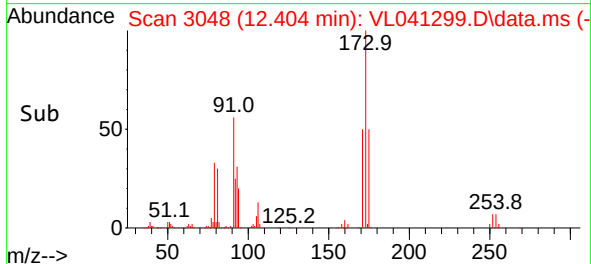
Instrument : MSVOA_L
ClientSampleId : VSTDIC002



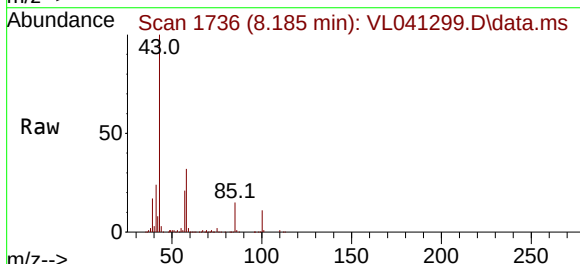
Tgt Ion: 173 Resp: 248528
Ion Ratio Lower Upper
173 100
175 50.0 39.9 59.9
171 51.2 42.6 63.8

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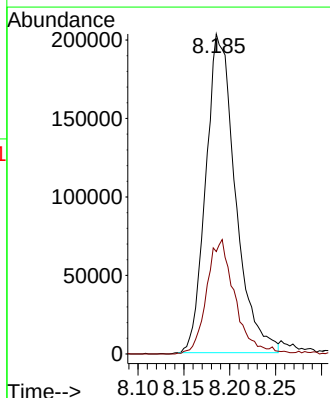
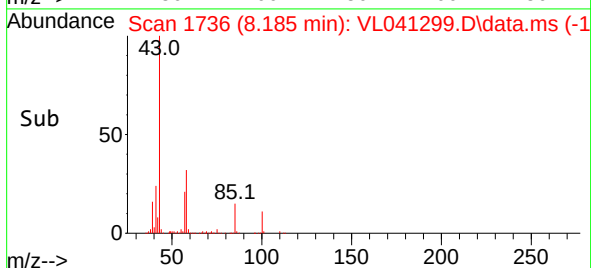
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024

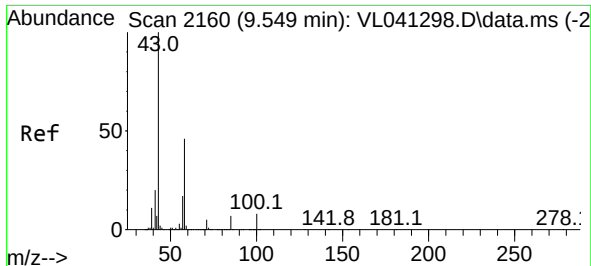


#50
4-Methyl-2-Pentanone
Concen: 1.883 ppbv
RT: 8.185 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VL041299.D
Acq: 4 Jun 2024 9:52



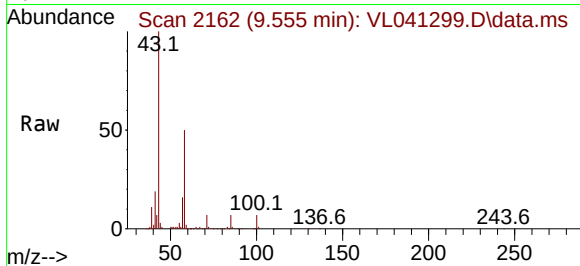
Tgt Ion: 43 Resp: 455025
Ion Ratio Lower Upper
43 100
58 34.4 27.7 41.5





#51
2-Hexanone
Concen: 1.781 ppbv
RT: 9.555 min Scan# 2160
Delta R.T. 0.006 min
Lab File: VL041299.D
Acq: 4 Jun 2024 9:52

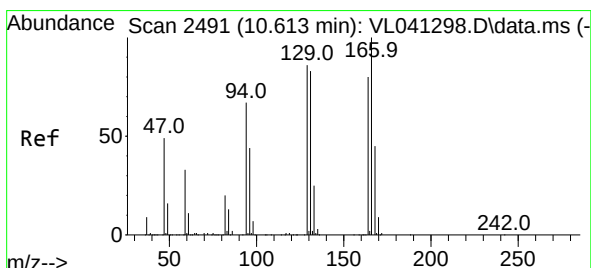
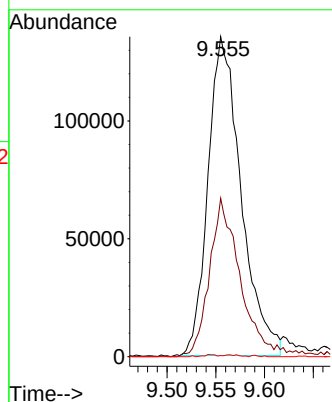
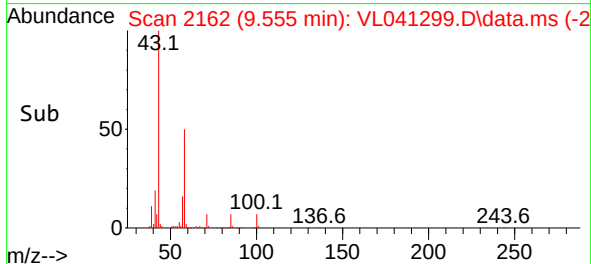
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



Tgt Ion: 43 Resp: 319389
Ion Ratio Lower Upper
43 100
58 47.1 37.4 56.0
98 0.6 0.2 0.4

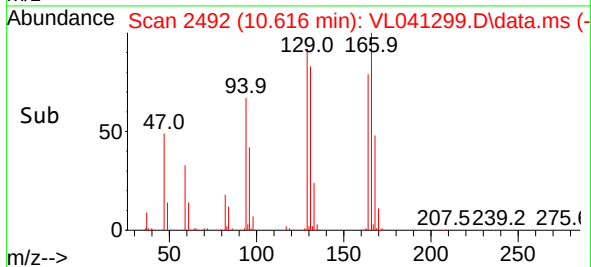
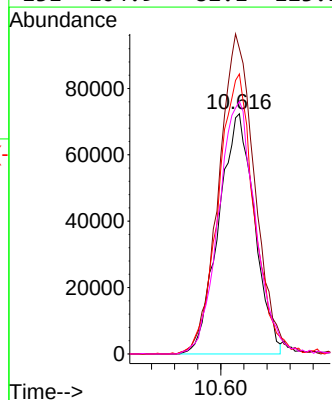
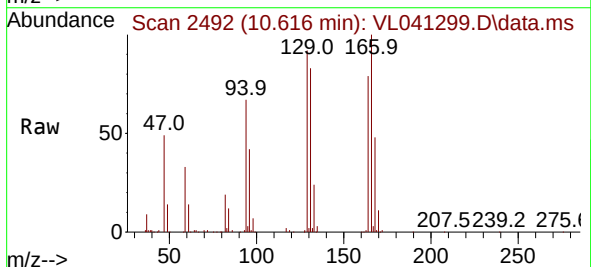
Manual Integrations
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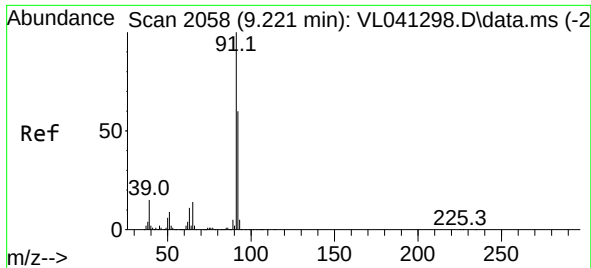
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#52
Tetrachloroethene
Concen: 1.999 ppbv
RT: 10.616 min Scan# 2492
Delta R.T. 0.003 min
Lab File: VL041299.D
Acq: 4 Jun 2024 9:52

Tgt Ion:164 Resp: 156010
Ion Ratio Lower Upper
164 100
166 126.5 99.4 149.0
129 116.0 85.4 128.2
131 104.9 82.1 123.1





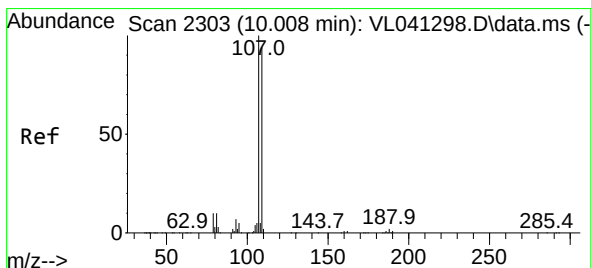
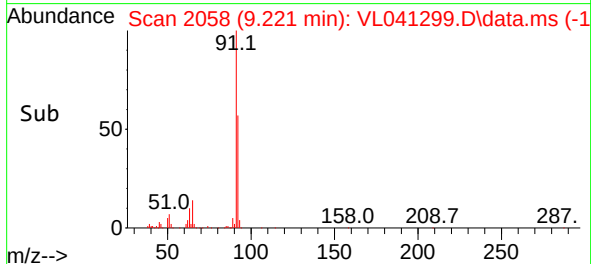
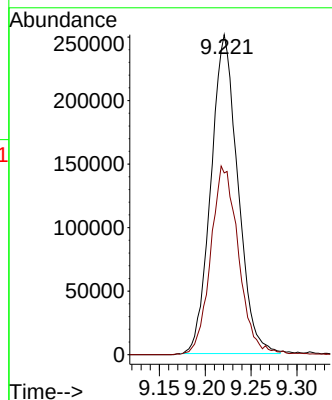
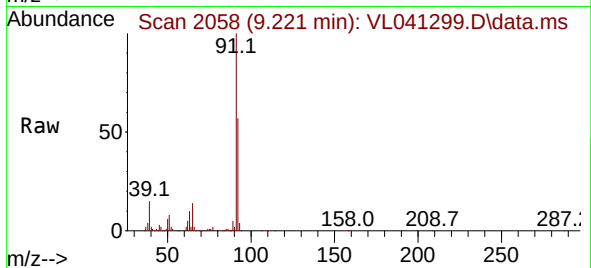
#53
Toluene
Concen: 1.991 ppbv
RT: 9.221 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VL041299.D
Acq: 4 Jun 2024 9:52

