

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040824\
 Data File : VL041144.D
 Acq On : 8 Apr 2024 10:27
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/09/2024
 Supervised By : Mahesh Dadoda 04/09/2024

Quant Time: Apr 09 01:11:05 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL040424AIR.M

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

QLast Update : Tue Apr 09 01:10:08 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.179	49	1307114	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.639	114	3521660	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.452	117	3554339	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.761 95 2672871 9.352 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 93.500%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.716	85	1991243	8.906	ppbv	98
3) Chlorodifluoromethane	2.665	51	1898552	9.430	ppbv	99
4) Chloromethane	2.800	50	726593	9.537	ppbv	98
5) Vinyl Chloride	2.909	62	772566	10.497	ppbv	99
6) Bromomethane	3.105	94	260265	9.395	ppbv	91
7) Chloroethane	3.186	64	270603	10.019	ppbv	97
8) Dichlorotetrafluoroethane	2.845	85	1830669	9.598	ppbv	96
9) Propene	2.681	41	662723	10.348	ppbv	95
10) Heptane	7.562	43	1636261	10.761	ppbv	100
11) Trichlorofluoromethane	3.549	101	1920937	9.474	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.054	101	1405832	9.580	ppbv	100
13) Ethanol	3.231	45	117706	7.727	ppbv	91
14) Bromoethene	3.353	108	563061	9.741	ppbv	98
15) Acetone	3.456	43	1306484	9.231	ppbv	98
16) 1,3-Butadiene	2.973	39	716349	10.311	ppbv	98
17) tert-Butyl alcohol	3.864	59	1300477	10.146	ppbv	100
18) 1,1-Dichloroethene	3.867	96	632153	10.090	ppbv	93
19) Isopropyl Alcohol	3.562	45	866023	10.072	ppbv #	95
20) Methylene Chloride	3.919	84	526692	9.023	ppbv	98
21) Allyl Chloride	3.983	41	893772	10.364	ppbv	99
22) trans-1,2-Dichloroethene	4.430	96	651550	9.920	ppbv	96
23) Vinyl Acetate	4.613	43	1609467	11.132	ppbv	97
24) 1,1-Dichloroethane	4.549	63	1329528	10.106	ppbv	99
25) Ethyl Acetate	5.189	43	2721254	10.238	ppbv	99
26) Hexane	5.195	57	1192930	10.002	ppbv	99
27) Carbon Disulfide	4.112	76	1535445	10.507	ppbv	99
28) Methyl tert-Butyl Ether	4.571	73	949320	10.548	ppbv	99
29) Chloroform	5.259	83	1937688	9.638	ppbv	97
30) Cyclohexane	6.584	84	1034370	10.647	ppbv	97
31) cis-1,2-Dichloroethene	5.063	61	1096823	9.716	ppbv	97
32) 1,1,1-Trichloroethane	5.989	97	1933241	10.402	ppbv	100
34) 2-Butanone	4.771	43	1467156	9.845	ppbv	100
35) Carbon Tetrachloride	6.478	117	2063395	10.291	ppbv	97
36) Benzene	6.356	78	2607721	10.084	ppbv	99
37) 1,2-Dichloroethane	5.790	62	1491562	9.606	ppbv	99
38) Trichloroethene	7.275	130	1012436	10.836	ppbv	99
39) 1,2-Dichloropropane	7.060	63	1006962	9.875	ppbv	98
40) 1,4-Dioxane	7.272	88	372530	10.483	ppbv	86
41) Tetrahydrofuran	5.542	42	1039472	10.476	ppbv	99
42) Bromodichloromethane	7.234	83	2183073	9.841	ppbv	99
43) Methyl Methacrylate	7.459	69	1072311	10.886	ppbv	98
44) 2,2,4-Trimethylpentane	7.311	57	4250474	9.928	ppbv	99
45) t-1,3-Dichloropropene	8.693	75	702664	12.104	ppbv	99

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL040424AIR.M

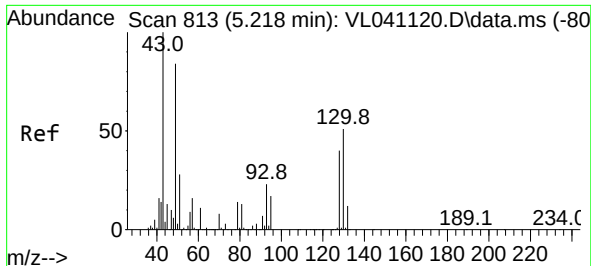
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2

QLast Update : Tue Apr 09 01:10:08 2024

Response via : Initial Calibration

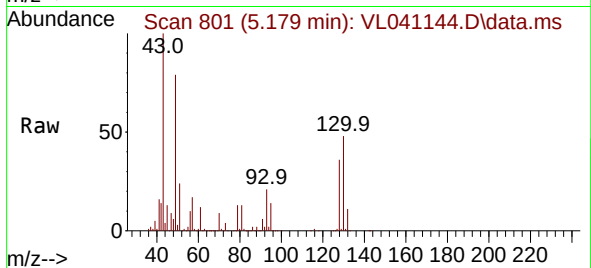
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.127	75	857724	11.420	ppbv	98
47) 1,1,2-Trichloroethane	8.883	97	1087008	9.863	ppbv	99
48) Dibromochloromethane	9.693	129	1899001	10.855	ppbv	99
49) Bromoform	12.391	173	1532425	11.057	ppbv	100
50) 4-Methyl-2-Pentanone	8.163	43	2690837	10.261	ppbv	98
51) 2-Hexanone	9.533	43	1973712	10.855	ppbv #	98
52) Tetrachloroethene	10.600	164	902648	10.939	ppbv	97
53) Toluene	9.205	91	2961319	10.875	ppbv	99
54) 1,2-Dibromoethane	9.992	107	1537567	11.187	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.491	131	1385353	9.484	ppbv	98
57) Chlorobenzene	11.510	112	2335364	9.598	ppbv	96
58) Ethyl Benzene	12.073	91	4017137	10.323	ppbv	99
59) m/p-Xylene	12.356	91	6777331m	19.285	ppbv	
60) o-Xylene	13.047	91	3239976	9.730	ppbv	98
61) Styrene	12.880	104	1726890	11.704	ppbv	98
62) Isopropylbenzene	14.015	105	4807550	9.698	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.031	83	2442484	9.336	ppbv	100
64) n-propylbenzene	14.899	120	1310118	10.531	ppbv	88
65) tert-Butylbenzene	16.076	119	4291883	9.917	ppbv	97
66) Benzyl Chloride	16.310	91	297576	10.451	ppbv	97
67) sec-Butylbenzene	16.619	105	6064670	9.699	ppbv	99
69) p-Isopropyltoluene	16.979	119	4976697	10.206	ppbv	99
70) n-Butylbenzene	17.870	91	5284616	9.977	ppbv	99
71) 2-Chlorotoluene	14.783	91	3730882	9.812	ppbv	98
72) 4-Ethyltoluene	15.175	105	3848886	10.349	ppbv	99
73) 1,3,5-Trimethylbenzene	15.333	105	3319741	10.121	ppbv	98
74) 1,2,4-Trimethylbenzene	16.092	105	3663927	9.760	ppbv	99
75) 1,3-Dichlorobenzene	16.314	146	2174671	9.922	ppbv	99
76) 1,4-Dichlorobenzene	16.458	146	2119093	9.940	ppbv	99
77) 1,2-Dichlorobenzene	17.127	146	2103402	9.883	ppbv	99
78) Hexachloro-1,3-Butadiene	22.619	225	1308253	9.246	ppbv	99
79) Naphthalene	21.368	128	3164191	13.139	ppbv	99
80) Naphthalene,2-methyl-	24.365	142	688031	14.666	ppbv	98
81) 1,2,4-Trichlorobenzene	21.124	180	1556296	11.527	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.179 min Scan# 80
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27

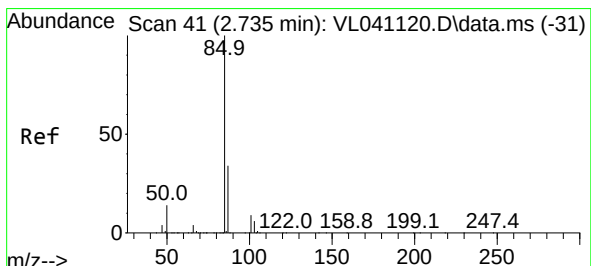
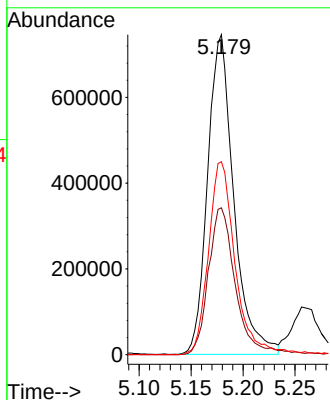
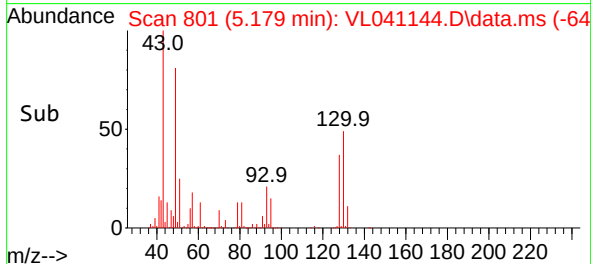
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 49 Resp: 1307114
Ion Ratio Lower Upper
49 100
128 48.0 23.6 71.0
130 62.6 30.1 90.5

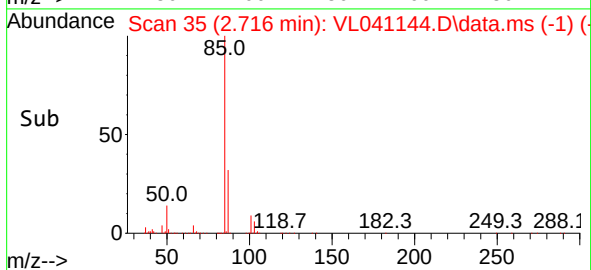
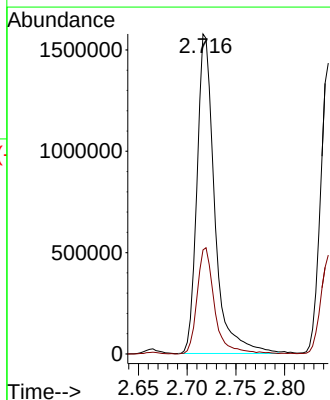
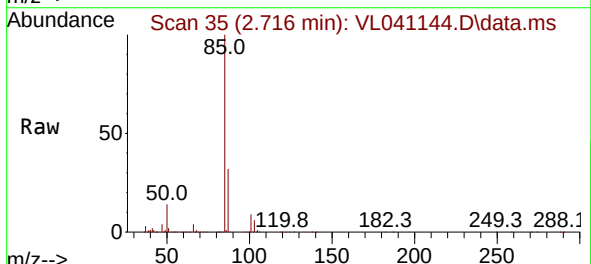
Manual Integrations
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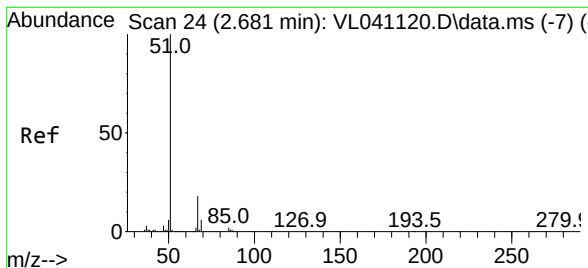
Reviewed By :Semsettin Yesilyurt 04/09/2024
Supervised By :Mahesh Dadoda 04/09/2024



#2
Dichlorodifluoromethane
Concen: 8.906 ppbv
RT: 2.716 min Scan# 35
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27

Tgt Ion: 85 Resp: 1991243
Ion Ratio Lower Upper
85 100
87 32.5 27.0 40.6





#3

Chlorodifluoromethane

Concen: 9.430 ppbv

RT: 2.665 min Scan# 19

Delta R.T. 0.000 min

Lab File: VL041144.D

Acq: 8 Apr 2024 10:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 51 Resp: 189855

Ion Ratio Lower Upper

51 100

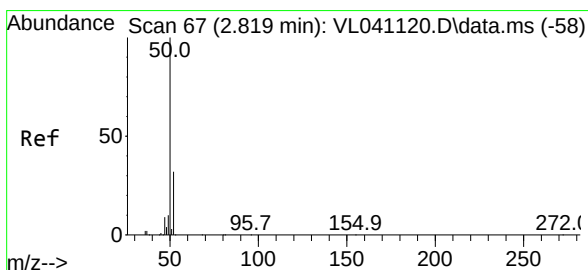
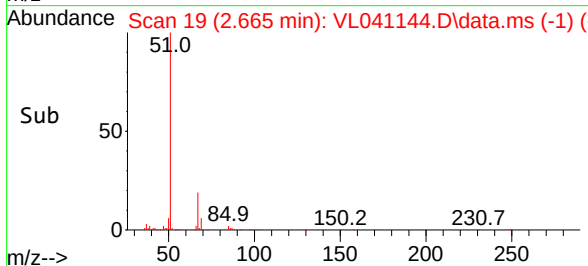
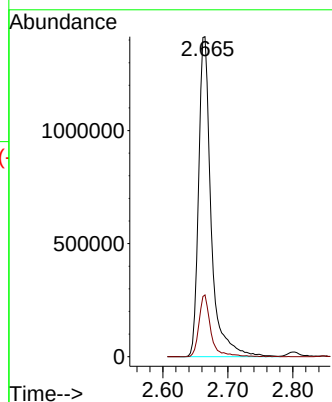
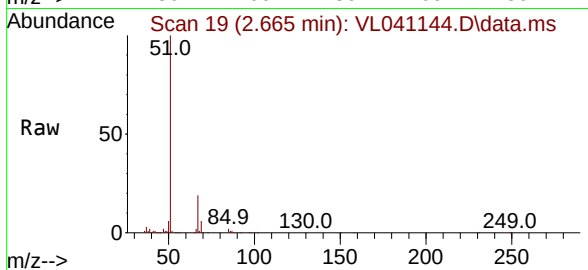
67 18.4 14.9 22.3

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/09/2024

Supervised By :Mahesh Dadoda 04/09/2024



#4

Chloromethane

Concen: 9.537 ppbv

RT: 2.800 min Scan# 61

Delta R.T. 0.000 min

Lab File: VL041144.D

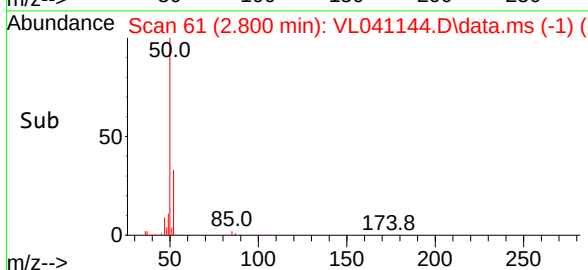
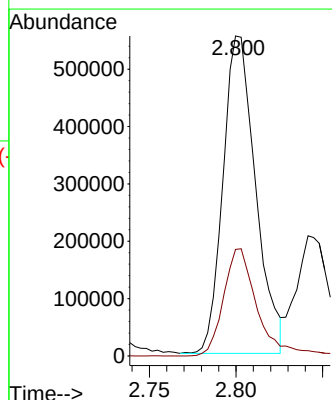
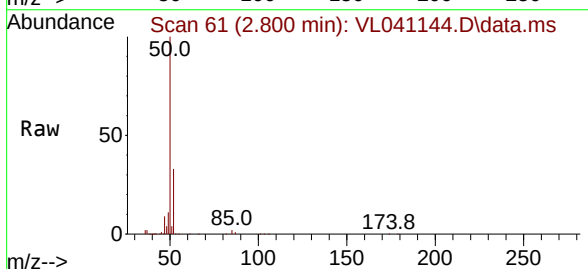
Acq: 8 Apr 2024 10:27

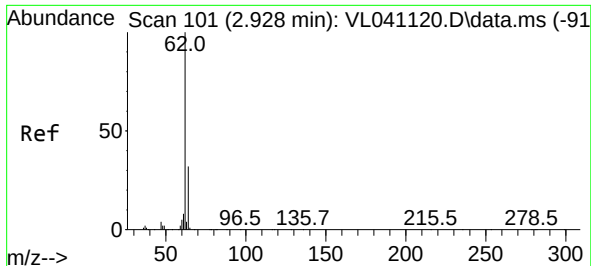
Tgt Ion: 50 Resp: 726593

Ion Ratio Lower Upper

50 100

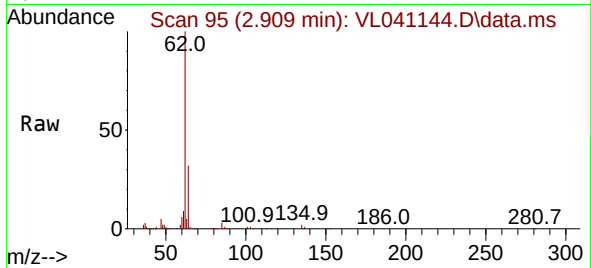
52 33.6 26.0 39.0





#5
 Vinyl Chloride
 Concen: 10.497 ppbv
 RT: 2.909 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VL041144.D
 Acq: 8 Apr 2024 10:27