Instrument : MSVOA_L
ClientSampleId : VSTDIC002

Tgt Ion: 91 Resp: 512720
Ion Ratio Lower Upper
91 100
92 61.6 49.2 73.8

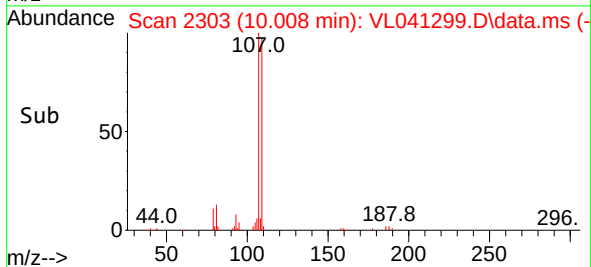
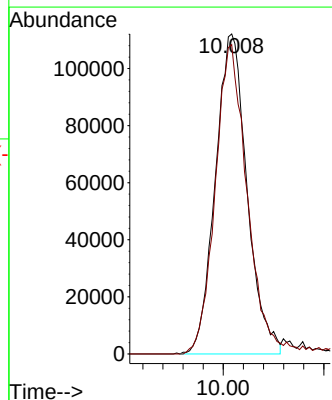
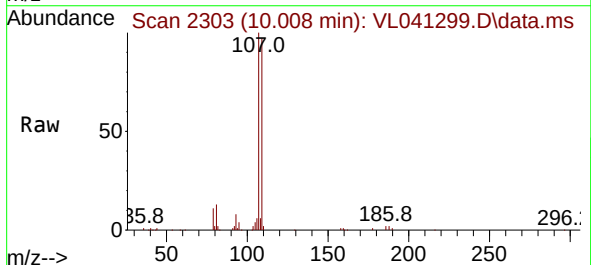
Manual Integrations
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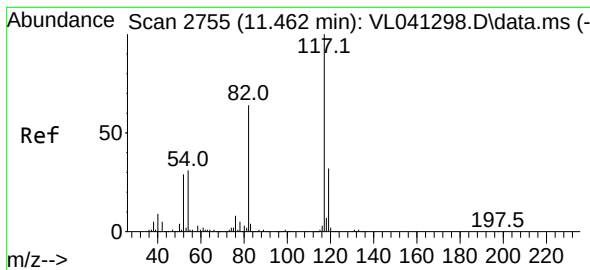
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#54
1,2-Dibromoethane
Concen: 2.115 ppbv
RT: 10.008 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VL041299.D
Acq: 4 Jun 2024 9:52

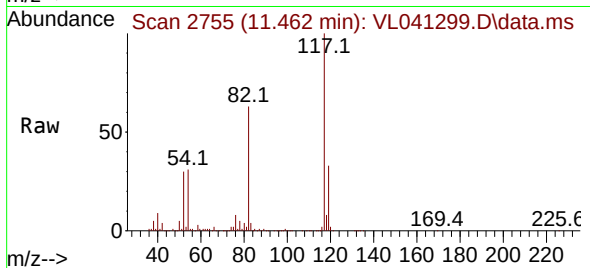
Tgt Ion:107 Resp: 245326
Ion Ratio Lower Upper
107 100
109 96.6 75.0 112.6





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.462 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL041299.D
Acq: 4 Jun 2024 9:52

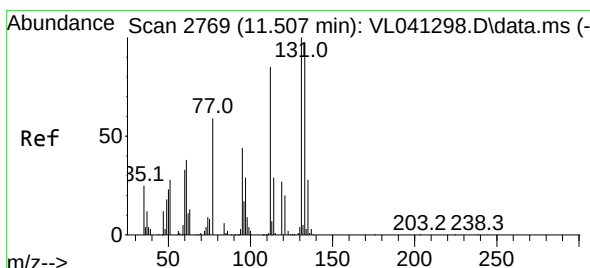
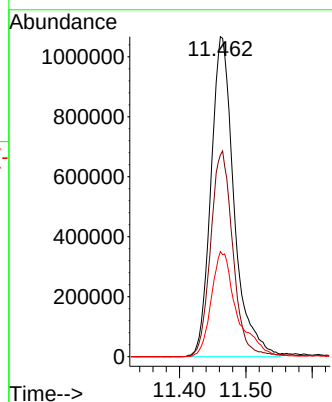
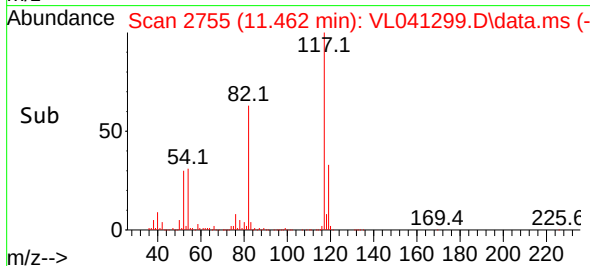
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



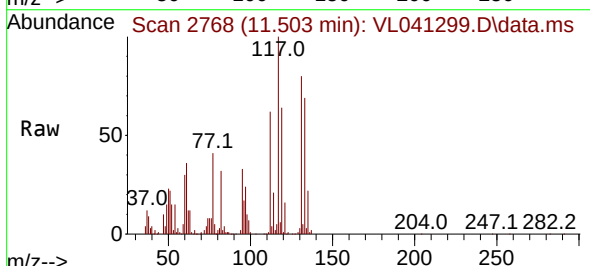
Tgt Ion:117 Resp: 258986
Ion Ratio Lower Upper
117 100
82 62.8 52.3 78.5
119 36.7 26.2 39.2

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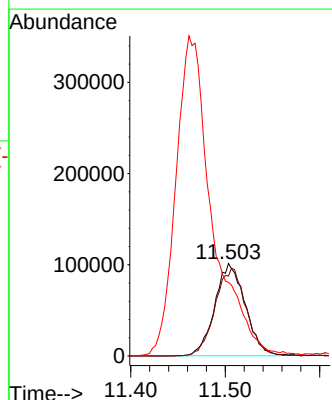
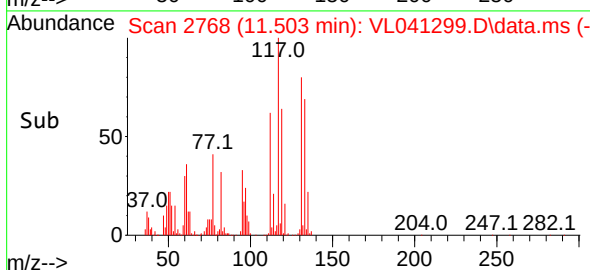
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024

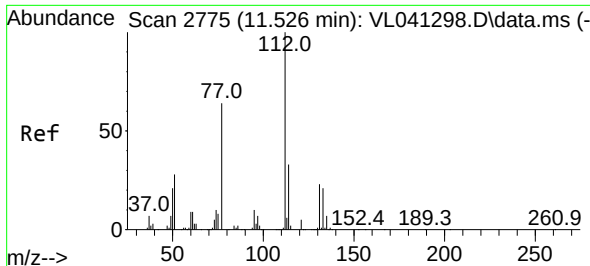


#56
1,1,1,2-Tetrachloroethane
Concen: 2.151 ppbv
RT: 11.503 min Scan# 2768
Delta R.T. -0.003 min
Lab File: VL041299.D
Acq: 4 Jun 2024 9:52



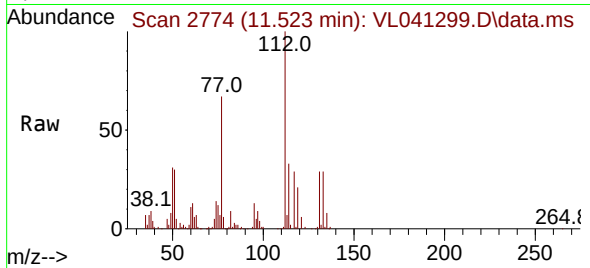
Tgt Ion:131 Resp: 225920
Ion Ratio Lower Upper
131 100
133 97.3 75.8 113.6
119 420.7 48.3 72.5#





#57
Chlorobenzene
Concen: 2.119 ppbv
RT: 11.523 min Scan# 211
Delta R.T. -0.003 min
Lab File: VL041299.D
Acq: 4 Jun 2024 9:52

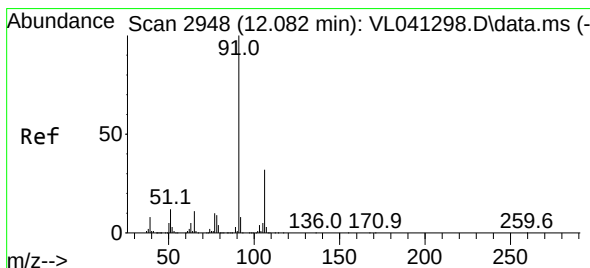
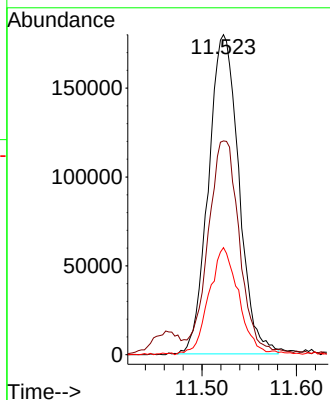
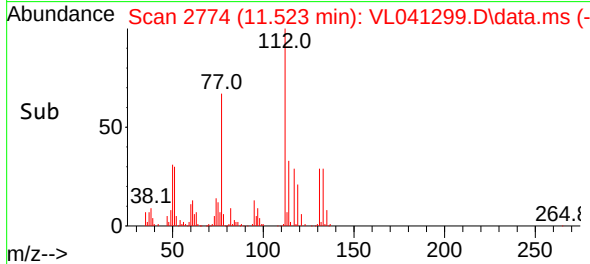
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