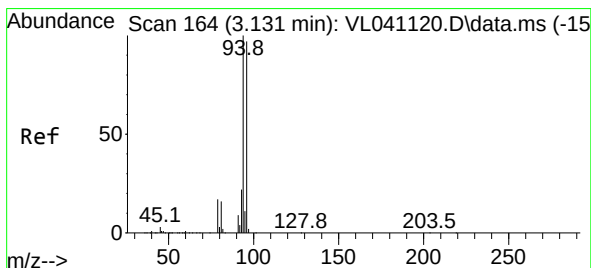
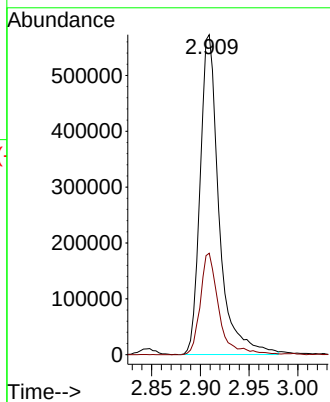
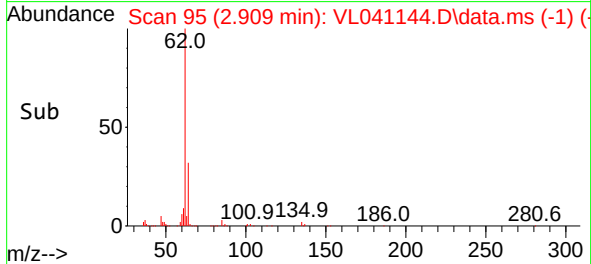
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 62 Resp: 772560
 Ion Ratio Lower Upper
 62 100
 64 31.7 25.6 38.4

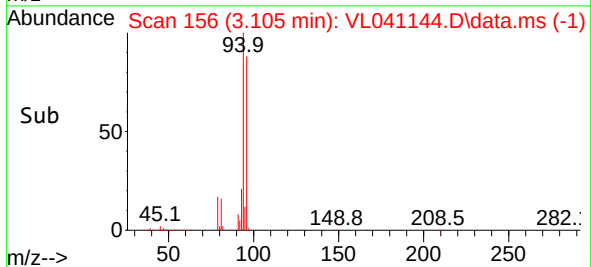
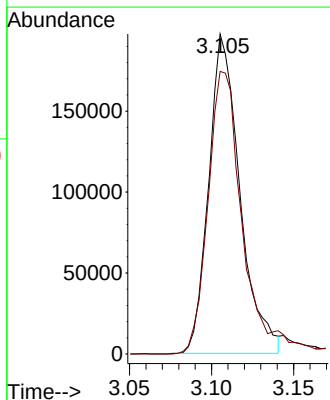
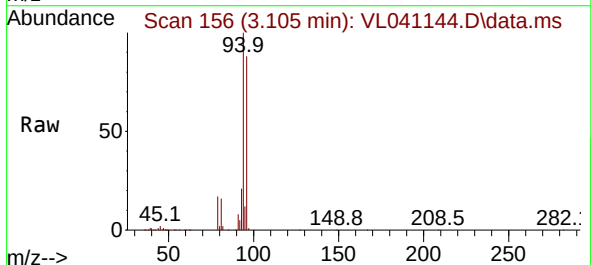
Manual Integrations
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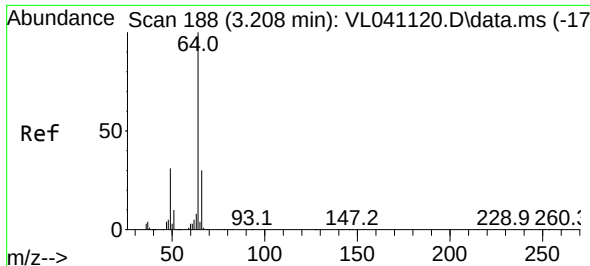
Reviewed By :Semsettin Yesilyurt 04/09/2024
 Supervised By :Mahesh Dadoda 04/09/2024



#6
 Bromomethane
 Concen: 9.395 ppbv
 RT: 3.105 min Scan# 156
 Delta R.T. 0.000 min
 Lab File: VL041144.D
 Acq: 8 Apr 2024 10:27

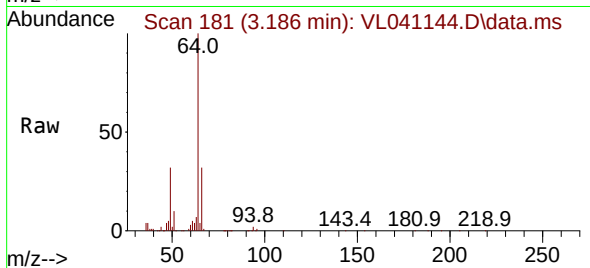
Tgt Ion: 94 Resp: 260265
 Ion Ratio Lower Upper
 94 100
 96 88.2 77.9 116.9





#7
Chloroethane
Concen: 10.019 ppbv
RT: 3.186 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27

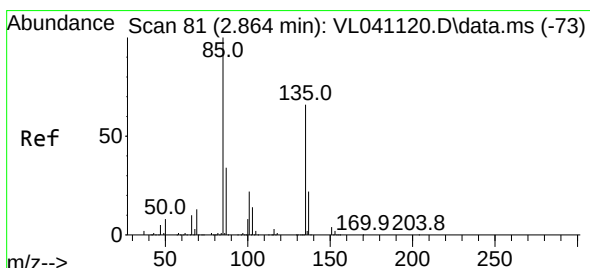
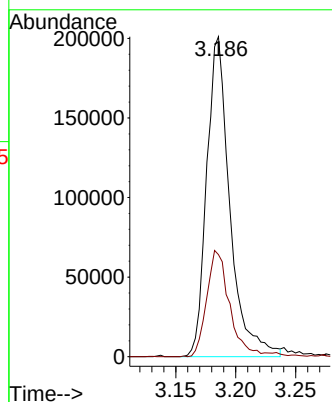
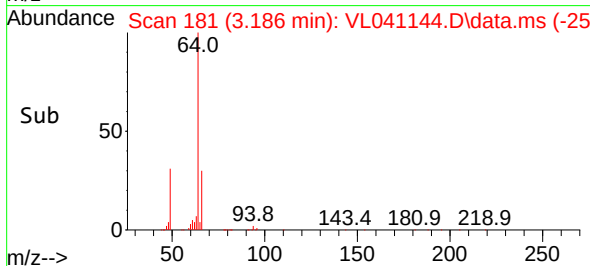
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 64 Resp: 27060
Ion Ratio Lower Upper
64 100
66 31.9 24.2 36.4

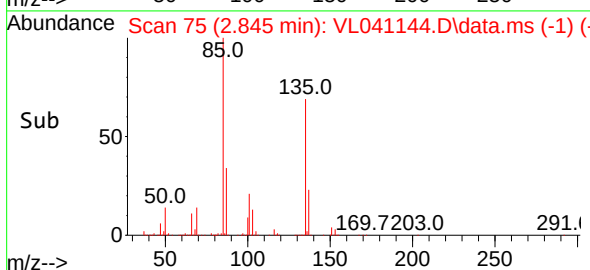
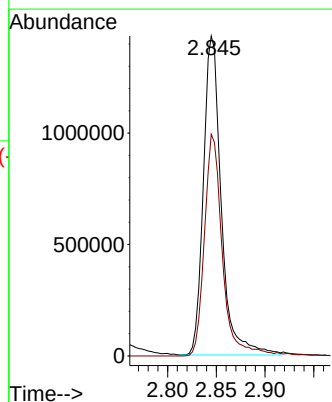
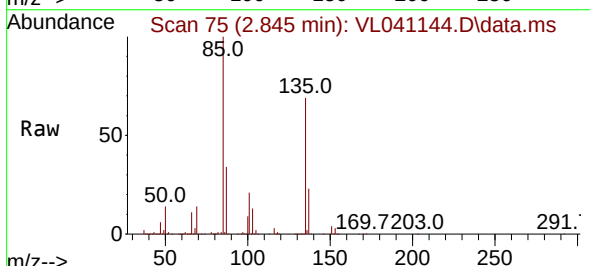
Manual Integrations
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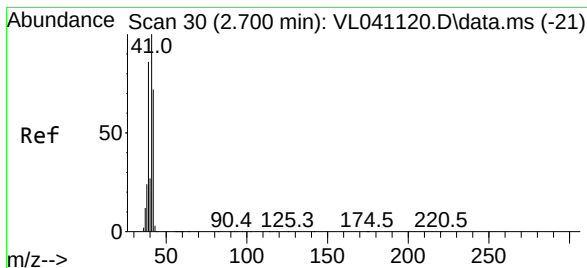
Reviewed By :Semsettin Yesilyurt 04/09/2024
Supervised By :Mahesh Dadoda 04/09/2024



#8
Dichlorotetrafluoroethane
Concen: 9.598 ppbv
RT: 2.845 min Scan# 75
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27

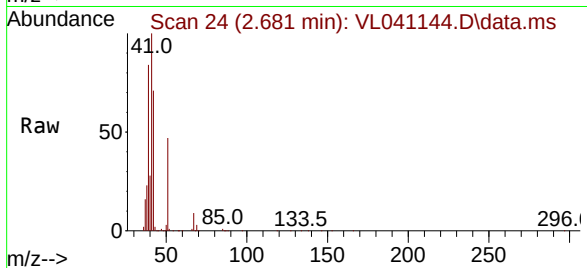
Tgt Ion: 85 Resp: 1830669
Ion Ratio Lower Upper
85 100
135 70.5 54.2 81.2





#9
Propene
Concen: 10.348 ppbv
RT: 2.681 min Scan# 24
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27

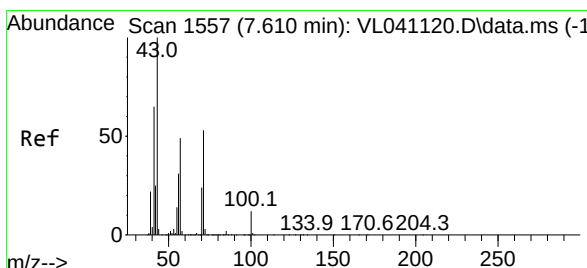
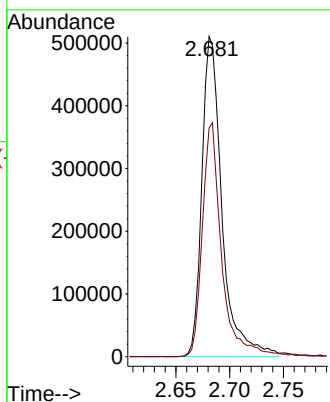
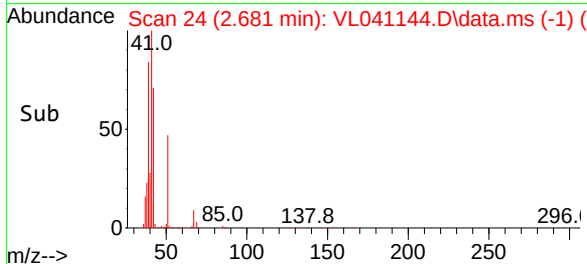
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



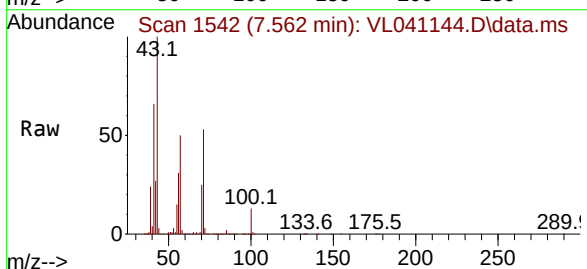
Tgt Ion: 41 Resp: 662723
Ion Ratio Lower Upper
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42 70.7 60.1 90.1

Manual Integrations
APPROVED

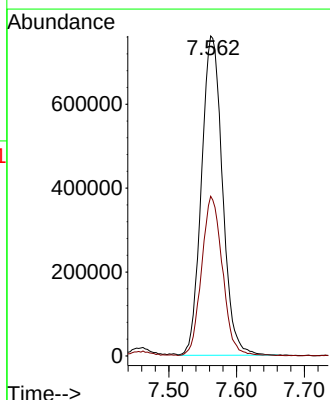
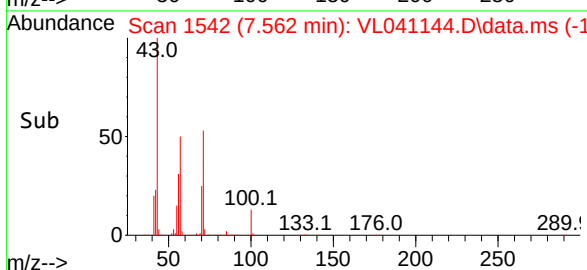
Reviewed By :Semsettin Yesilyurt 04/09/2024
Supervised By :Mahesh Dadoda 04/09/2024

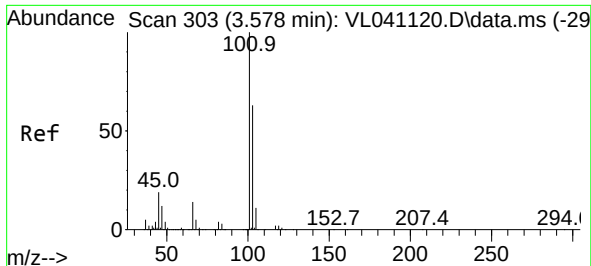


#10
Heptane
Concen: 10.761 ppbv
RT: 7.562 min Scan# 1542
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27



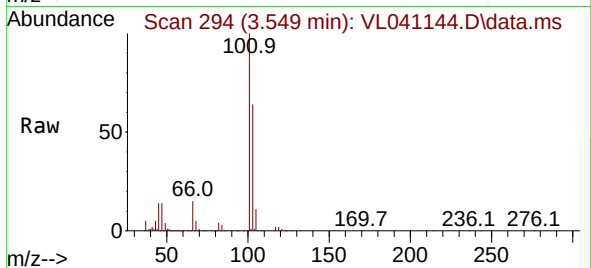
Tgt Ion: 43 Resp: 1636261
Ion Ratio Lower Upper
43 100
57 49.9 39.9 59.9





#11
Trichlorofluoromethane
Concen: 9.474 ppbv
RT: 3.549 min Scan# 294
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27

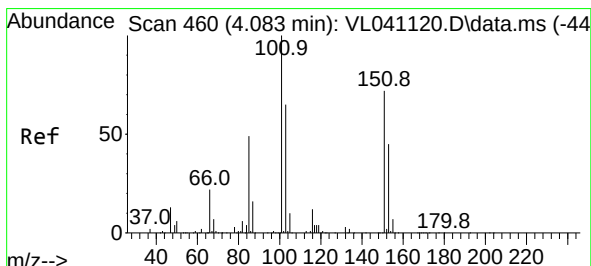
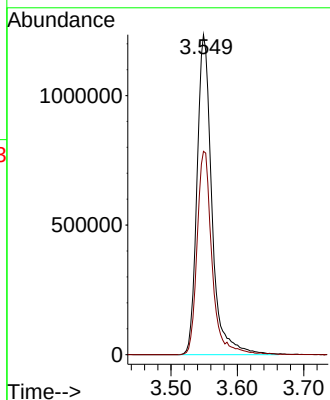
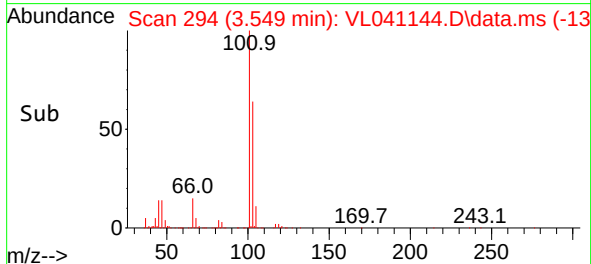
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



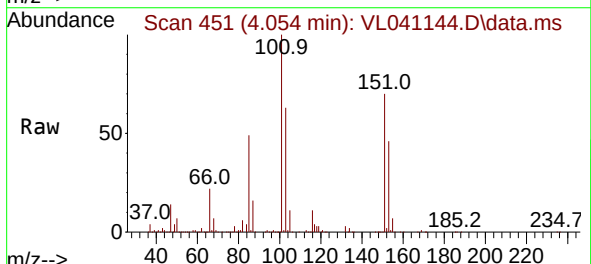
Tgt Ion:101 Resp: 192093
Ion Ratio Lower Upper
101 100
103 63.5 50.6 75.8

Manual Integrations
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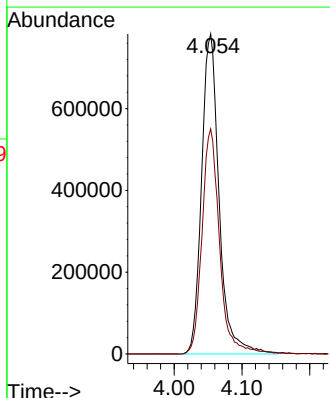
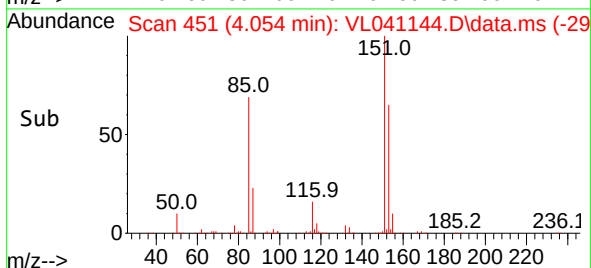
Reviewed By :Semsettin Yesilyurt 04/09/2024
Supervised By :Mahesh Dadoda 04/09/2024