Tgt Ion: 112 Resp: 40191
Ion Ratio Lower Upper
112 100
77 65.4 52.0 78.0
114 33.0 29.8 36.4

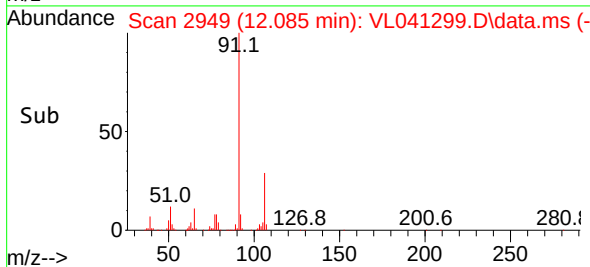
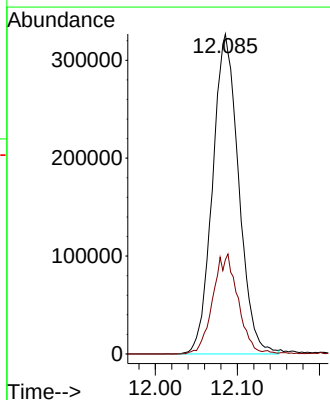
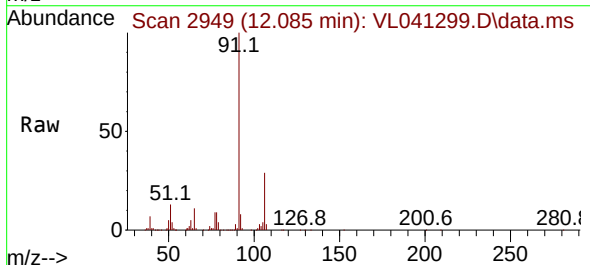
Manual Integrations
APPROVED

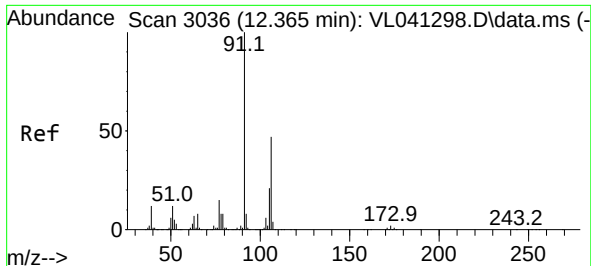
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#58
Ethyl Benzene
Concen: 2.040 ppbv
RT: 12.085 min Scan# 2949
Delta R.T. 0.003 min
Lab File: VL041299.D
Acq: 4 Jun 2024 9:52

Tgt Ion: 91 Resp: 724448
Ion Ratio Lower Upper
91 100
106 29.4 25.5 38.3





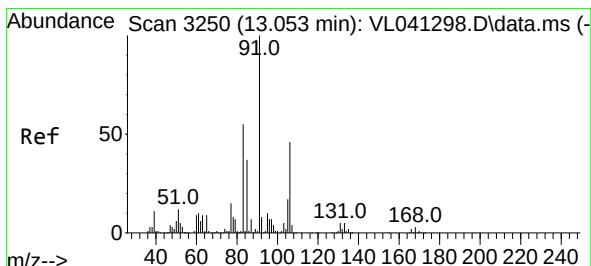
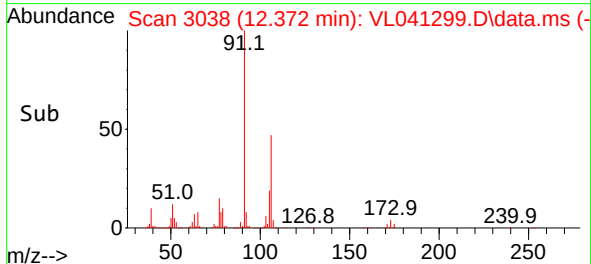
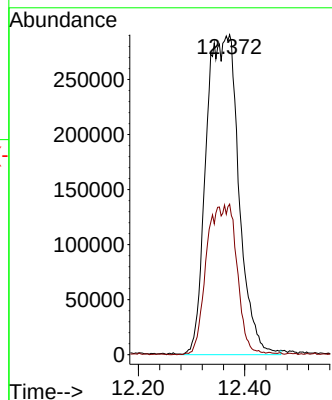
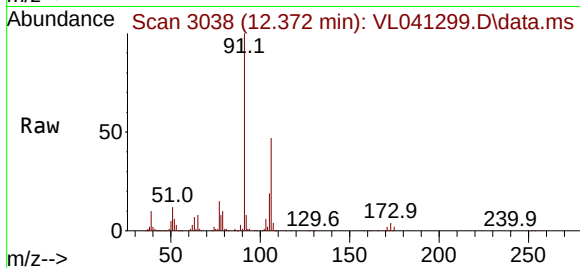
#59
m/p-Xylene
Concen: 4.127 ppbv m
RT: 12.372 min Scan# 3036
Delta R.T. 0.006 min
Lab File: VL041299.D
Acq: 4 Jun 2024 9:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 91 Resp: 123191
Ion Ratio Lower Upper
91 100
106 0.0 35.7 53.5

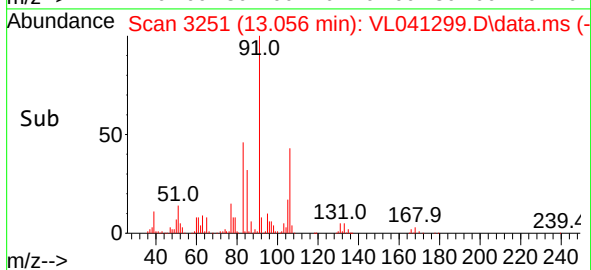
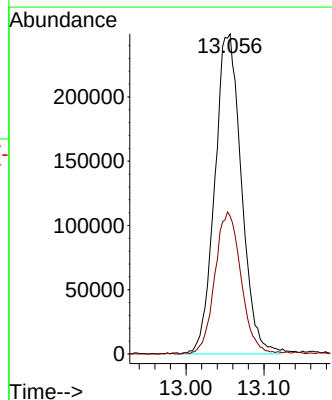
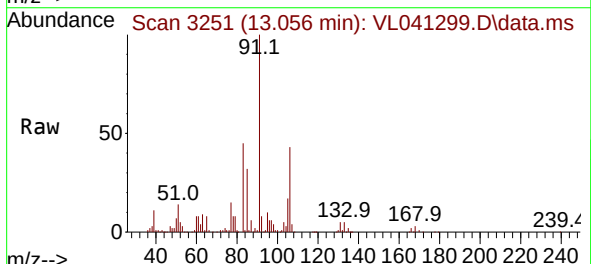
Manual Integrations
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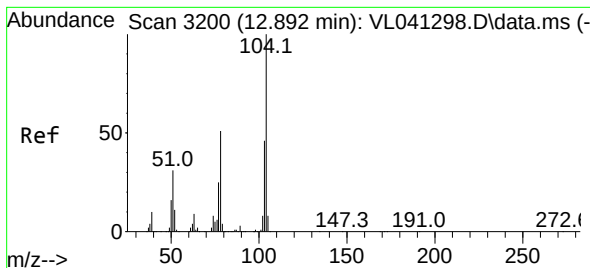
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#60
o-Xylene
Concen: 2.112 ppbv
RT: 13.056 min Scan# 3251
Delta R.T. 0.003 min
Lab File: VL041299.D
Acq: 4 Jun 2024 9:52

Tgt Ion: 91 Resp: 590989
Ion Ratio Lower Upper
91 100
106 44.2 22.8 68.4





#61

Styrene

Concen: 1.941 ppbv m

RT: 12.896 min Scan# 31

Delta R.T. 0.003 min

Lab File: VL041299.D

Acq: 4 Jun 2024 9:52

Instrument :

MSVOA_L

ClientSampleId :

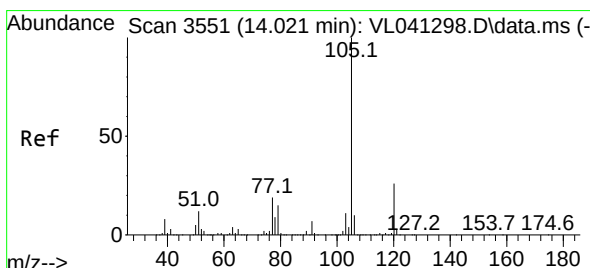
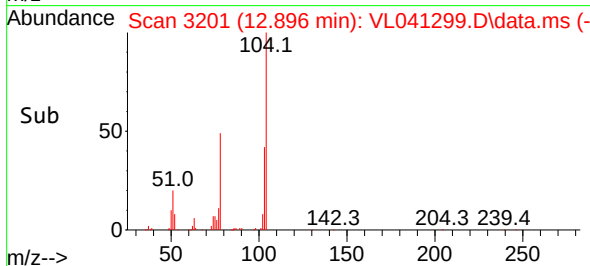
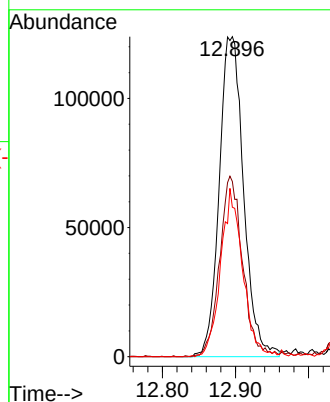
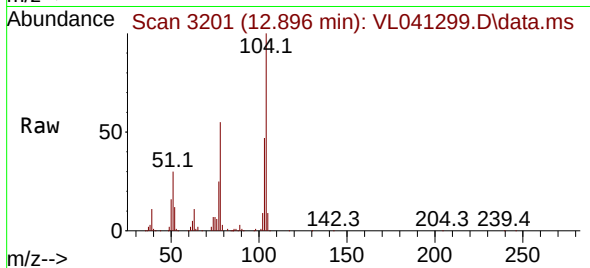
VSTDIC002