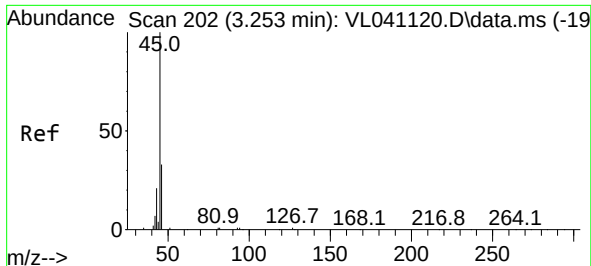


#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.580 ppbv
RT: 4.054 min Scan# 451
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27



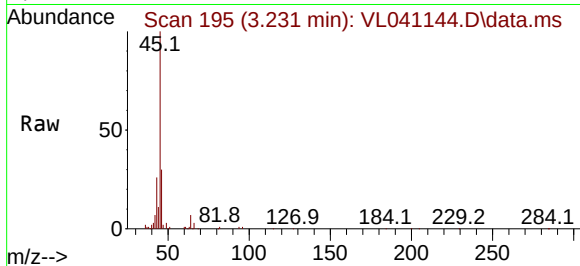
Tgt Ion:101 Resp: 1405832
Ion Ratio Lower Upper
101 100
151 70.4 56.2 84.4





#13
Ethanol
Concen: 7.727 ppbv
RT: 3.231 min Scan# 195
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27

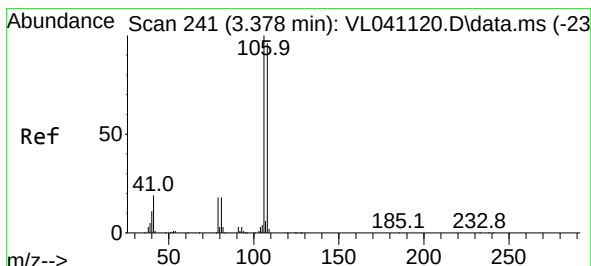
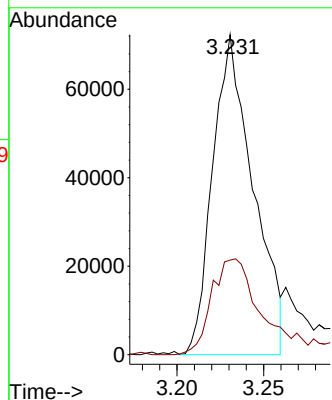
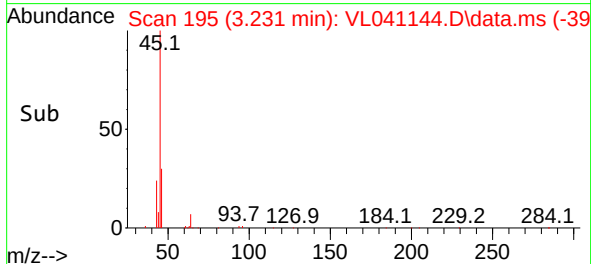
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



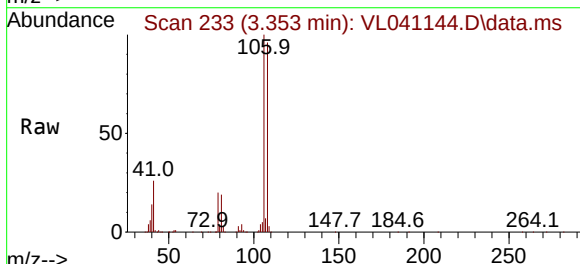
Tgt Ion: 45 Resp: 117700
Ion Ratio Lower Upper
45 100
46 42.6 15.0 59.8

Manual Integrations
APPROVED

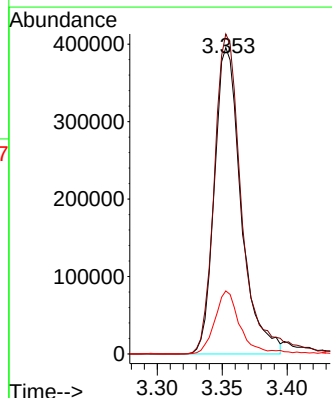
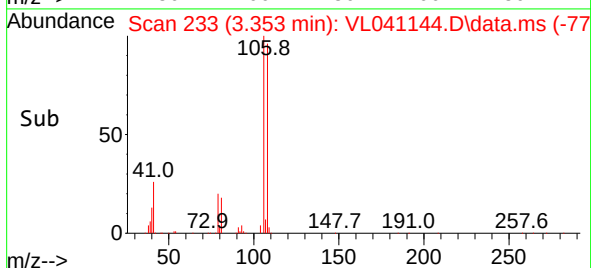
Reviewed By :Semsettin Yesilyurt 04/09/2024
Supervised By :Mahesh Dadoda 04/09/2024

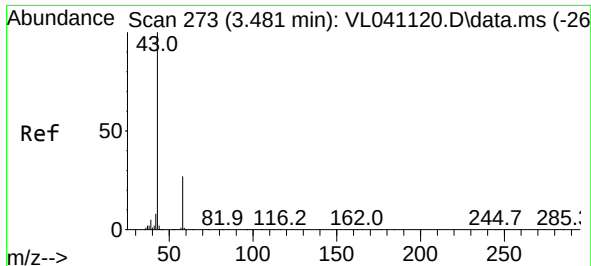


#14
Bromoethene
Concen: 9.741 ppbv
RT: 3.353 min Scan# 233
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27



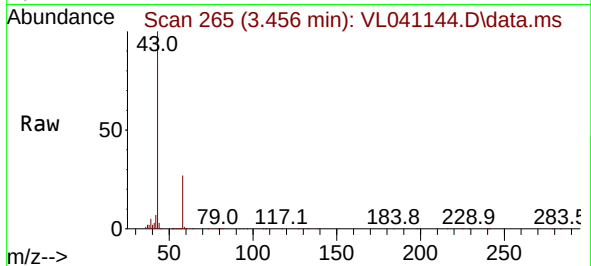
Tgt Ion:108 Resp: 563061
Ion Ratio Lower Upper
108 100
106 109.5 86.0 129.0
79 20.4 15.4 23.2





#15
Acetone
Concen: 9.231 ppbv
RT: 3.456 min Scan# 20
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27

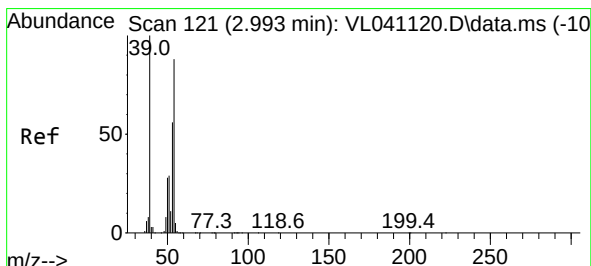
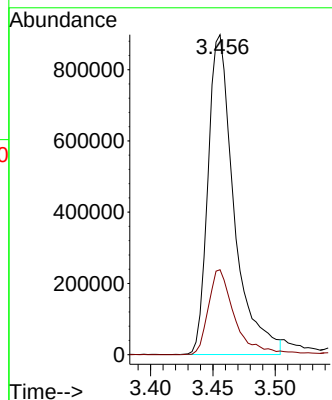
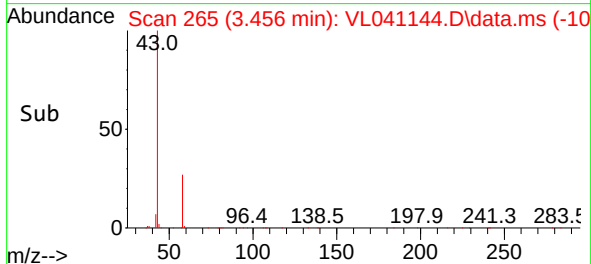
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 1306484
Ion Ratio Lower Upper
43 100
58 27.3 21.1 31.7

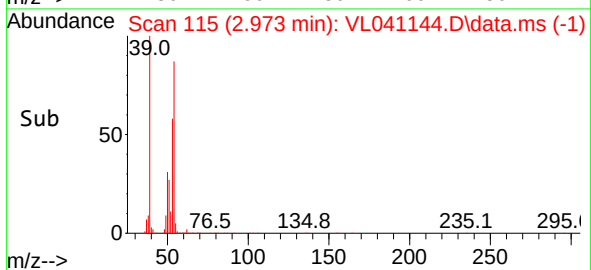
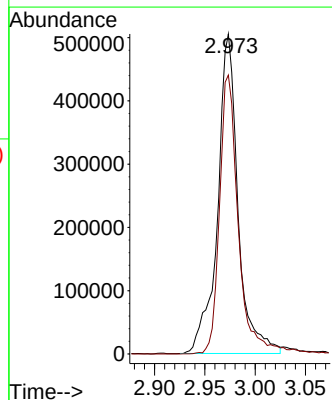
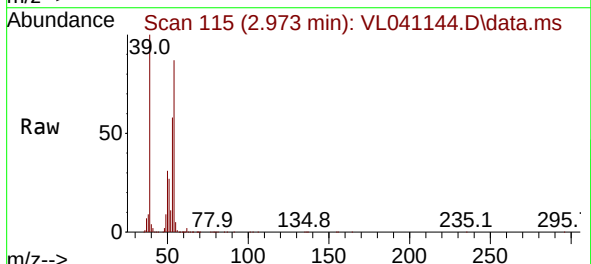
Manual Integrations
APPROVED

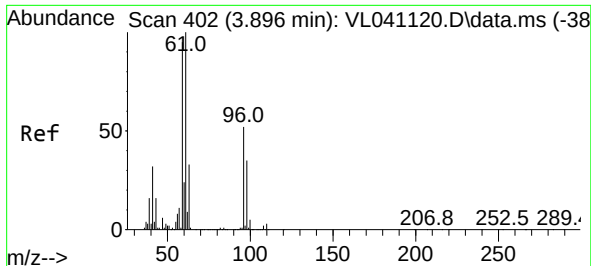
Reviewed By :Semsettin Yesilyurt 04/09/2024
Supervised By :Mahesh Dadoda 04/09/2024



#16
1,3-Butadiene
Concen: 10.311 ppbv
RT: 2.973 min Scan# 115
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27

Tgt Ion: 39 Resp: 716349
Ion Ratio Lower Upper
39 100
54 80.9 63.5 95.3





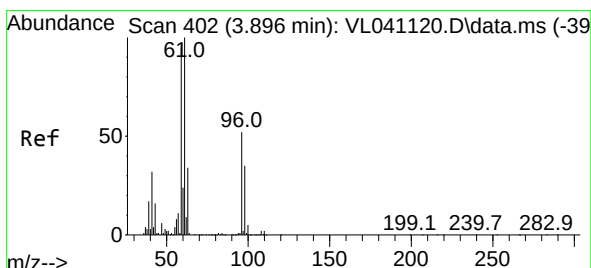
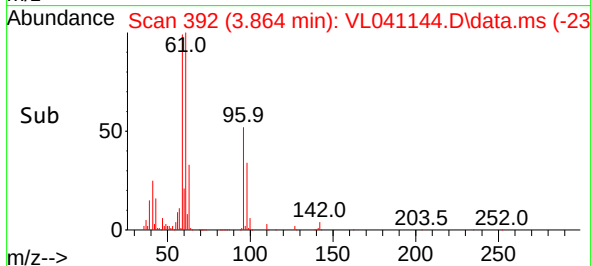
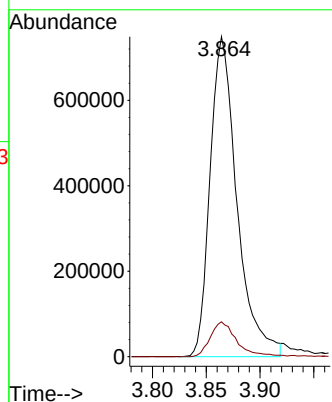
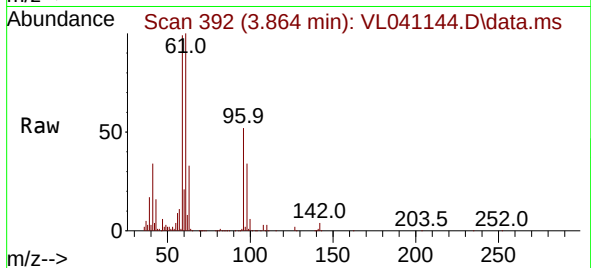
#17
tert-Butyl alcohol
Concen: 10.146 ppbv
RT: 3.864 min Scan# 392
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 59 Resp: 130047
Ion Ratio Lower Upper
59 100
57 11.1 8.7 13.1

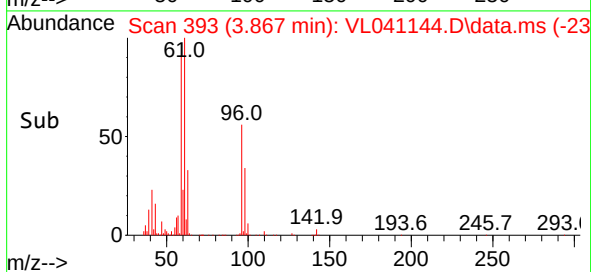
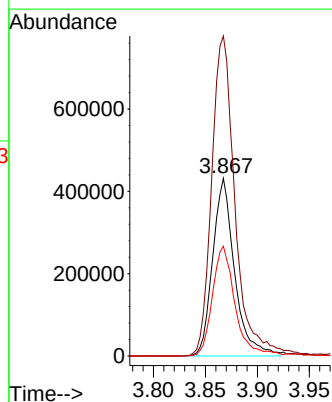
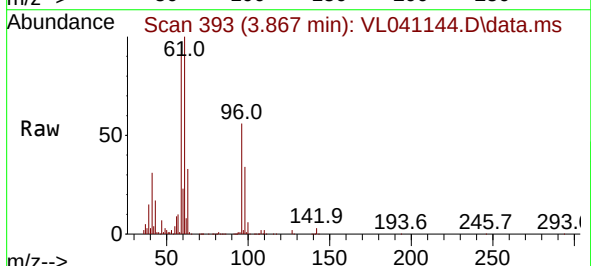
Manual Integrations
APPROVED

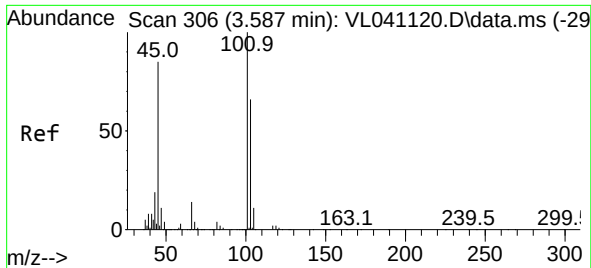
Reviewed By :Semsettin Yesilyurt 04/09/2024
Supervised By :Mahesh Dadoda 04/09/2024



#18
1,1-Dichloroethene
Concen: 10.090 ppbv
RT: 3.867 min Scan# 393
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27

Tgt Ion: 96 Resp: 632153
Ion Ratio Lower Upper
96 100
61 180.1 152.6 228.8
98 61.8 54.0 81.0





#19

Isopropyl Alcohol

Concen: 10.072 ppbv

RT: 3.562 min Scan# 29

Delta R.T. 0.000 min

Lab File: VL041144.D

Acq: 8 Apr 2024 10:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 45 Resp: 86602

Ion Ratio Lower Upper

45 100

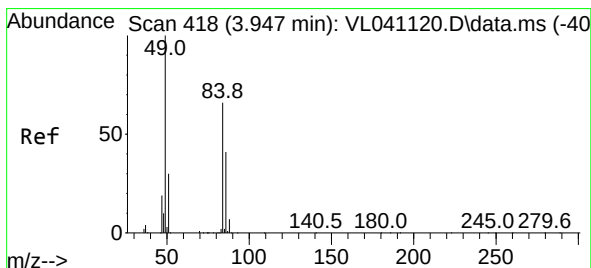
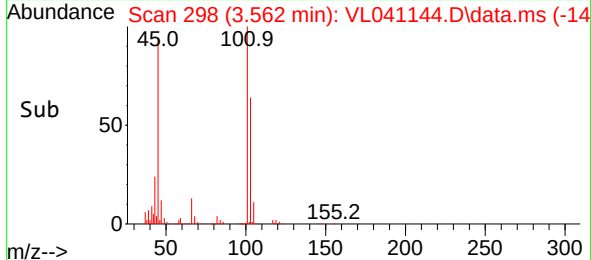
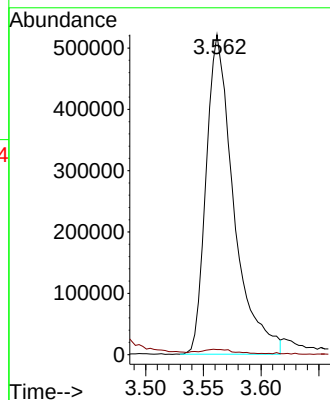
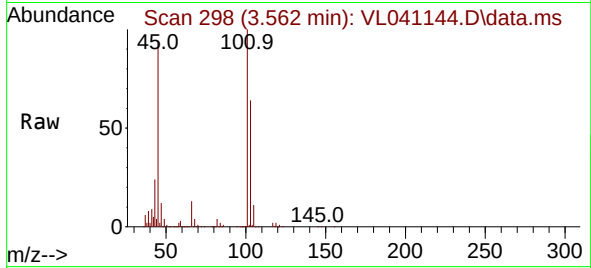
58 1.7 2.8 4.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/09/2024

Supervised By :Mahesh Dadoda 04/09/2024



#20

Methylene Chloride

Concen: 9.023 ppbv

RT: 3.919 min Scan# 409

Delta R.T. 0.000 min

Lab File: VL041144.D

Acq: 8 Apr 2024 10:27

Tgt Ion: 84 Resp: 526692

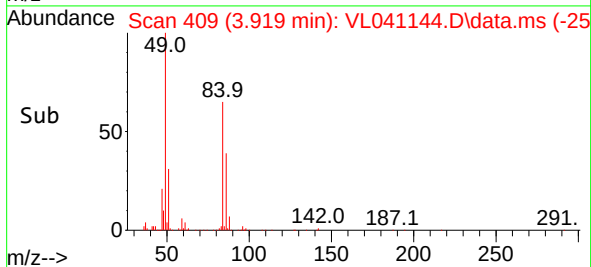
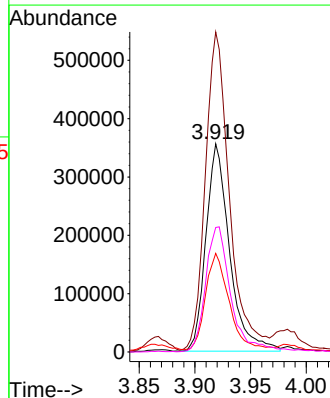
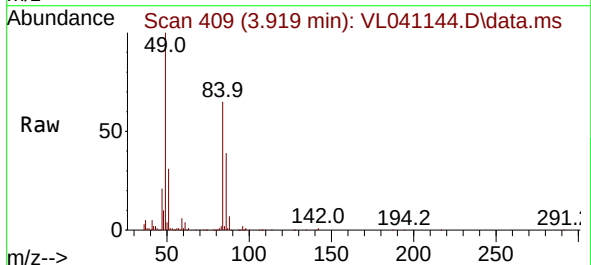
Ion Ratio Lower Upper

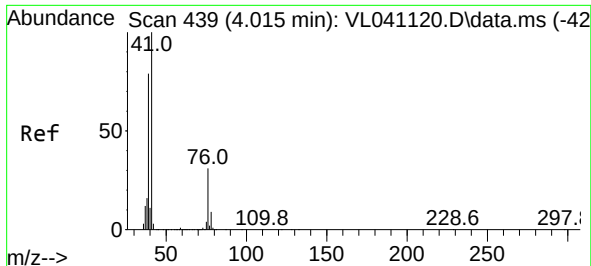
84 100

49 153.4 120.7 181.1

51 46.3 36.6 54.8

86 59.9 49.2 73.8





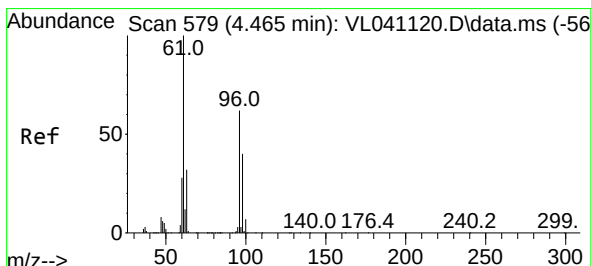
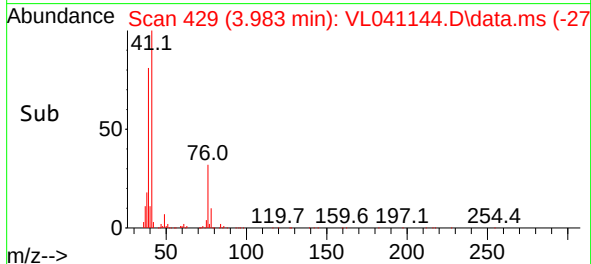
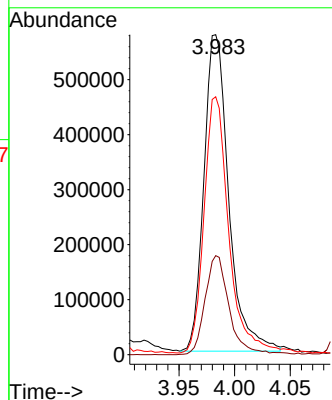
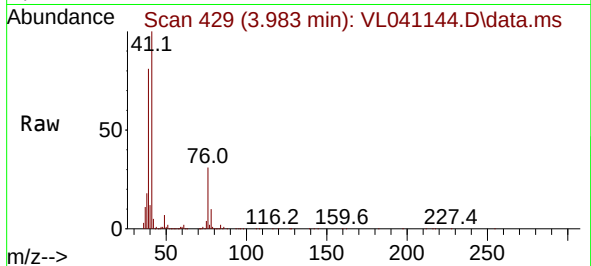
#21
 Allyl Chloride
 Concen: 10.364 ppbv
 RT: 3.983 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL041144.D
 Acq: 8 Apr 2024 10:27

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 41 Resp: 893772
 Ion Ratio Lower Upper
 41 100
 76 30.6 25.7 38.5
 39 82.7 65.7 98.5

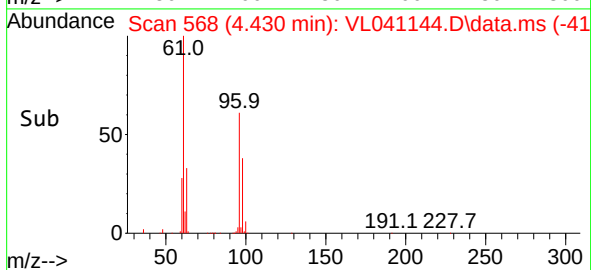
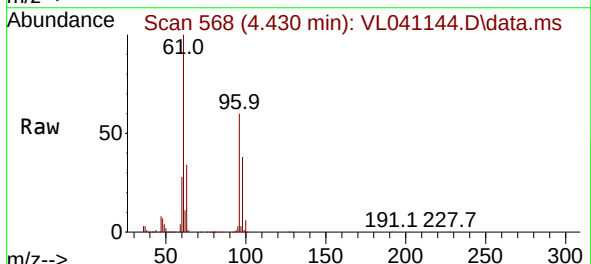
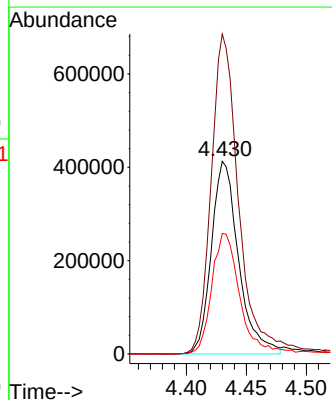
Manual Integrations
 APPROVED

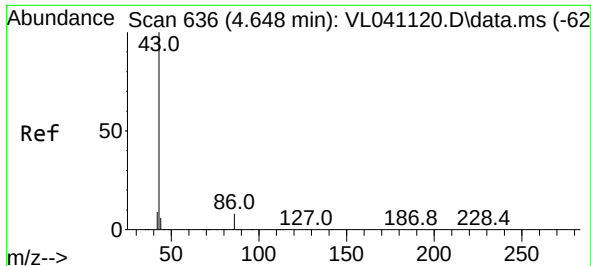
Reviewed By :Semsettin Yesilyurt 04/09/2024
 Supervised By :Mahesh Dadoda 04/09/2024



#22
 trans-1,2-Dichloroethene
 Concen: 9.920 ppbv
 RT: 4.430 min Scan# 568
 Delta R.T. 0.000 min
 Lab File: VL041144.D
 Acq: 8 Apr 2024 10:27

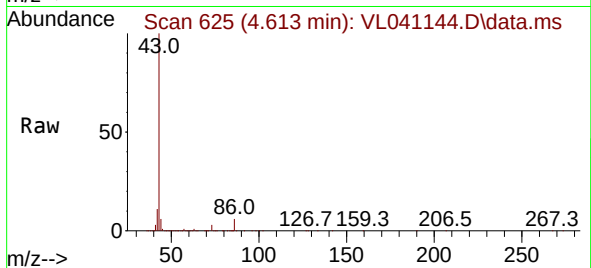
Tgt Ion: 96 Resp: 651550
 Ion Ratio Lower Upper
 96 100
 61 166.0 128.4 192.6
 98 62.5 51.5 77.3





#23
 Vinyl Acetate
 Concen: 11.132 ppbv
 RT: 4.613 min Scan# 610
 Delta R.T. 0.000 min
 Lab File: VL041144.D
 Acq: 8 Apr 2024 10:27

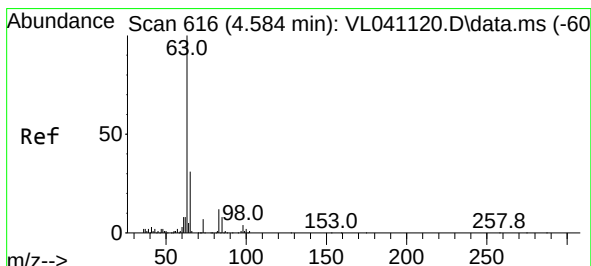
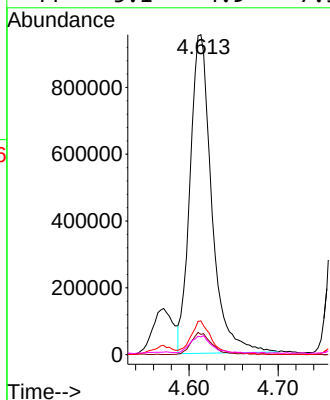
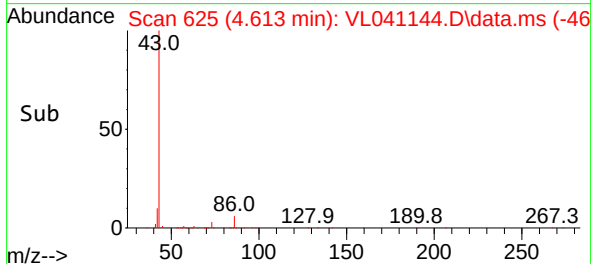
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



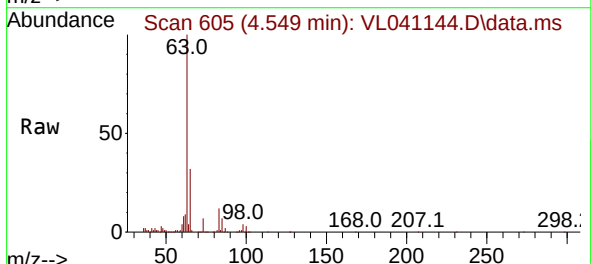
Tgt Ion: 43 Resp: 160946
 Ion Ratio Lower Upper
 43 100
 86 6.3 6.2 9.4
 42 10.5 7.7 11.5
 44 5.1 4.9 7.3

Manual Integrations
 APPROVED

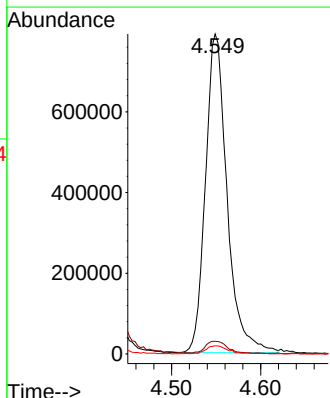
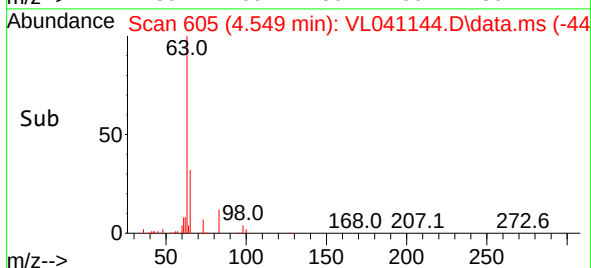
Reviewed By :Semsettin Yesilyurt 04/09/2024
 Supervised By :Mahesh Dadoda 04/09/2024

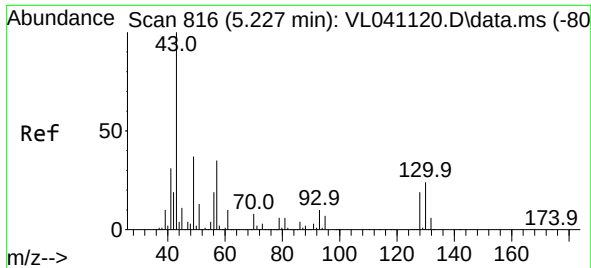


#24
 1,1-Dichloroethane
 Concen: 10.106 ppbv
 RT: 4.549 min Scan# 605
 Delta R.T. 0.000 min
 Lab File: VL041144.D
 Acq: 8 Apr 2024 10:27



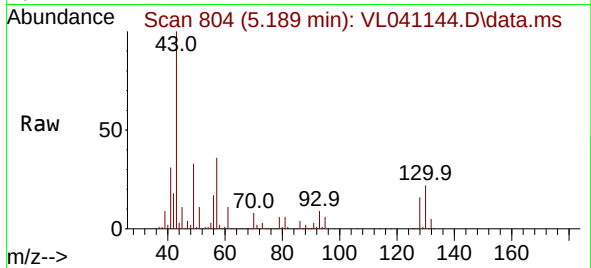
Tgt Ion: 63 Resp: 1329528
 Ion Ratio Lower Upper
 63 100
 98 3.7 2.1 6.3
 100 2.5 1.1 3.3





#25
Ethyl Acetate
Concen: 10.238 ppbv
RT: 5.189 min Scan# 804
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27

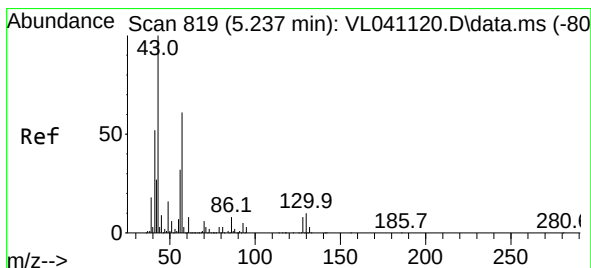
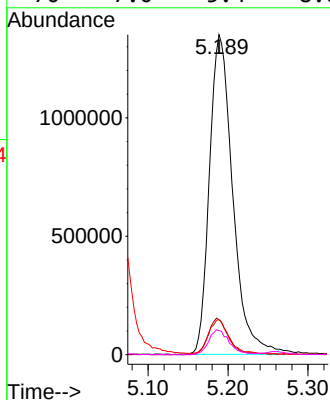
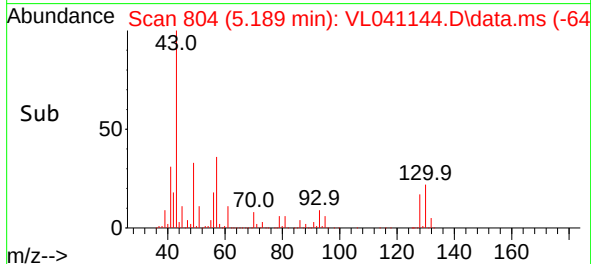
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



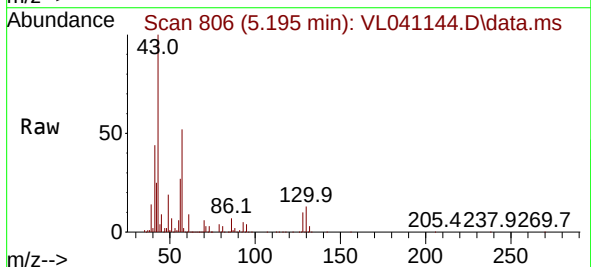
Tgt Ion: 43 Resp: 2721254
Ion Ratio Lower Upper
43 100
45 10.4 8.0 12.0
61 9.8 7.8 11.6
70 7.0 5.4 8.0

Manual Integrations
APPROVED

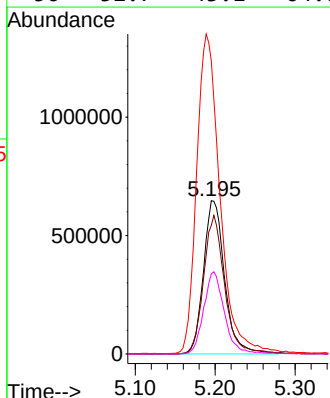
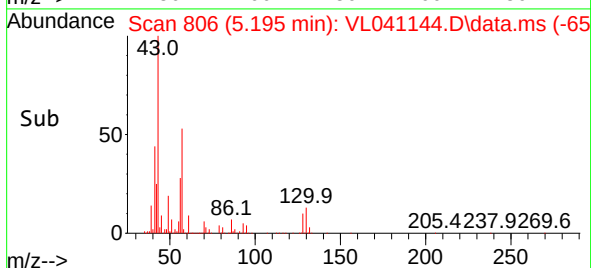
Reviewed By :Semsettin Yesilyurt 04/09/2024
Supervised By :Mahesh Dadoda 04/09/2024

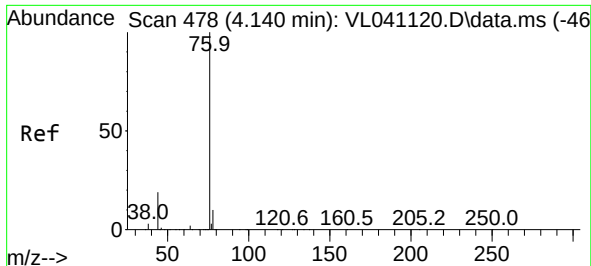


#26
Hexane
Concen: 10.002 ppbv
RT: 5.195 min Scan# 806
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27



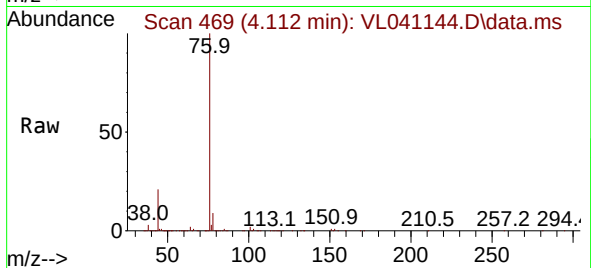
Tgt Ion: 57 Resp: 1192930
Ion Ratio Lower Upper
57 100
41 90.2 73.8 110.8
43 231.5 186.2 279.2
56 52.7 43.1 64.7