Tgt Ion:104	Resp: 28693
Ion Ratio	Lower Upper
104 100	
78 53.8	42.2 63.4
103 47.8	37.9 56.9

Manual Integrations

APPROVED

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



#62

Isopropylbenzene

Concen: 2.147 ppbv

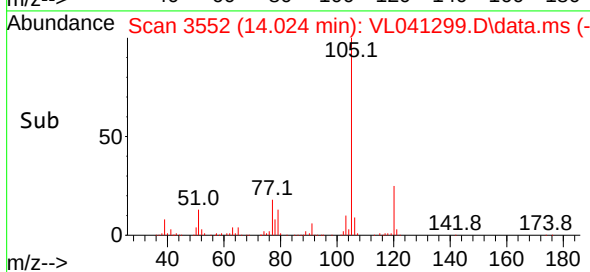
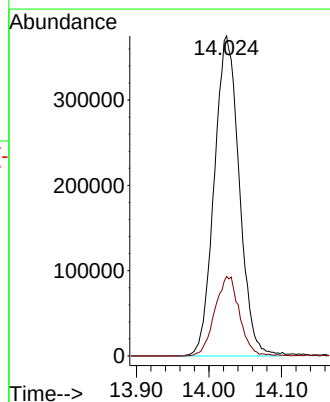
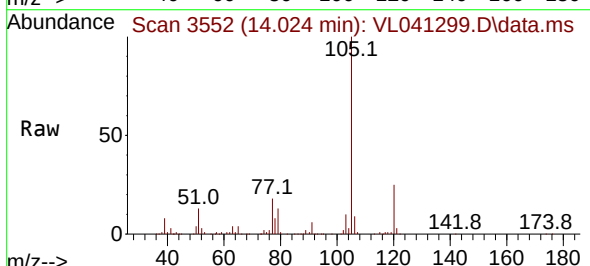
RT: 14.024 min Scan# 3552

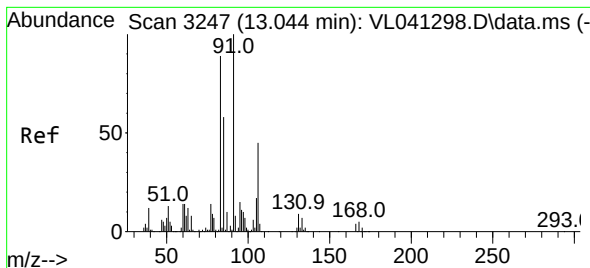
Delta R.T. 0.003 min

Lab File: VL041299.D

Acq: 4 Jun 2024 9:52

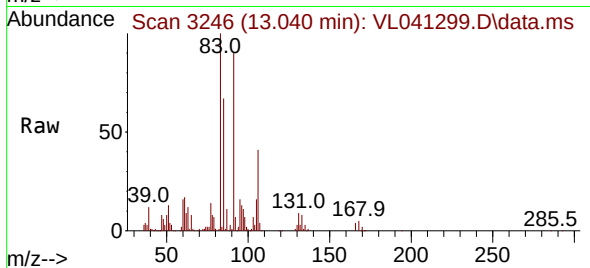
Tgt Ion:105	Resp: 898675
Ion Ratio	Lower Upper
105 100	
120 24.6	20.4 30.6





#63
1,1,2,2-Tetrachloroethane
Concen: 2.169 ppbv
RT: 13.040 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL041299.D
Acq: 4 Jun 2024 9:52

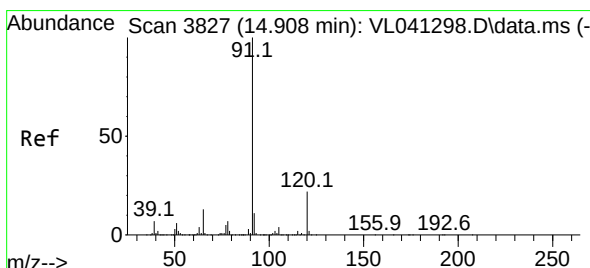
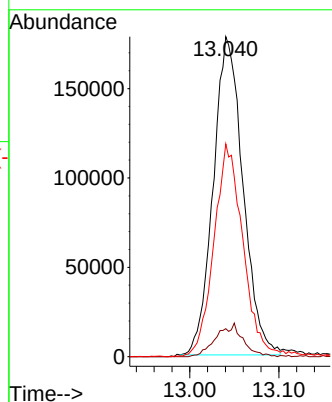
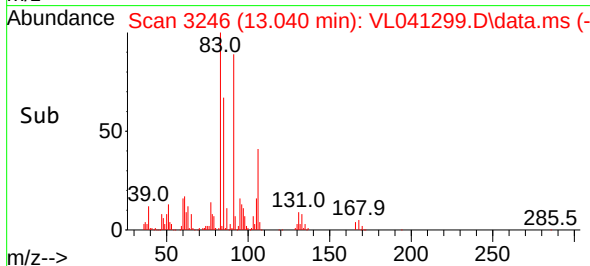
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion: 83 Resp: 41358
Ion Ratio Lower Upper
83 100
131 9.7 4.7 14.1
85 66.1 32.6 97.7

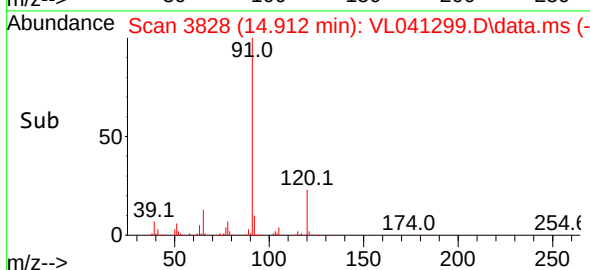
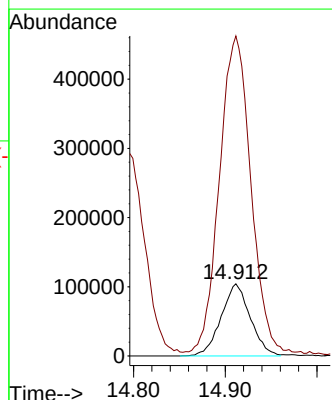
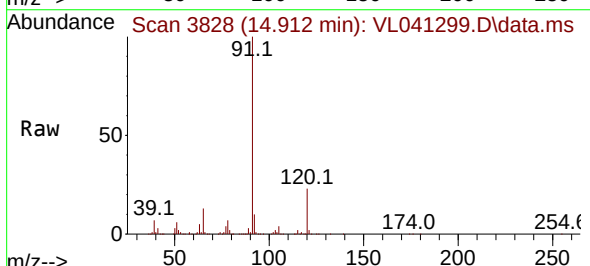
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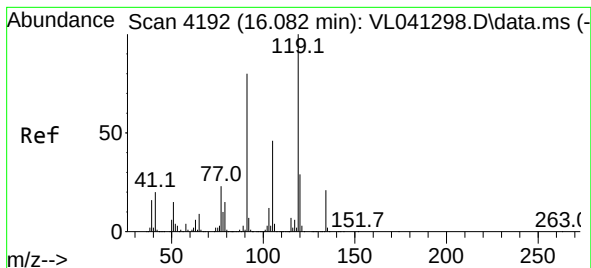
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#64
n-propylbenzene
Concen: 2.205 ppbv
RT: 14.912 min Scan# 3828
Delta R.T. 0.003 min
Lab File: VL041299.D
Acq: 4 Jun 2024 9:52

Tgt Ion:120 Resp: 230160
Ion Ratio Lower Upper
120 100
91 486.3 374.2 561.2





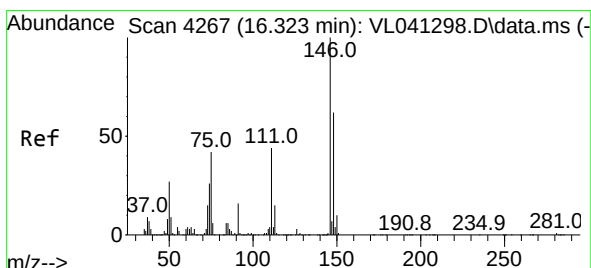
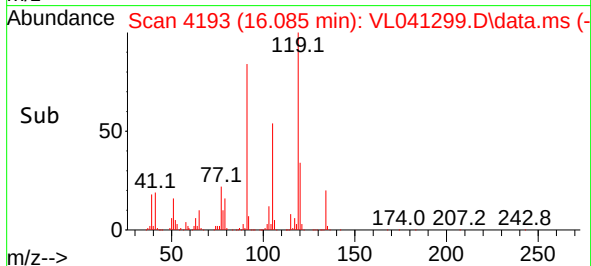
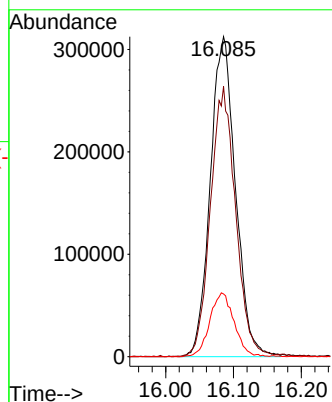
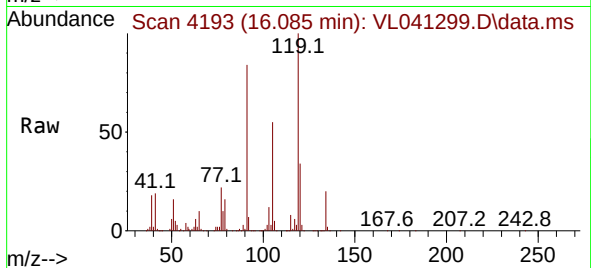
#65
tert-Butylbenzene
Concen: 2.156 ppbv
RT: 16.085 min Scan# 4192
Delta R.T. 0.003 min
Lab File: VL041299.D
Acq: 4 Jun 2024 9:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion: 119 Resp: 80802
Ion Ratio Lower Upper
119 100
91 84.8 66.5 99.7
134 19.4 15.7 23.5