#27
Carbon Disulfide
Concen: 10.507 ppbv
RT: 4.112 min Scan# 40
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27

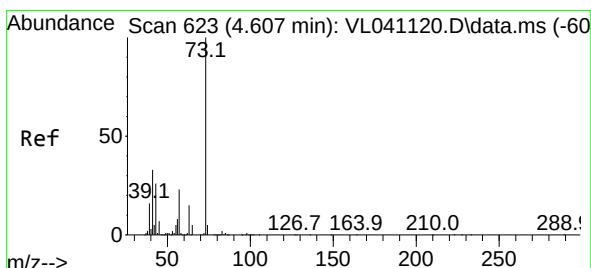
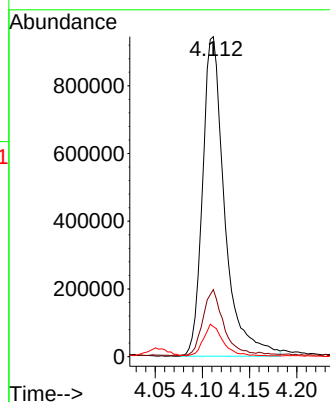
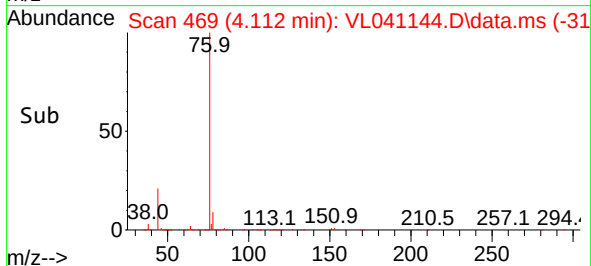
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



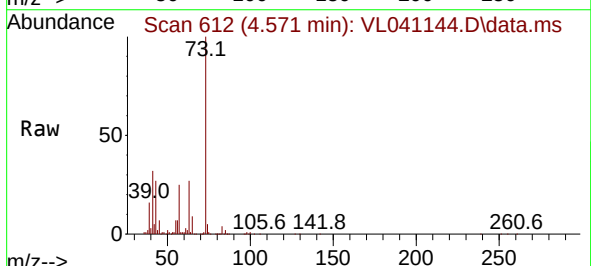
Tgt Ion: 76 Resp: 153544
Ion Ratio Lower Upper
76 100
44 20.2 16.3 24.5
78 9.6 7.9 11.9

Manual Integrations
APPROVED

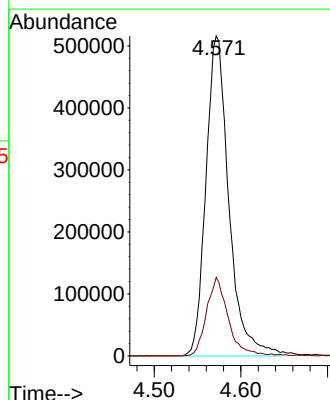
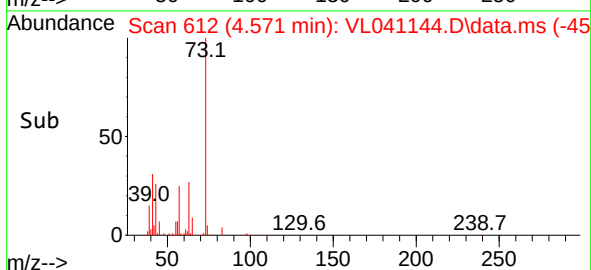
Reviewed By :Semsettin Yesilyurt 04/09/2024
Supervised By :Mahesh Dadoda 04/09/2024

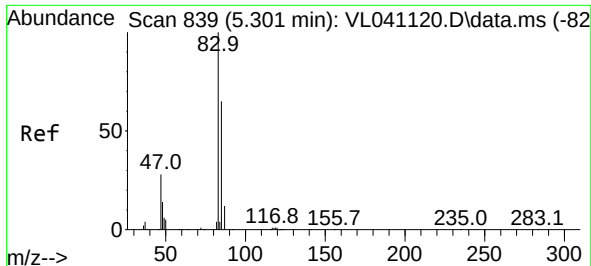


#28
Methyl tert-Butyl Ether
Concen: 10.548 ppbv
RT: 4.571 min Scan# 612
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27



Tgt Ion: 73 Resp: 949320
Ion Ratio Lower Upper
73 100
57 23.7 18.6 27.8





#29

Chloroform

Concen: 9.638 ppbv

RT: 5.259 min Scan# 81

Delta R.T. 0.000 min

Lab File: VL041144.D

Acq: 8 Apr 2024 10:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 193768

Ion Ratio Lower Upper

83 100

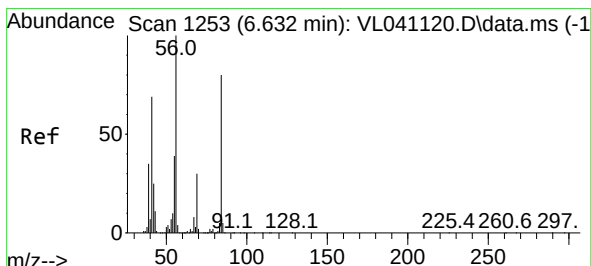
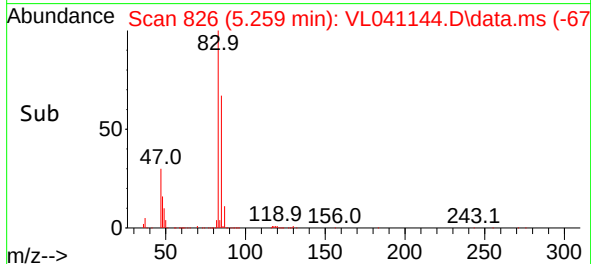
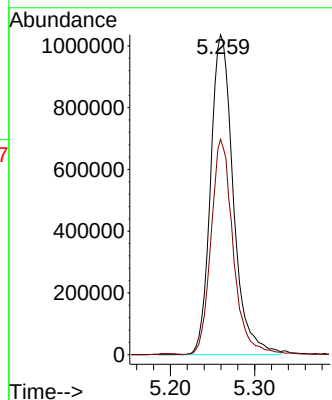
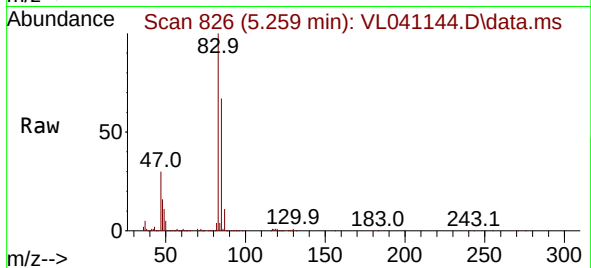
85 67.1 51.5 77.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/09/2024

Supervised By :Mahesh Dadoda 04/09/2024



#30

Cyclohexane

Concen: 10.647 ppbv

RT: 6.584 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VL041144.D

Acq: 8 Apr 2024 10:27

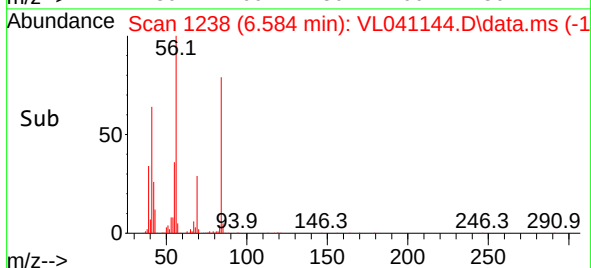
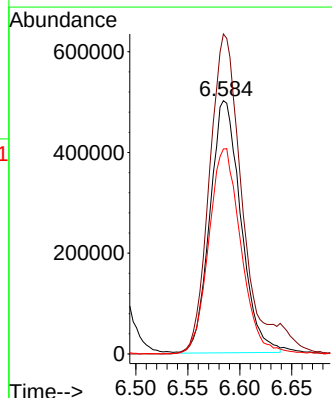
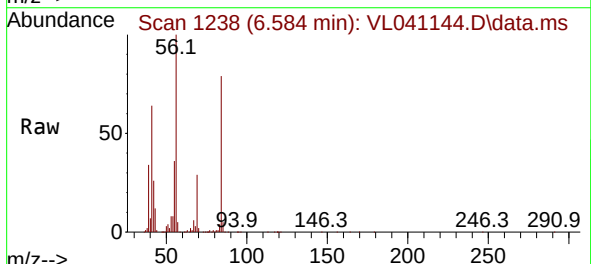
Tgt Ion: 84 Resp: 1034370

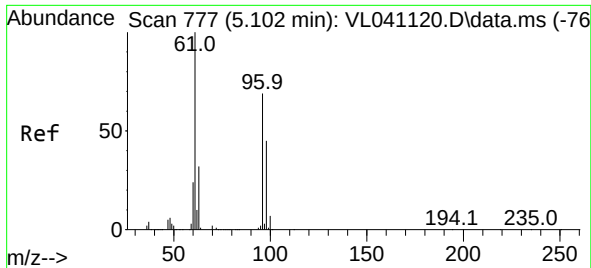
Ion Ratio Lower Upper

84 100

56 138.1 111.9 167.9

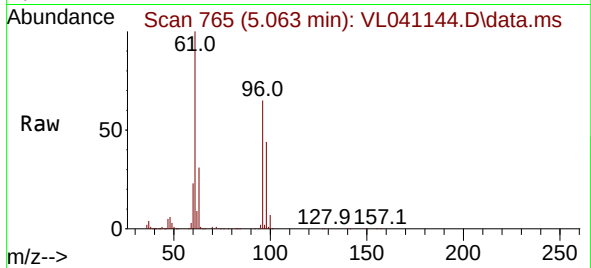
41 84.8 71.0 106.6





#31
cis-1,2-Dichloroethene
Concen: 9.716 ppbv
RT: 5.063 min Scan# 70
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27

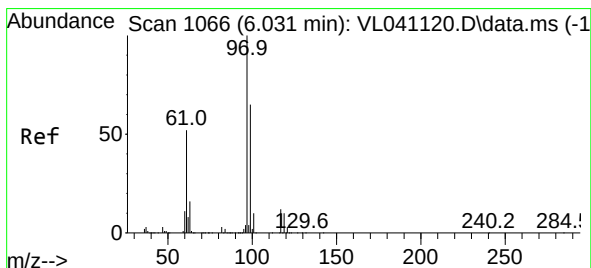
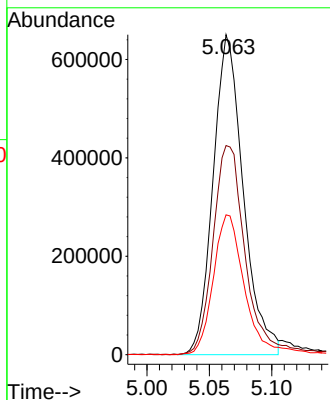
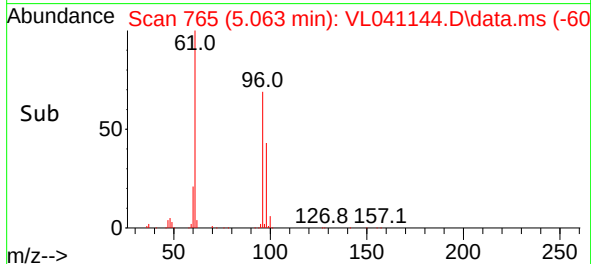
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



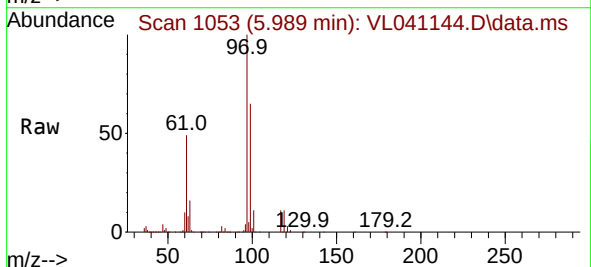
Tgt Ion: 61 Resp: 109682
Ion Ratio Lower Upper
61 100
96 65.3 54.9 82.3
98 43.6 35.9 53.9

Manual Integrations
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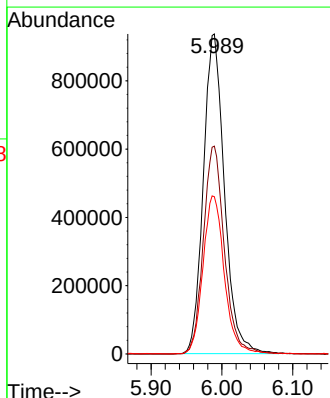
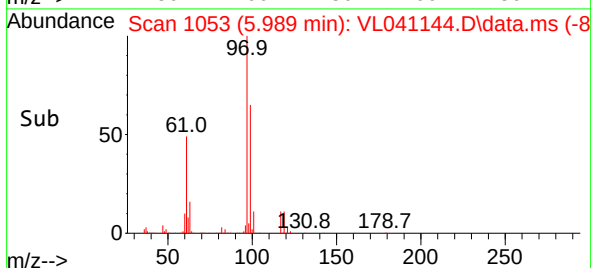
Reviewed By :Semsettin Yesilyurt 04/09/2024
Supervised By :Mahesh Dadoda 04/09/2024

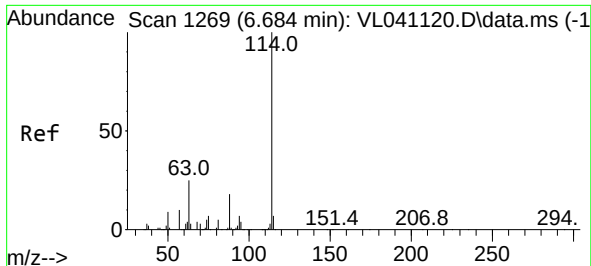


#32
1,1,1-Trichloroethane
Concen: 10.402 ppbv
RT: 5.989 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27



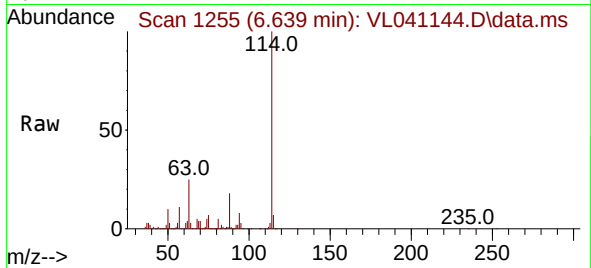
Tgt Ion: 97 Resp: 1933241
Ion Ratio Lower Upper
97 100
99 65.1 52.0 78.0
61 50.5 40.5 60.7





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.639 min Scan# 114
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27

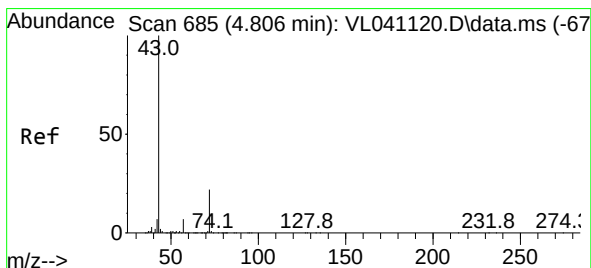
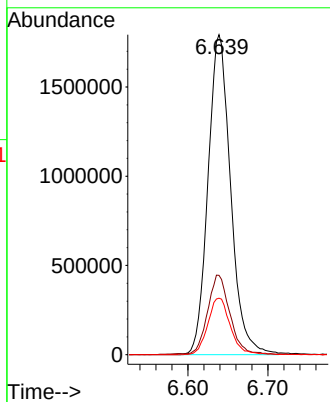
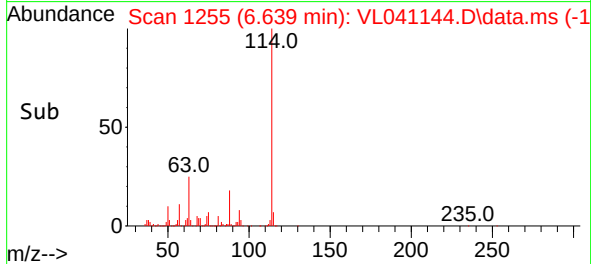
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



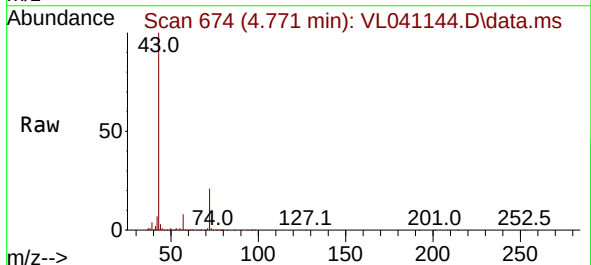
Tgt Ion:114 Resp: 3521660
Ion Ratio Lower Upper
114 100
63 25.0 20.9 31.3
88 17.7 14.5 21.7