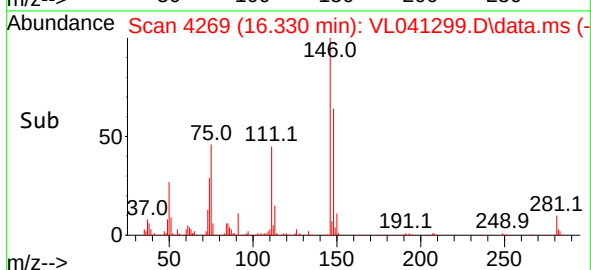
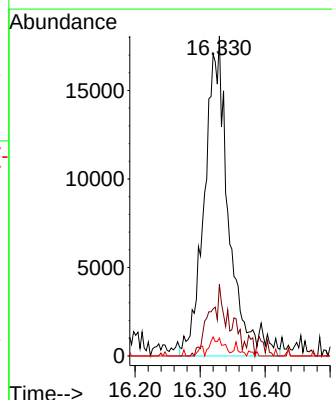
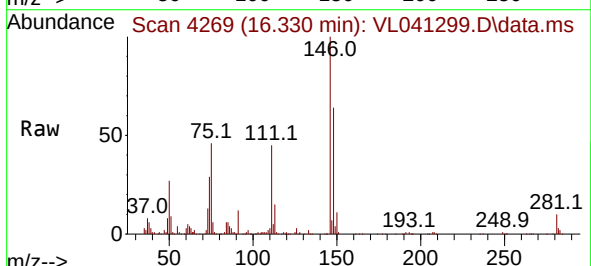
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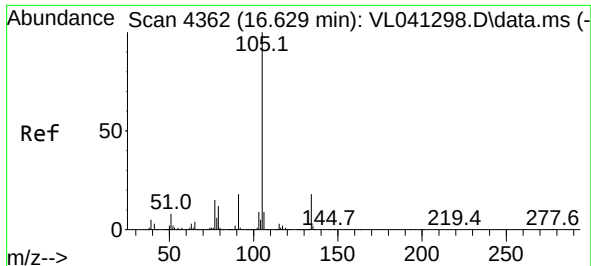
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#66
Benzyl Chloride
Concen: 1.098 ppbv m
RT: 16.330 min Scan# 4269
Delta R.T. 0.006 min
Lab File: VL041299.D
Acq: 4 Jun 2024 9:52

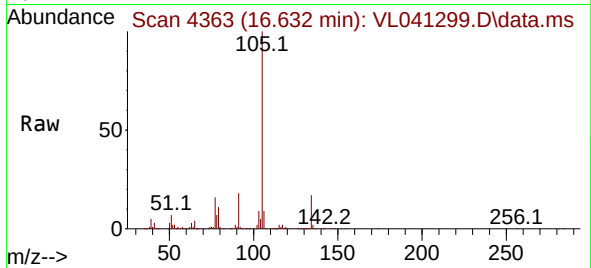
Tgt Ion: 91 Resp: 46585
Ion Ratio Lower Upper
91 100
126 0.0 13.4 20.2#
128 5.2 4.6 6.8





#67
 sec-Butylbenzene
 Concen: 2.168 ppbv
 RT: 16.632 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL041299.D
 Acq: 4 Jun 2024 9:52

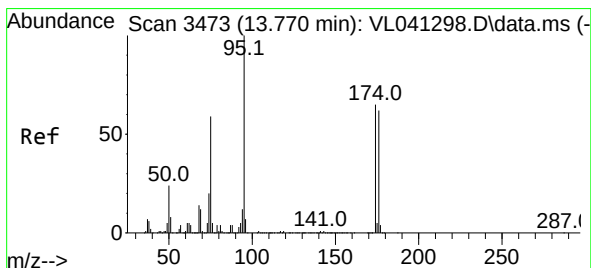
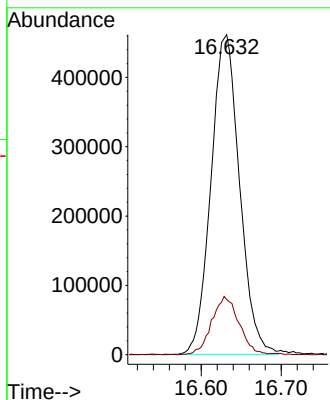
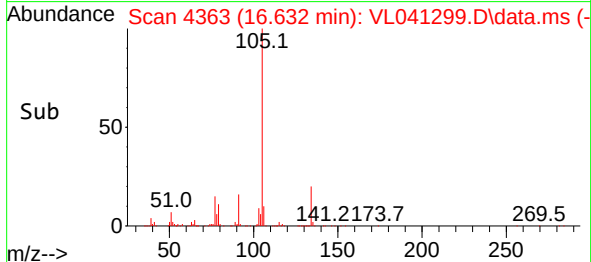
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



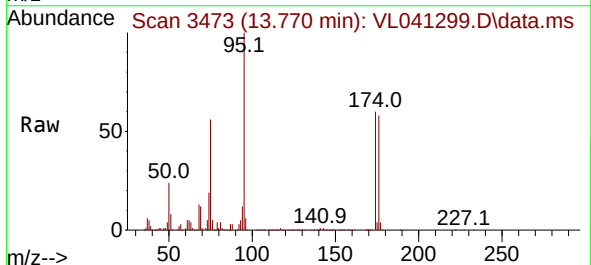
Tgt Ion:105 Resp: 114385
 Ion Ratio Lower Upper
 105 100
 134 17.5 14.3 21.5

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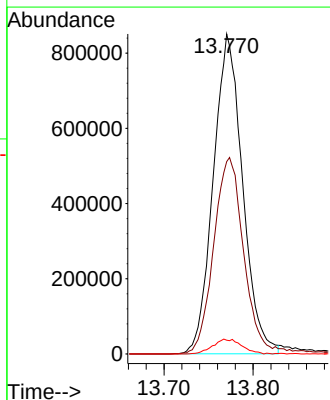
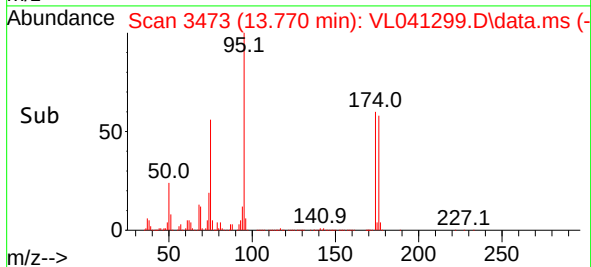
Reviewed By :Semsettin Yesilyurt 06/05/2024
 Supervised By :Mahesh Dadoda 06/05/2024

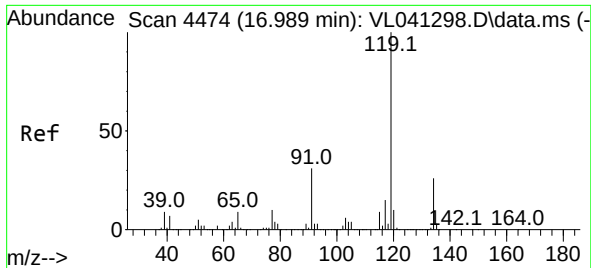


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.926 ppbv
 RT: 13.770 min Scan# 3473
 Delta R.T. 0.000 min
 Lab File: VL041299.D
 Acq: 4 Jun 2024 9:52



Tgt Ion: 95 Resp: 1940680
 Ion Ratio Lower Upper
 95 100
 174 64.5 52.2 78.2
 175 4.7 4.1 6.1