Manual Integrations
APPROVED

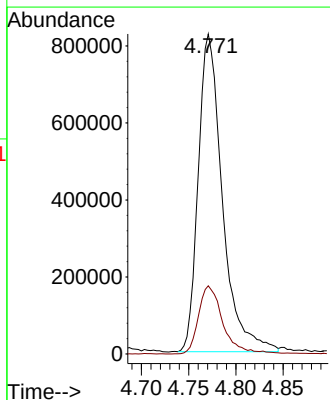
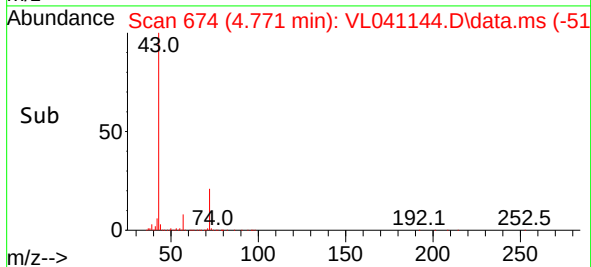
Reviewed By :Semsettin Yesilyurt 04/09/2024
Supervised By :Mahesh Dadoda 04/09/2024

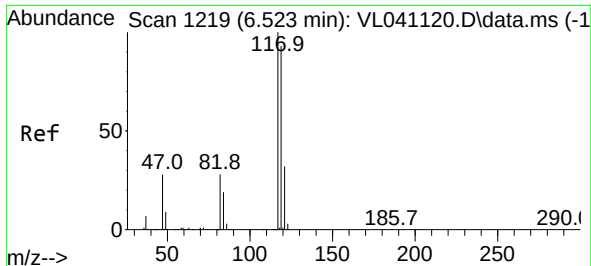


#34
2-Butanone
Concen: 9.845 ppbv
RT: 4.771 min Scan# 674
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27



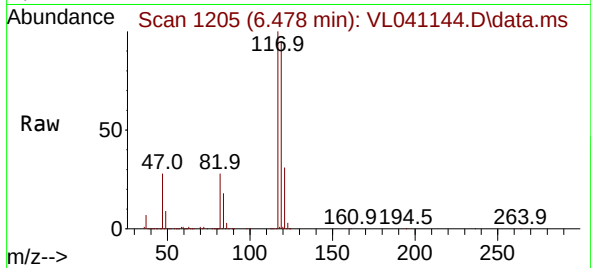
Tgt Ion: 43 Resp: 1467156
Ion Ratio Lower Upper
43 100
72 21.9 17.6 26.4





#35
Carbon Tetrachloride
Concen: 10.291 ppbv
RT: 6.478 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27

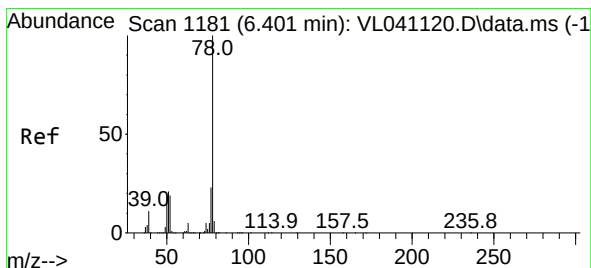
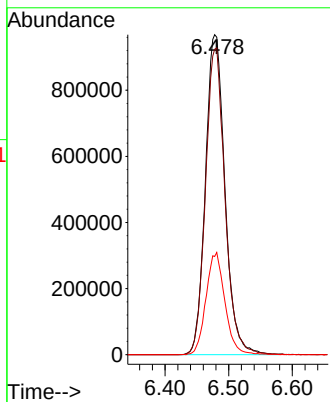
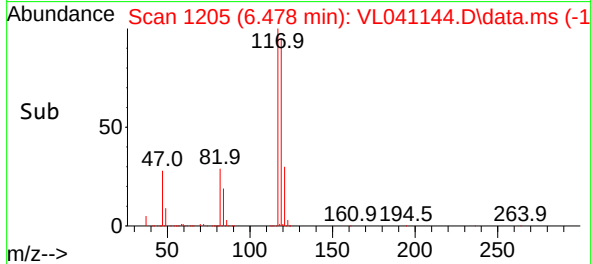
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 117 Resp: 206339
Ion Ratio Lower Upper
117 100
119 95.4 74.2 111.4
121 30.7 25.4 38.2

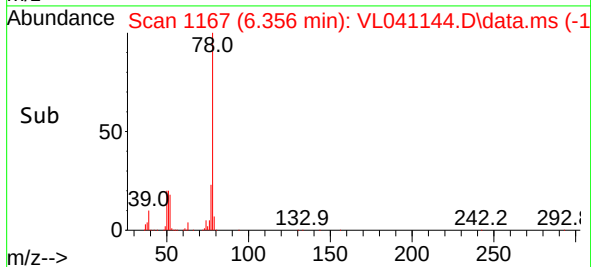
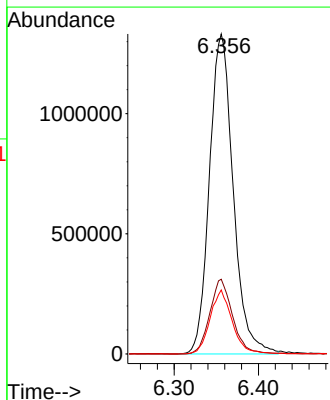
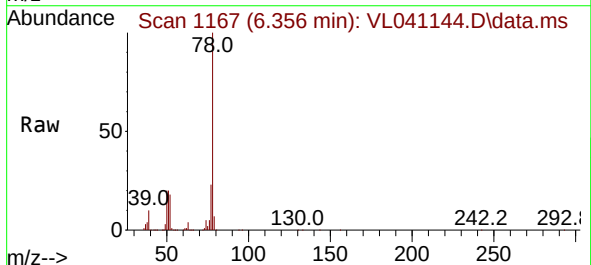
Manual Integrations
APPROVED

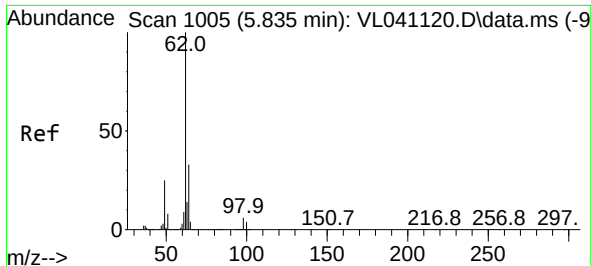
Reviewed By :Semsettin Yesilyurt 04/09/2024
Supervised By :Mahesh Dadoda 04/09/2024



#36
Benzene
Concen: 10.084 ppbv
RT: 6.356 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27

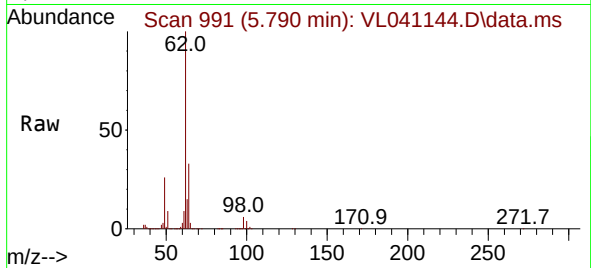
Tgt Ion: 78 Resp: 2607721
Ion Ratio Lower Upper
78 100
77 23.4 18.2 27.4
50 20.0 15.4 23.2





#37
1,2-Dichloroethane
Concen: 9.606 ppbv
RT: 5.790 min Scan# 91
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27

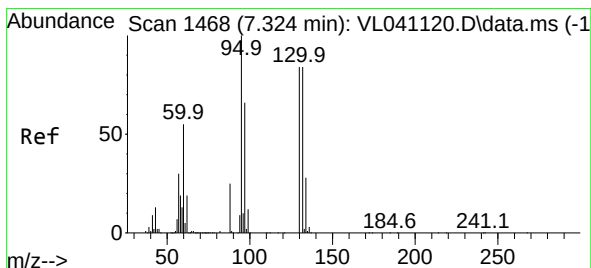
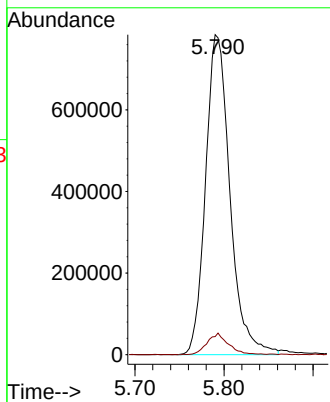
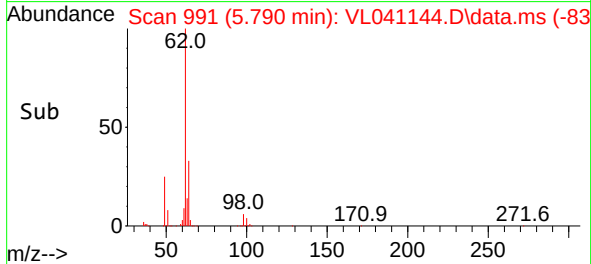
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



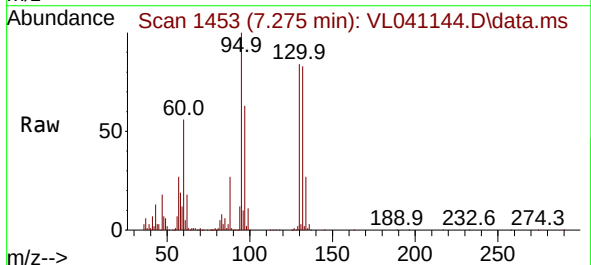
Tgt Ion: 62 Resp: 149156
Ion Ratio Lower Upper
62 100
98 6.1 4.6 7.0

Manual Integrations
APPROVED

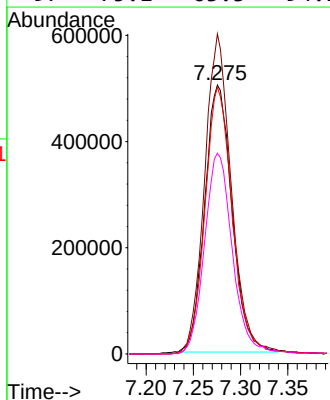
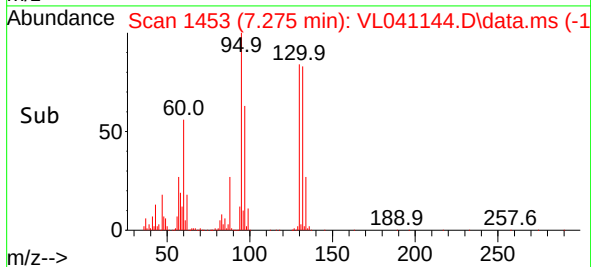
Reviewed By :Semsettin Yesilyurt 04/09/2024
Supervised By :Mahesh Dadoda 04/09/2024

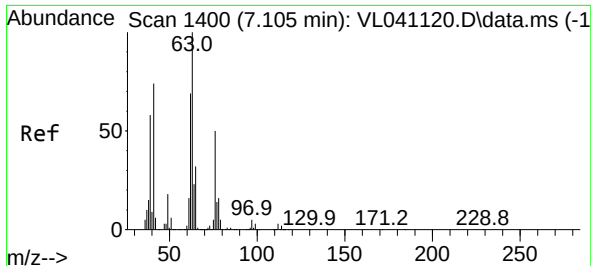


#38
Trichloroethene
Concen: 10.836 ppbv
RT: 7.275 min Scan# 1453
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27



Tgt Ion:130 Resp: 1012436
Ion Ratio Lower Upper
130 100
95 119.2 95.4 143.0
132 99.7 80.0 120.0
97 75.1 63.3 94.9





#39

1,2-Dichloropropane

Concen: 9.875 ppbv

RT: 7.060 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL041144.D

Acq: 8 Apr 2024 10:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 63 Resp: 1006962

Ion Ratio Lower Upper

63 100

41 72.2 58.7 88.1

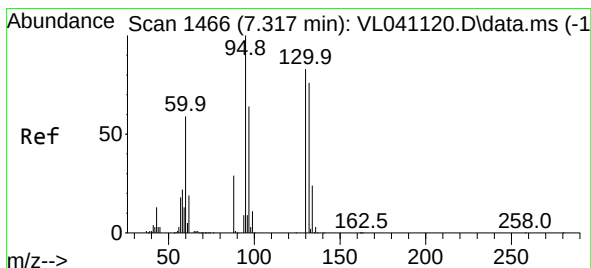
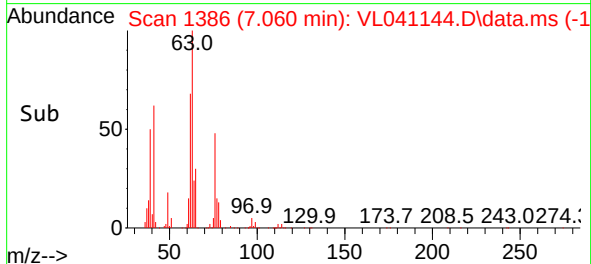
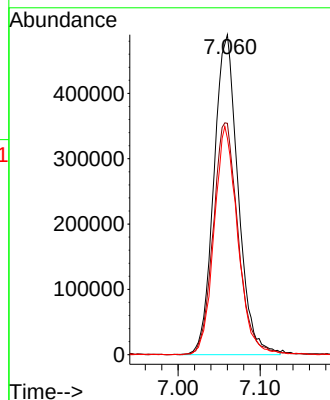
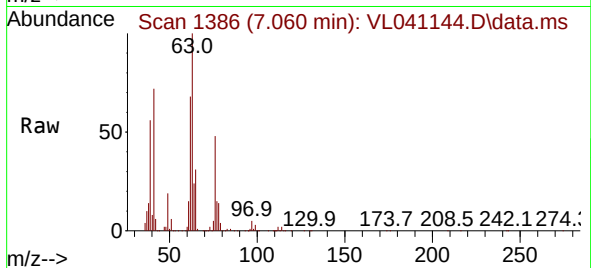
62 67.7 55.5 83.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/09/2024

Supervised By :Mahesh Dadoda 04/09/2024



#40

1,4-Dioxane

Concen: 10.483 ppbv

RT: 7.272 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VL041144.D

Acq: 8 Apr 2024 10:27

Tgt Ion: 88 Resp: 372530

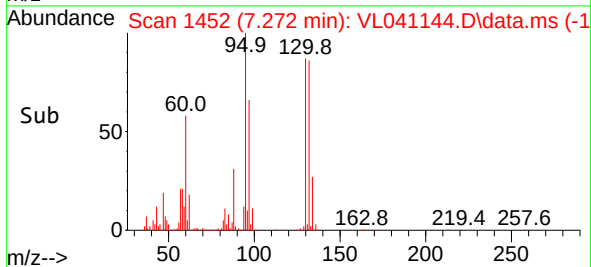
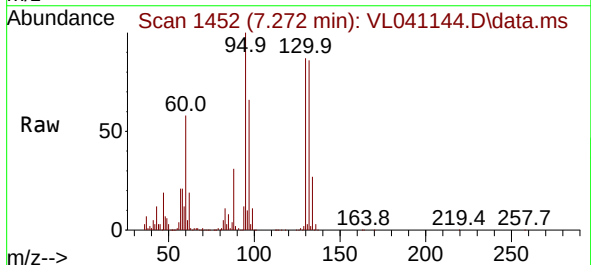
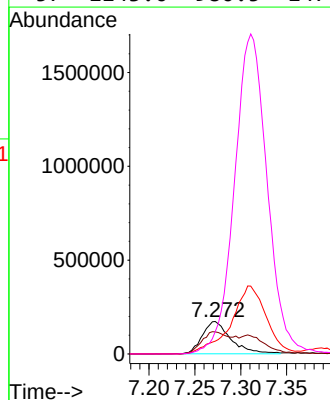
Ion Ratio Lower Upper

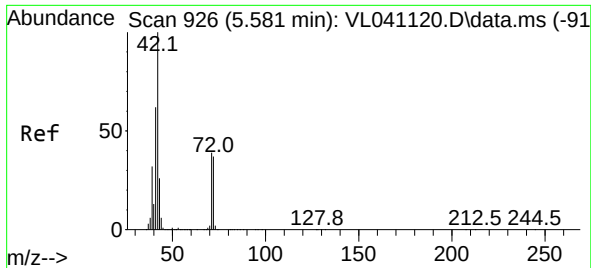
88 100

58 126.7 107.8 161.6

43 257.9 223.8 335.6

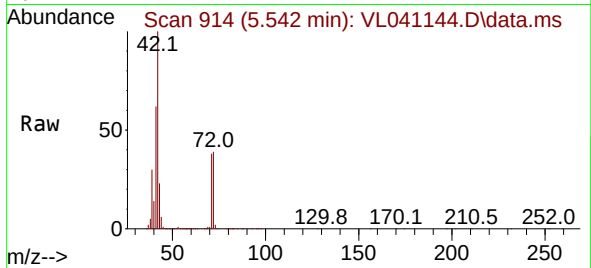
57 1143.0 980.5 1470.7





#41
Tetrahydrofuran
Concen: 10.476 ppbv
RT: 5.542 min Scan# 914
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27

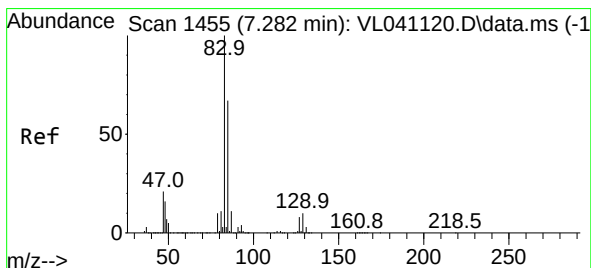
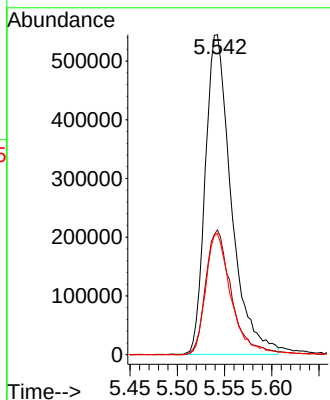
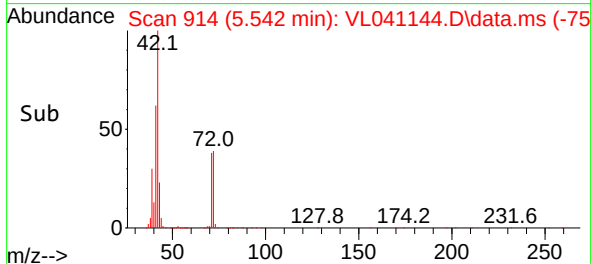
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



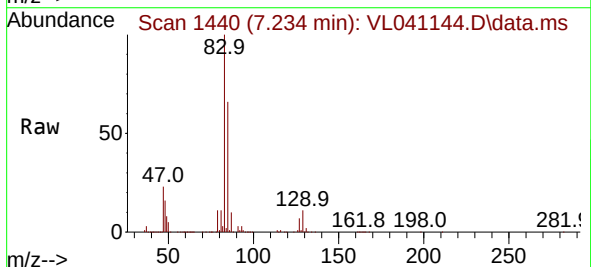
Tgt Ion: 42 Resp: 1039472
Ion Ratio Lower Upper
42 100
72 39.4 31.2 46.8
71 37.9 29.9 44.9

Manual Integrations
APPROVED

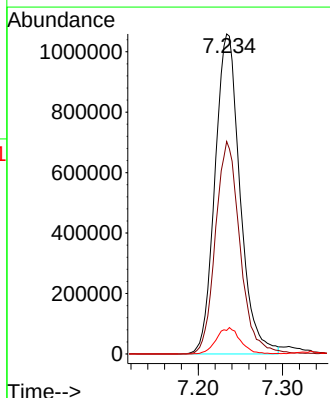
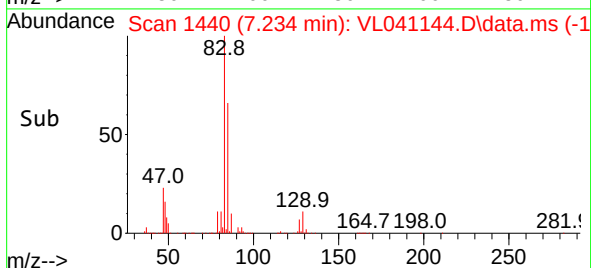
Reviewed By :Semsettin Yesilyurt 04/09/2024
Supervised By :Mahesh Dadoda 04/09/2024

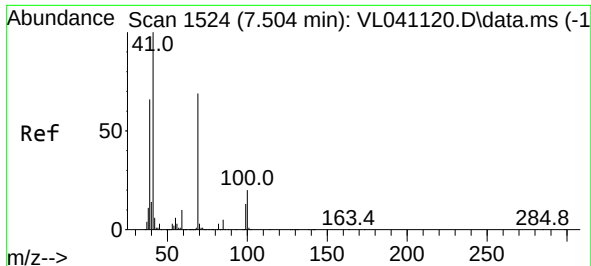


#42
Bromodichloromethane
Concen: 9.841 ppbv
RT: 7.234 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27



Tgt Ion: 83 Resp: 2183073
Ion Ratio Lower Upper
83 100
85 66.4 53.5 80.3
127 7.3 6.2 9.4





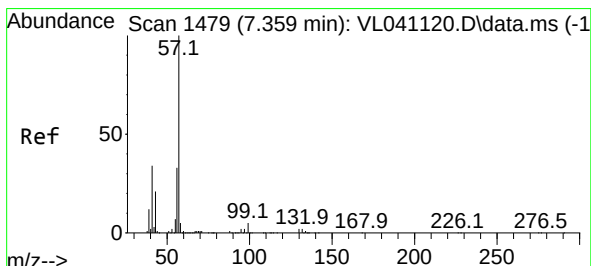
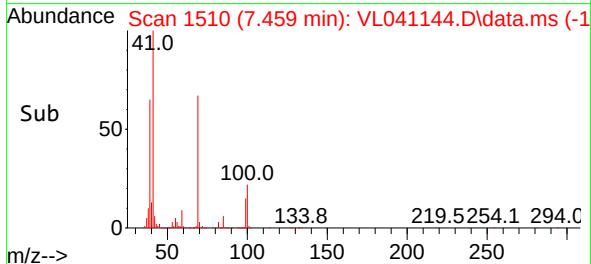
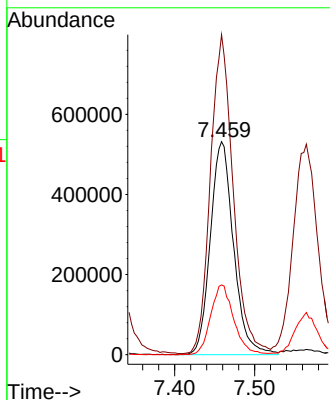
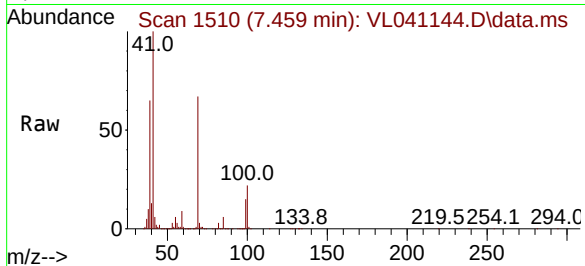
#43
Methyl Methacrylate
Concen: 10.886 ppbv
RT: 7.459 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 69 Resp: 107231
Ion Ratio Lower Upper
69 100
41 147.2 119.2 178.8
100 32.4 24.6 37.0

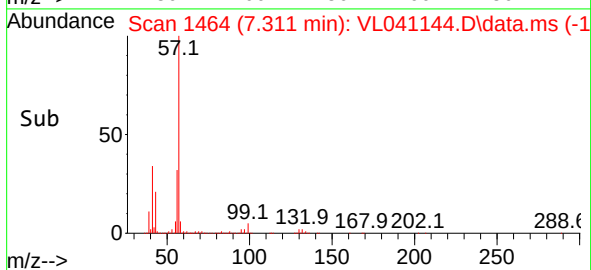
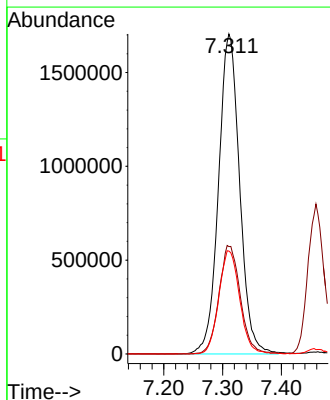
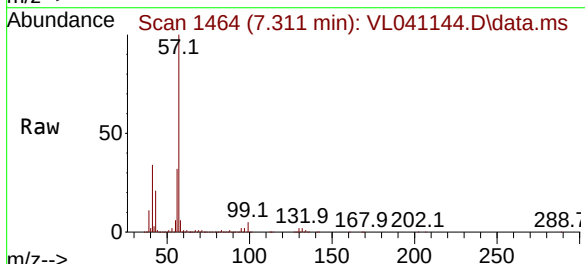
Manual Integrations
APPROVED

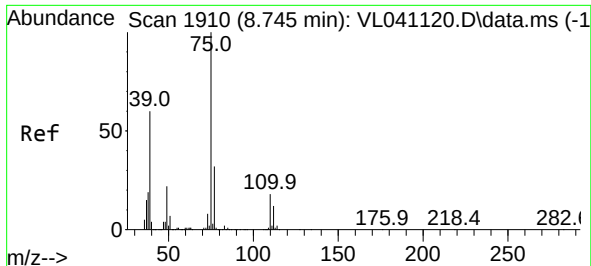
Reviewed By :Semsettin Yesilyurt 04/09/2024
Supervised By :Mahesh Dadoda 04/09/2024



#44
2,2,4-Trimethylpentane
Concen: 9.928 ppbv
RT: 7.311 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27

Tgt Ion: 57 Resp: 4250474
Ion Ratio Lower Upper
57 100
41 34.4 28.2 42.2
56 32.0 25.2 37.8





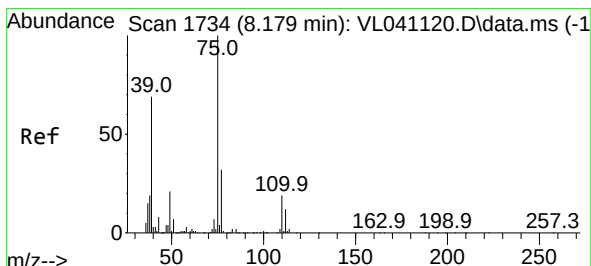
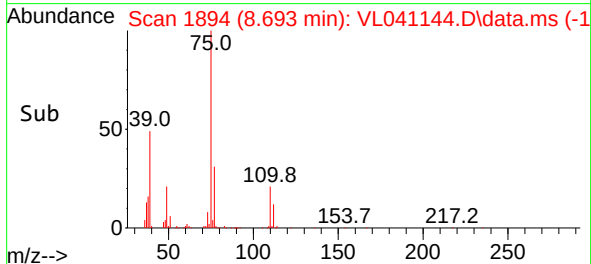
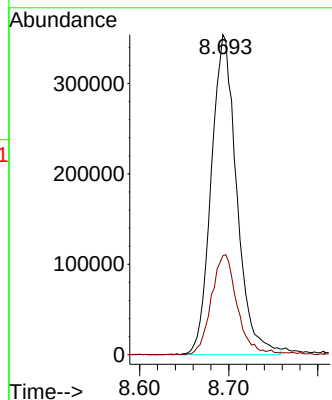
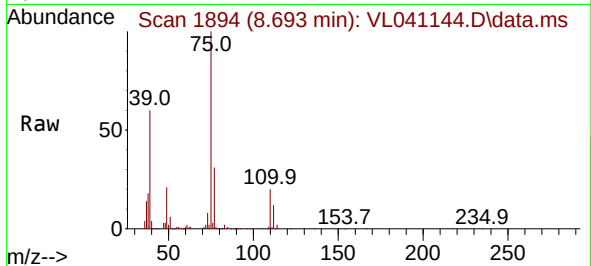
#45
t-1,3-Dichloropropene
Concen: 12.104 ppbv
RT: 8.693 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 75 Resp: 702664
Ion Ratio Lower Upper
75 100
77 31.0 25.4 38.2

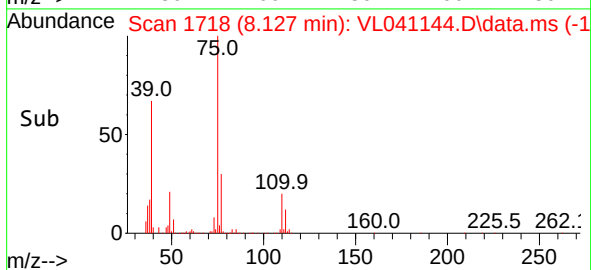
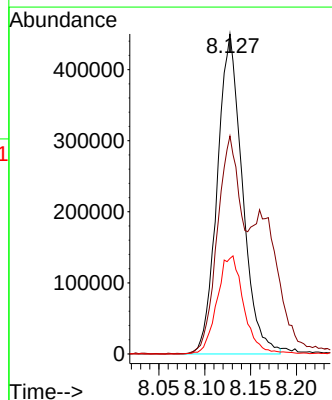
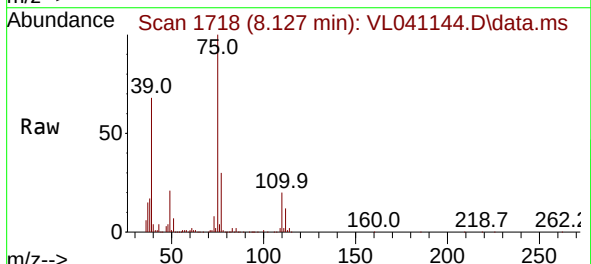
Manual Integrations
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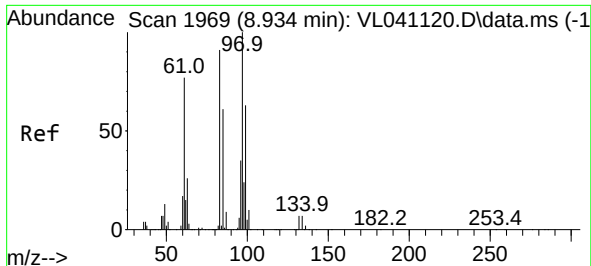
Reviewed By :Semsettin Yesilyurt 04/09/2024
Supervised By :Mahesh Dadoda 04/09/2024



#46
cis-1,3-Dichloropropene
Concen: 11.420 ppbv
RT: 8.127 min Scan# 1718
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27

Tgt Ion: 75 Resp: 857724
Ion Ratio Lower Upper
75 100
39 68.0 55.1 82.7
77 29.8 25.2 37.8





#47

1,1,2-Trichloroethane

Concen: 9.863 ppbv

RT: 8.883 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VL041144.D

Acq: 8 Apr 2024 10:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 97 Resp: 1087000

Ion Ratio Lower Upper

97 100

83 89.9 72.9 109.3

85 60.5 49.1 73.7

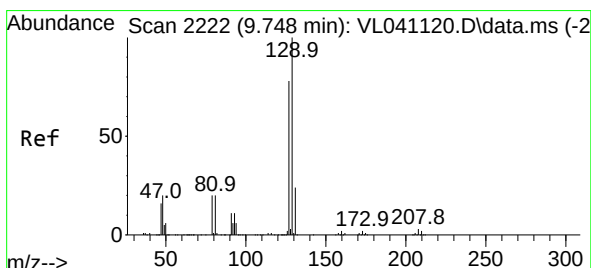
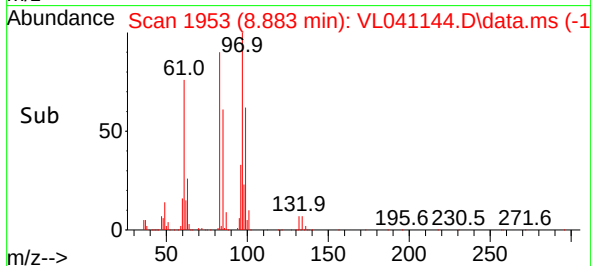
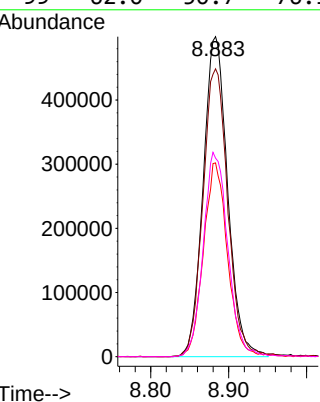
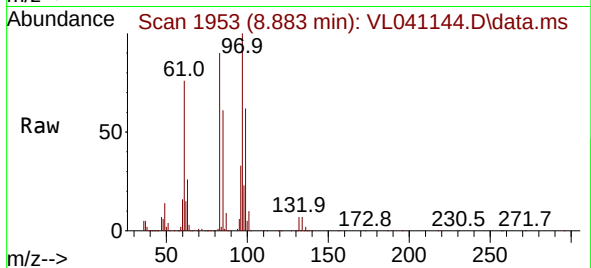
99 62.0 50.7 76.1

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Reviewed By :Semsettin Yesilyurt 04/09/2024

Supervised By :Mahesh Dadoda 04/09/2024



#48

Dibromochloromethane

Concen: 10.855 ppbv

RT: 9.693 min Scan# 2205

Delta R.T. 0.000 min

Lab File: VL041144.D

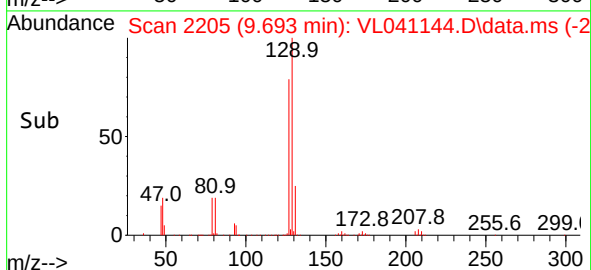
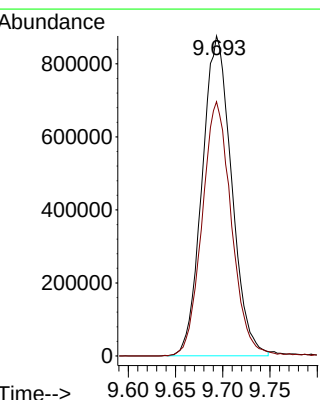
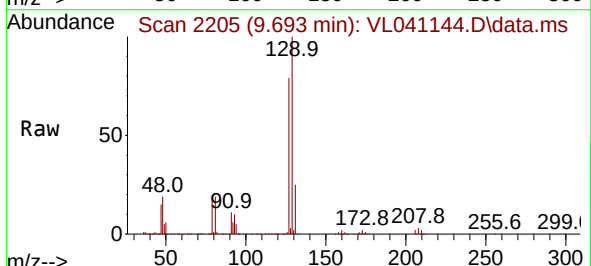
Acq: 8 Apr 2024 10:27

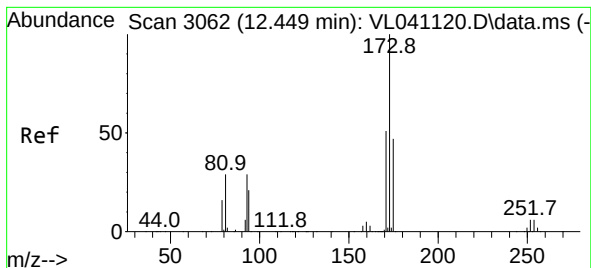
Tgt Ion:129 Resp: 1899001

Ion Ratio Lower Upper

129 100

127 79.8 39.3 117.9





#49

Bromoform

Concen: 11.057 ppbv

RT: 12.391 min Scan# 3062

Delta R.T. 0.000 min

Lab File: VL041144.D

Acq: 8 Apr 2024 10:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:173 Resp: 1532429