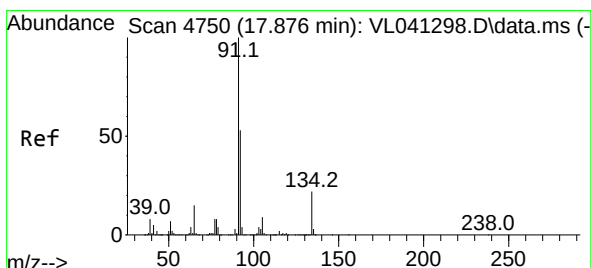
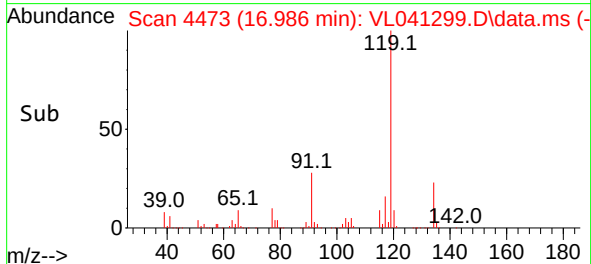
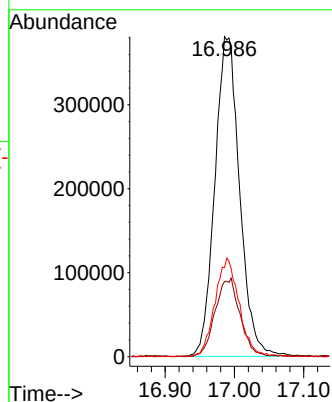
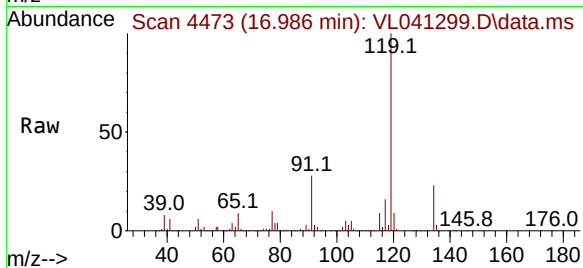
#69
p-Isopropyltoluene
Concen: 2.171 ppbv
RT: 16.986 min Scan# 4474
Delta R.T. -0.003 min
Lab File: VL041299.D
Acq: 4 Jun 2024 9:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:119 Resp: 94390
Ion Ratio Lower Upper
119 100
134 24.9 20.1 30.1
91 30.1 24.1 36.1

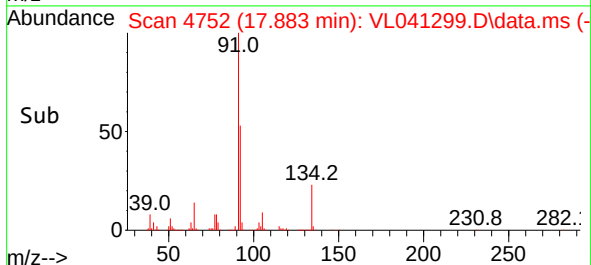
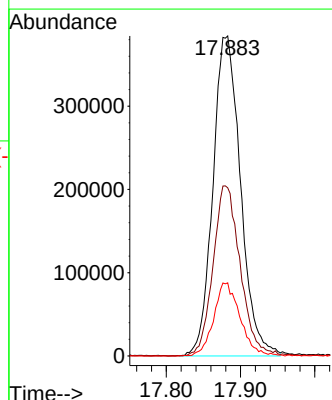
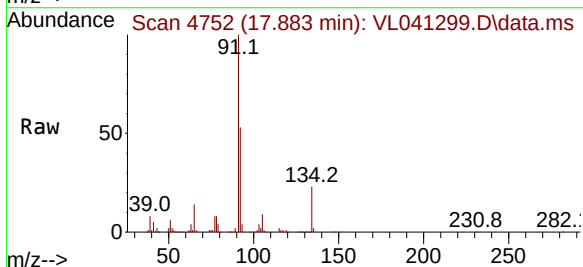
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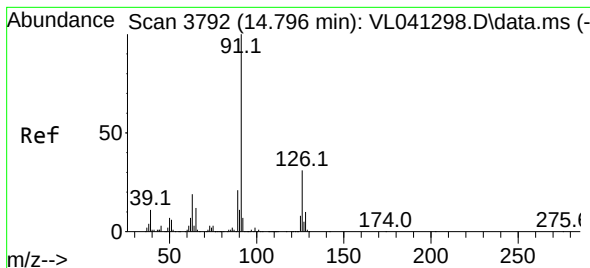
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#70
n-Butylbenzene
Concen: 2.187 ppbv
RT: 17.883 min Scan# 4752
Delta R.T. 0.006 min
Lab File: VL041299.D
Acq: 4 Jun 2024 9:52

Tgt Ion: 91 Resp: 993263
Ion Ratio Lower Upper
91 100
92 52.6 42.9 64.3
134 21.9 17.9 26.9





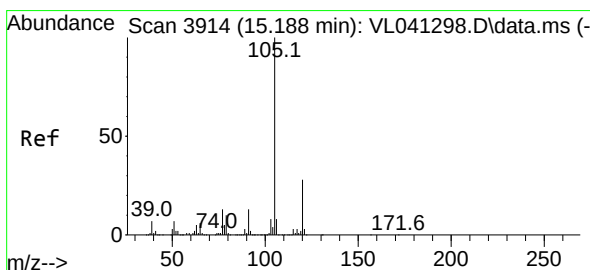
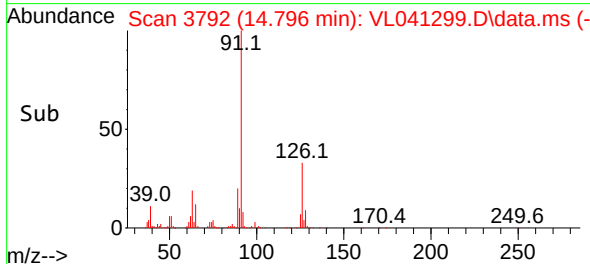
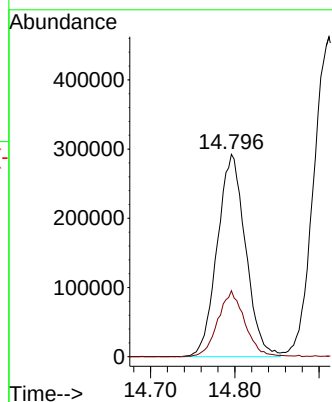
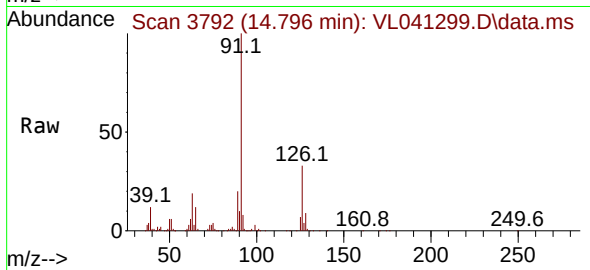
#71
2-Chlorotoluene
Concen: 2.138 ppbv
RT: 14.796 min Scan# 3792
Delta R.T. 0.000 min
Lab File: VL041299.D
Acq: 4 Jun 2024 9:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 91 Resp: 68124
Ion Ratio Lower Upper
91 100
126 31.2 12.4 49.8

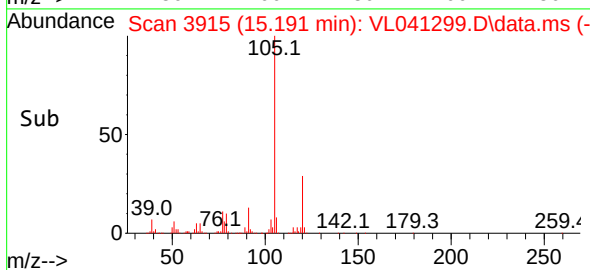
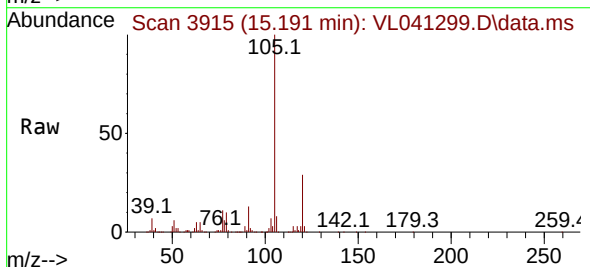
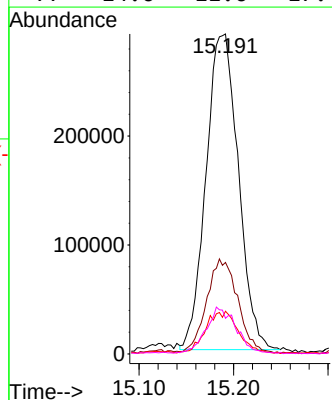
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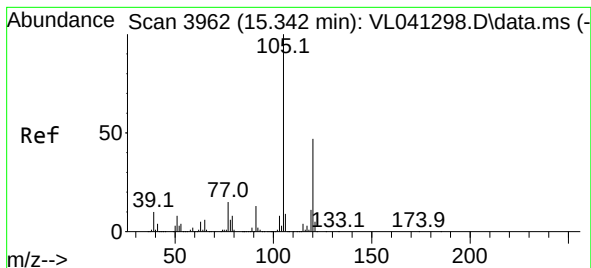
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#72
4-Ethyltoluene
Concen: 2.174 ppbv
RT: 15.191 min Scan# 3915
Delta R.T. 0.003 min
Lab File: VL041299.D
Acq: 4 Jun 2024 9:52

Tgt Ion:105 Resp: 688843
Ion Ratio Lower Upper
105 100
120 29.9 23.7 35.5
91 13.5 10.6 16.0
77 14.6 11.6 17.4





#73

1,3,5-Trimethylbenzene

Concen: 2.143 ppbv

RT: 15.342 min Scan# 3962

Delta R.T. 0.000 min

Lab File: VL041299.D

Acq: 4 Jun 2024 9:52

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion:105 Resp: 614380

Ion Ratio Lower Upper

105 100

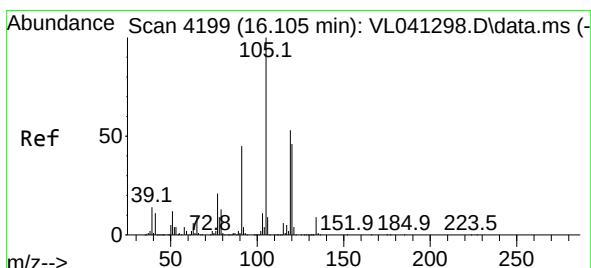
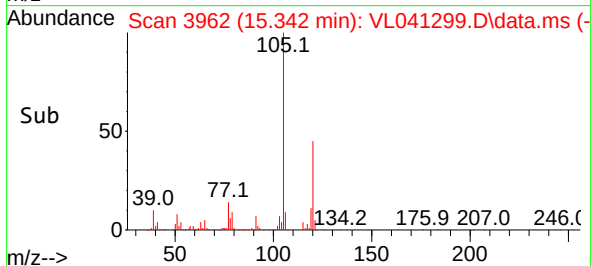
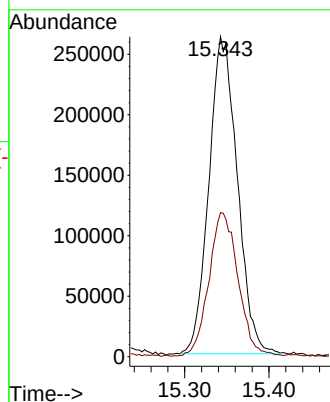
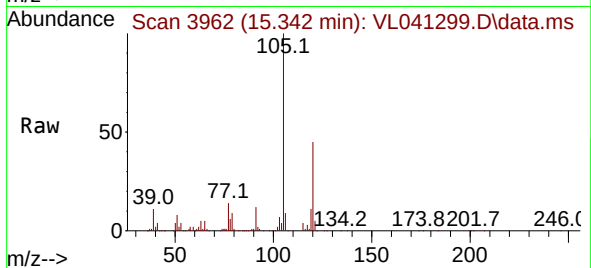
120 45.0 37.8 56.8

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: 2.168 ppbv

RT: 16.101 min Scan# 4198

Delta R.T. -0.003 min

Lab File: VL041299.D

Acq: 4 Jun 2024 9:52

Tgt Ion:105 Resp: 679045

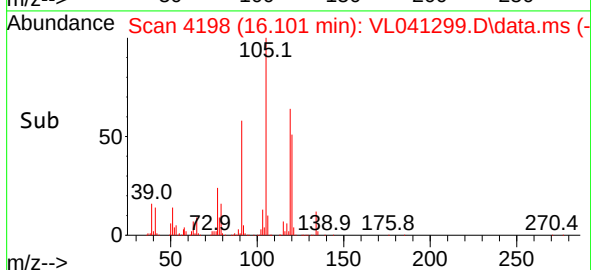
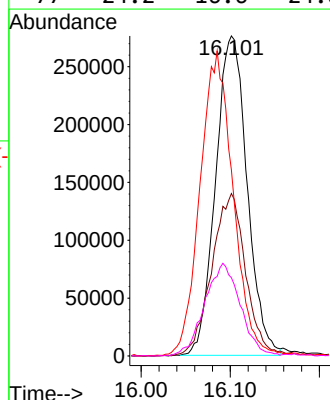
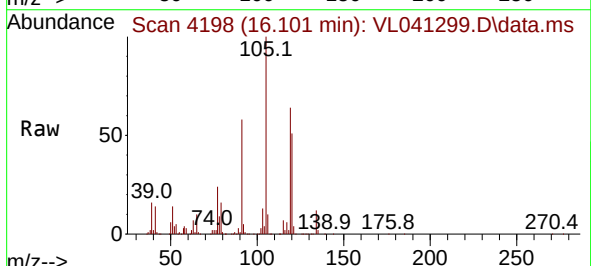
Ion Ratio Lower Upper

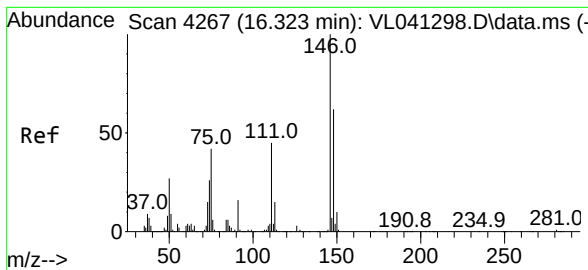
105 100

120 50.2 37.0 55.6

91 57.1 36.2 54.4#

77 24.2 16.6 24.8





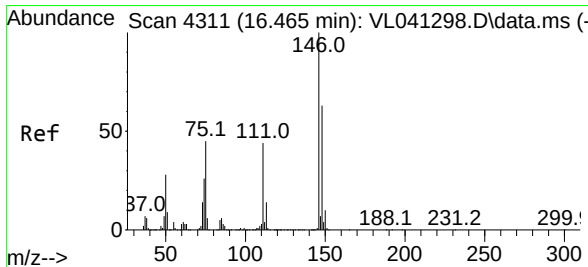
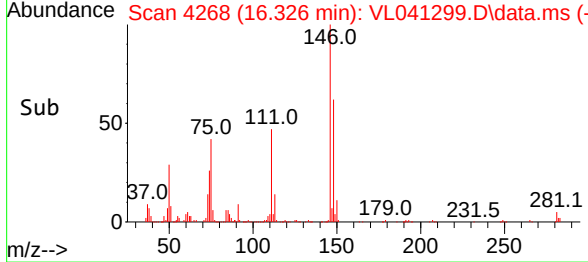
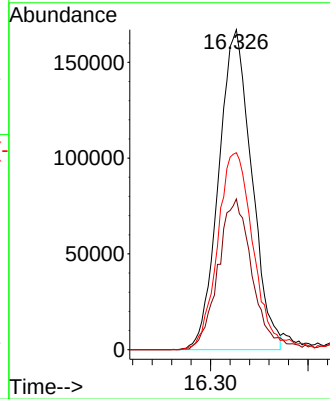
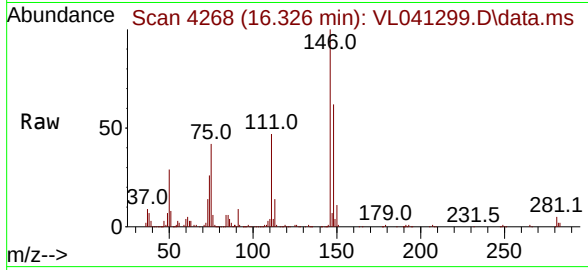
#75
1,3-Dichlorobenzene
Concen: 2.192 ppbv
RT: 16.326 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL041299.D
Acq: 4 Jun 2024 9:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:146 Resp: 39355
Ion Ratio Lower Upper
146 100
111 49.1 23.3 69.8
148 66.8 32.2 96.6

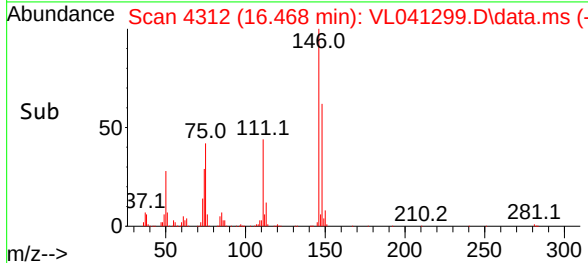
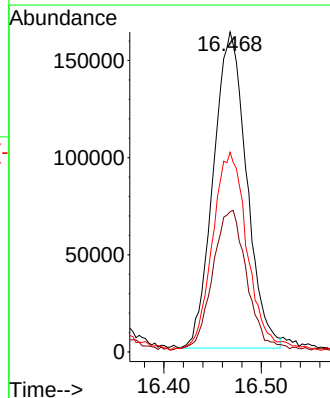
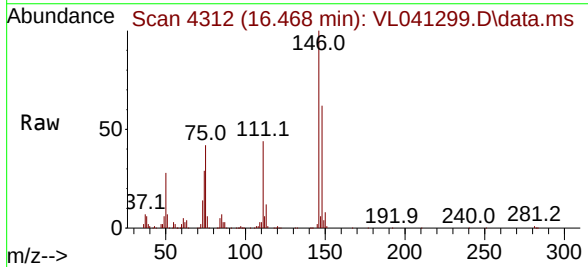
Manual Integrations
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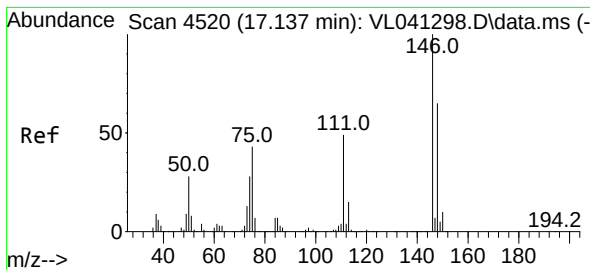
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#76
1,4-Dichlorobenzene
Concen: 2.232 ppbv
RT: 16.468 min Scan# 4312
Delta R.T. 0.003 min
Lab File: VL041299.D
Acq: 4 Jun 2024 9:52

Tgt Ion:146 Resp: 385424
Ion Ratio Lower Upper
146 100
111 48.6 23.3 69.9
148 68.7 32.9 98.6





#77

1,2-Dichlorobenzene

Concen: 2.188 ppbv

RT: 17.137 min Scan# 4520

Delta R.T. -0.000 min

Lab File: VL041299.D

Acq: 4 Jun 2024 9:52

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

Tgt Ion:146 Resp: 392810

Ion Ratio Lower Upper

146 100

111 49.7 24.3 72.9

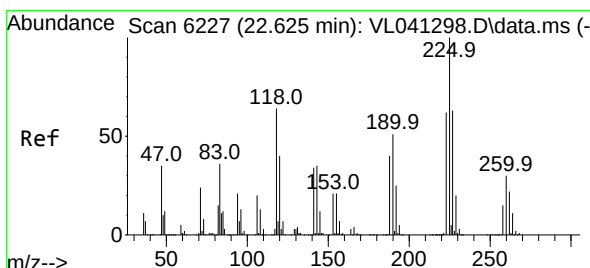
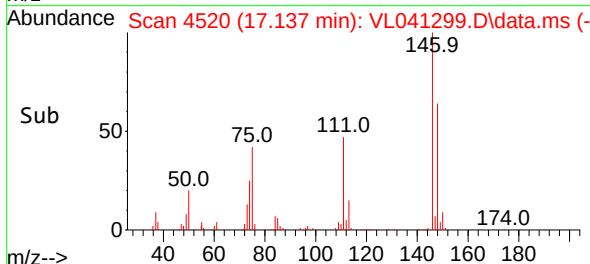
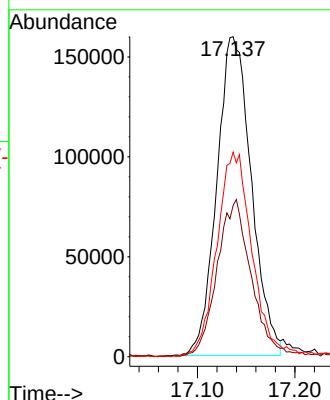
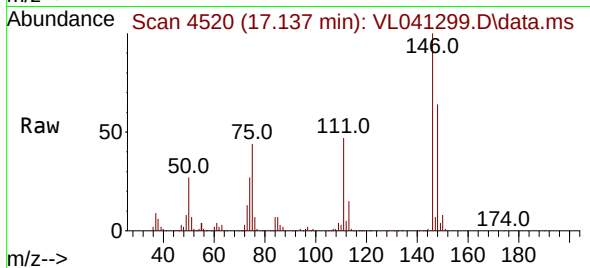
148 66.9 32.0 96.0

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: 2.092 ppbv m

RT: 22.619 min Scan# 6225

Delta R.T. -0.006 min

Lab File: VL041299.D

Acq: 4 Jun 2024 9:52

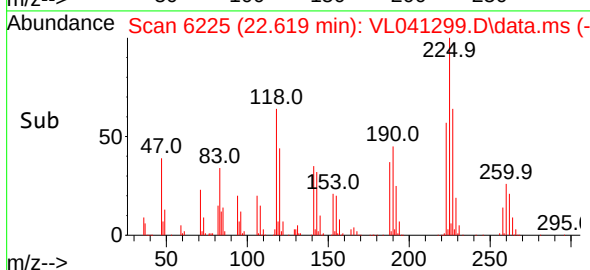
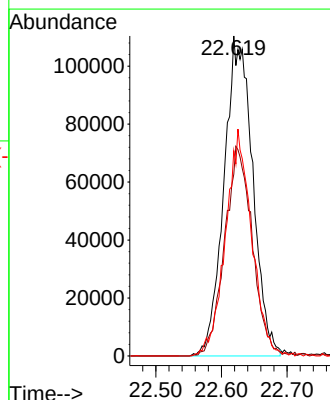
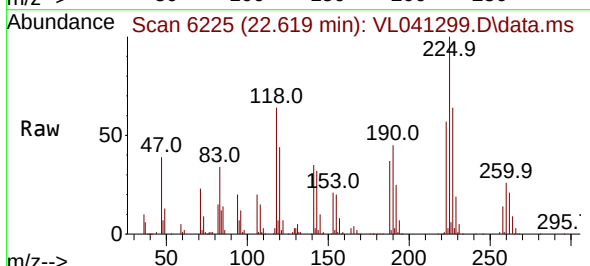
Tgt Ion:225 Resp: 333701

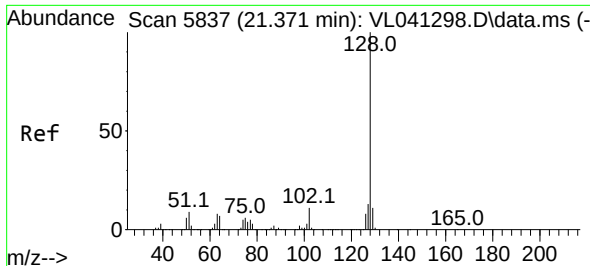
Ion Ratio Lower Upper

225 100

223 63.3 51.0 76.6

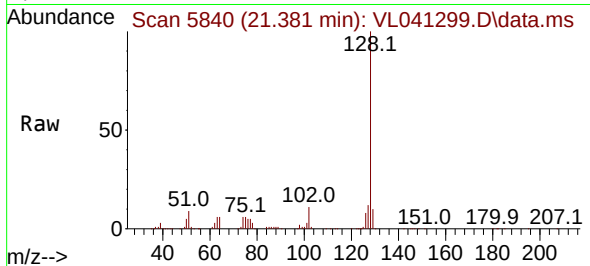
227 64.9 51.1 76.7





#79
Naphthalene
Concen: 2.297 ppbv
RT: 21.381 min Scan# 5840
Delta R.T. 0.010 min
Lab File: VL041299.D
Acq: 4 Jun 2024 9:52

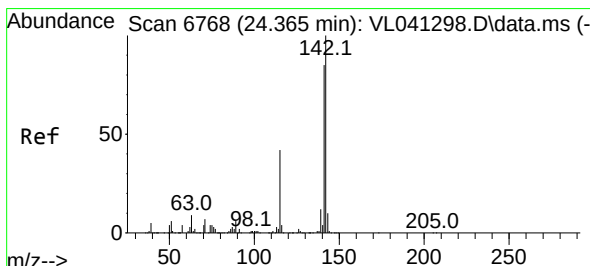
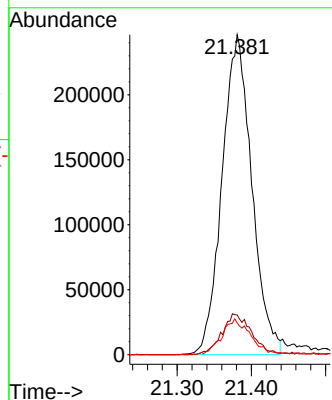
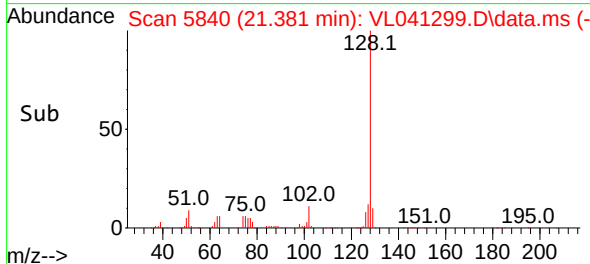
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



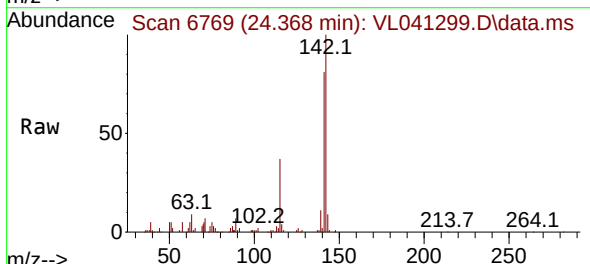
Tgt Ion:128 Resp: 68497
Ion Ratio Lower Upper
128 100
127 12.4 10.5 15.7
129 9.9 9.1 13.7

Manual Integrations
APPROVED

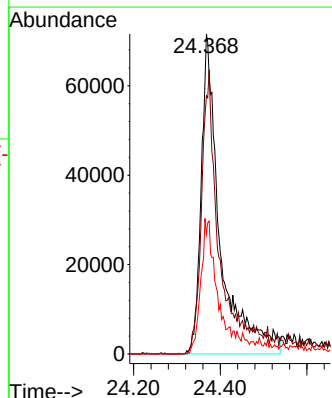
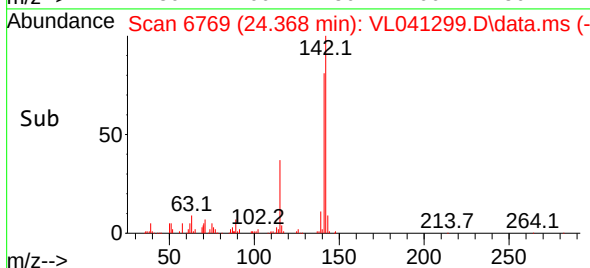
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024

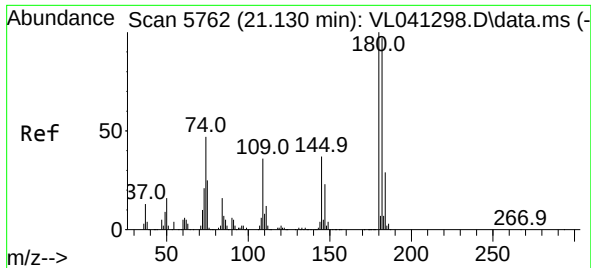


#80
Naphthalene,2-methyl-
Concen: 1.828 ppbv
RT: 24.368 min Scan# 6769
Delta R.T. 0.003 min
Lab File: VL041299.D
Acq: 4 Jun 2024 9:52



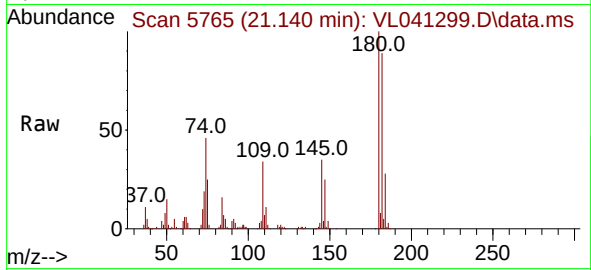
Tgt Ion:142 Resp: 219298
Ion Ratio Lower Upper
142 100
141 81.9 68.5 102.7
115 39.8 32.6 49.0





#81
1,2,4-Trichlorobenzene
Concen: 2.142 ppbv
RT: 21.140 min Scan# 51
Delta R.T. 0.010 min
Lab File: VL041299.D
Acq: 4 Jun 2024 9:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion:180 Resp: 337204
Ion Ratio Lower Upper
180 100
182 98.0 77.0 115.6
184 30.4 0.0 0.0

Manual Integrations
APPROVED

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