Ion Ratio Lower Upper

173 100

175 49.1 39.4 59.0

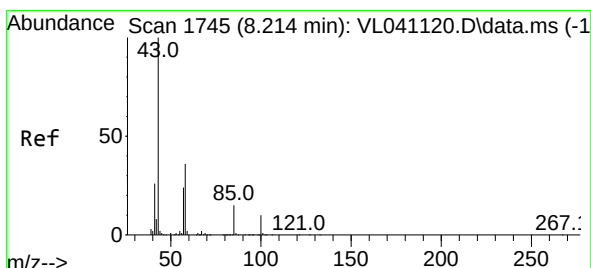
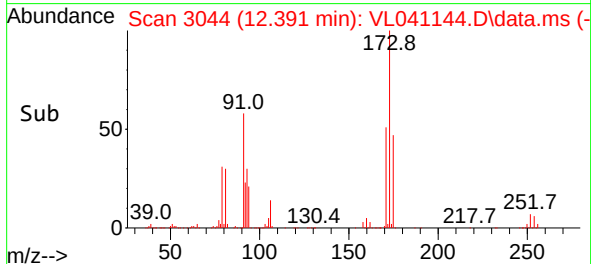
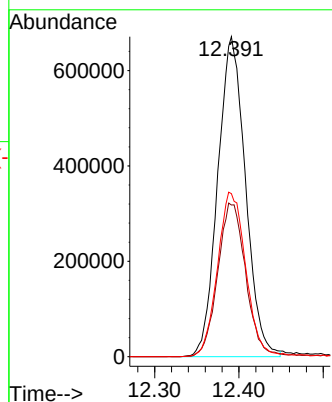
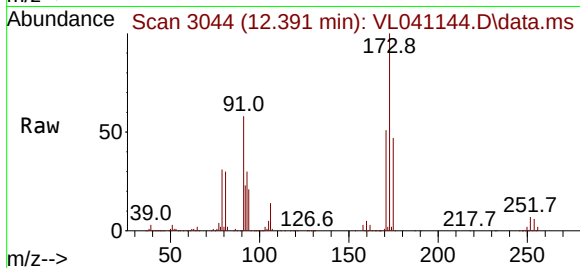
171 53.2 42.9 64.3

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Reviewed By :Semsettin Yesilyurt 04/09/2024

Supervised By :Mahesh Dadoda 04/09/2024



#50

4-Methyl-2-Pentanone

Concen: 10.261 ppbv

RT: 8.163 min Scan# 1729

Delta R.T. 0.000 min

Lab File: VL041144.D

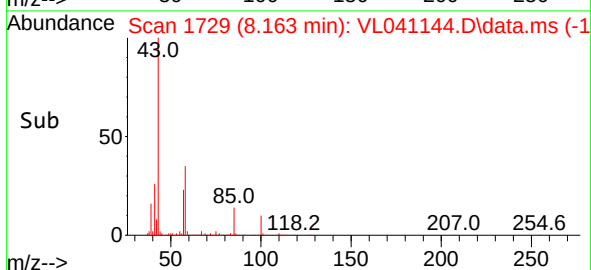
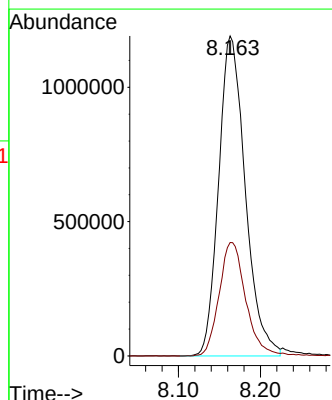
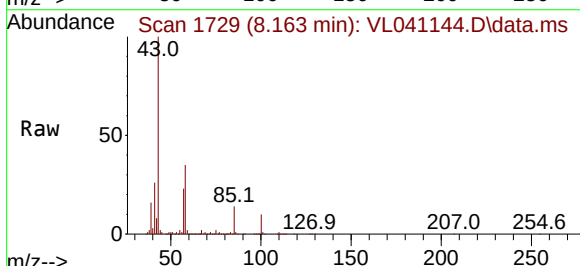
Acq: 8 Apr 2024 10:27

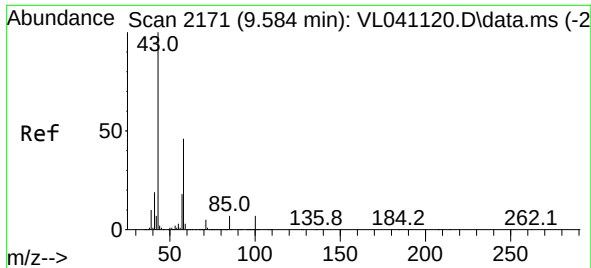
Tgt Ion: 43 Resp: 2690837

Ion Ratio Lower Upper

43 100

58 35.7 27.7 41.5





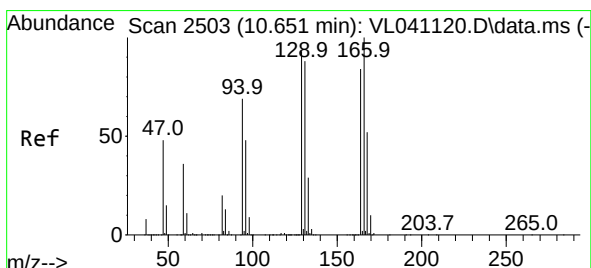
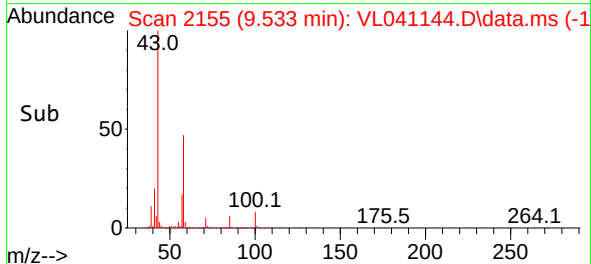
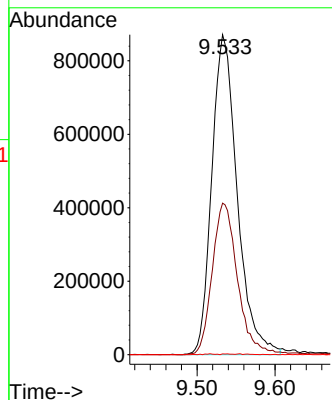
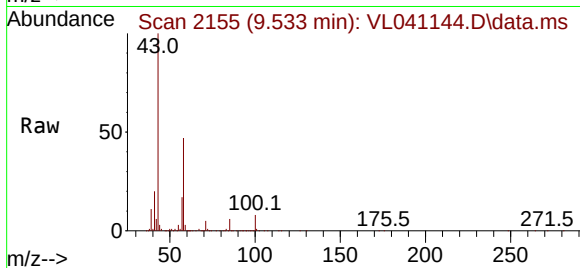
#51
2-Hexanone
Concen: 10.855 ppbv
RT: 9.533 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 197371
Ion Ratio Lower Upper
43 100
58 47.7 37.3 55.9
98 0.3 0.3 0.5

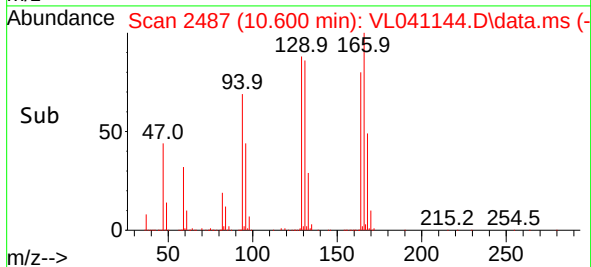
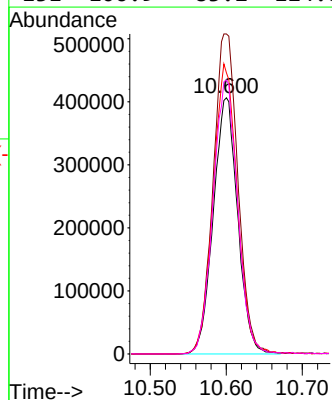
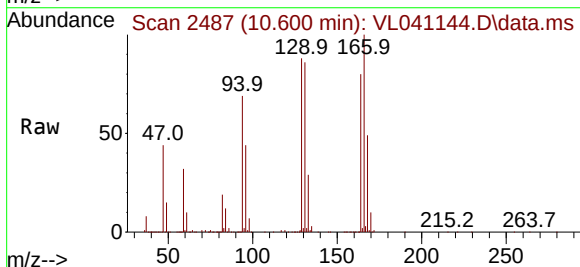
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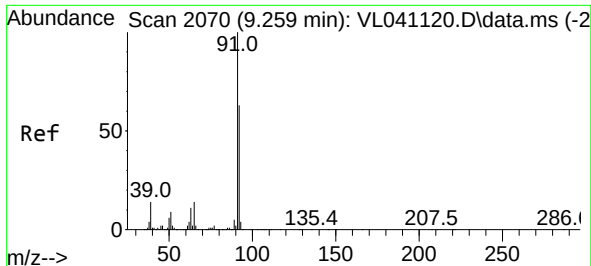
Reviewed By :Semsettin Yesilyurt 04/09/2024
Supervised By :Mahesh Dadoda 04/09/2024



#52
Tetrachloroethene
Concen: 10.939 ppbv
RT: 10.600 min Scan# 2487
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27

Tgt Ion:164 Resp: 902648
Ion Ratio Lower Upper
164 100
166 124.9 95.0 142.6
129 109.7 88.7 133.1
131 106.9 83.2 124.8





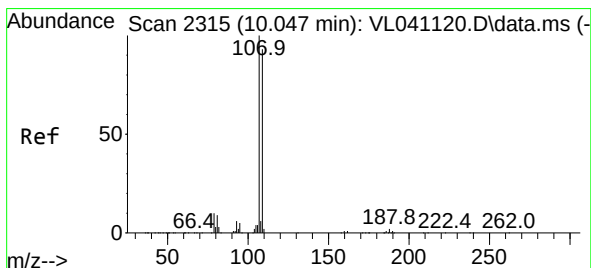
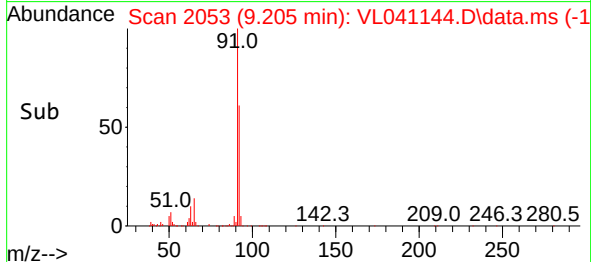
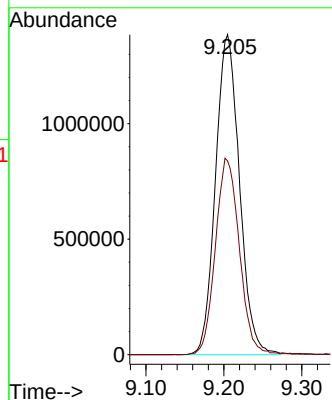
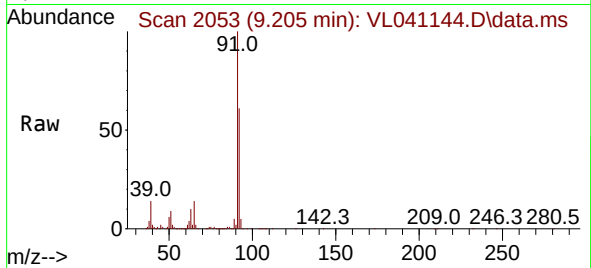
#53
Toluene
Concen: 10.875 ppbv
RT: 9.205 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 2961319
Ion Ratio Lower Upper
91 100
92 61.6 49.0 73.4

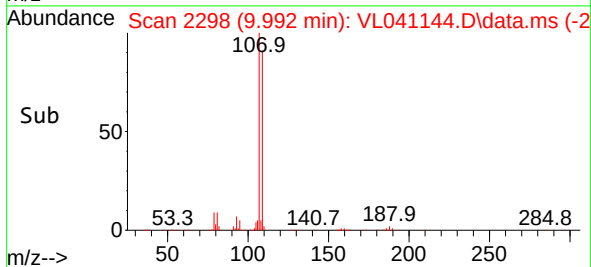
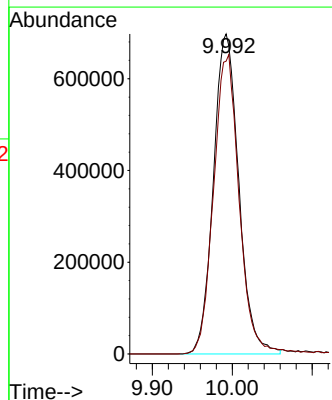
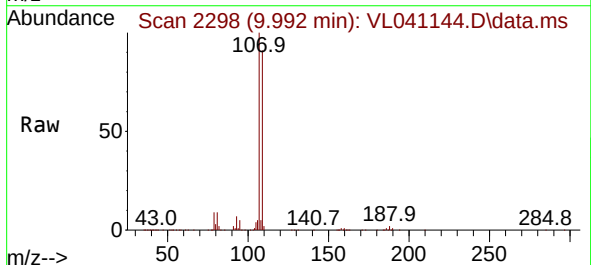
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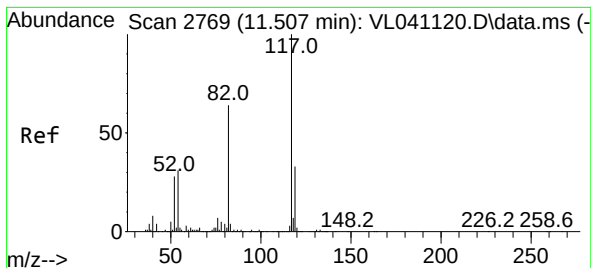
Reviewed By :Semsettin Yesilyurt 04/09/2024
Supervised By :Mahesh Dadoda 04/09/2024



#54
1,2-Dibromoethane
Concen: 11.187 ppbv
RT: 9.992 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27

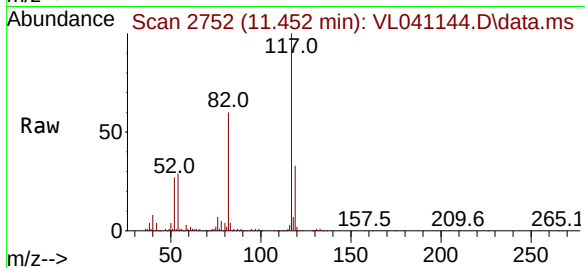
Tgt Ion:107 Resp: 1537567
Ion Ratio Lower Upper
107 100
109 91.5 74.3 111.5





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.452 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27

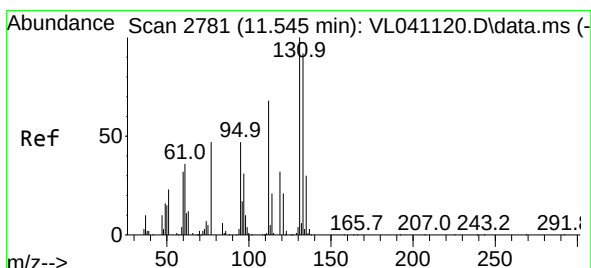
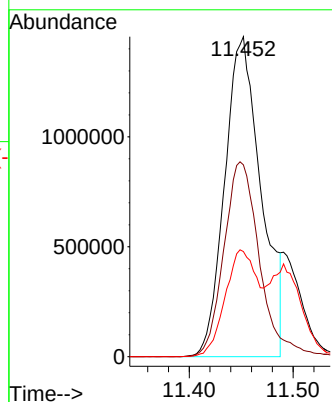
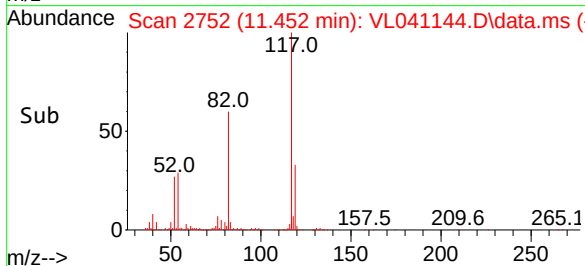
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



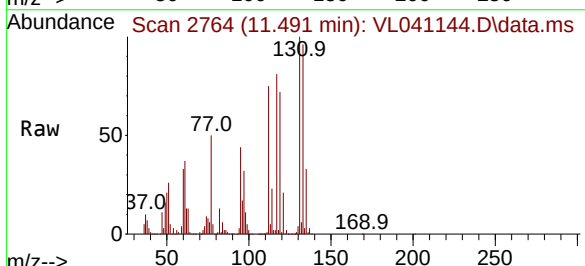
Tgt Ion:117 Resp: 3554339
Ion Ratio Lower Upper
117 100
82 60.3 51.0 76.6
119 30.0 25.2 37.8

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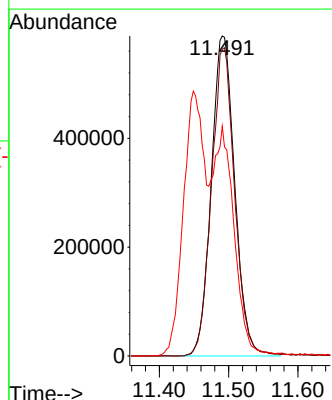
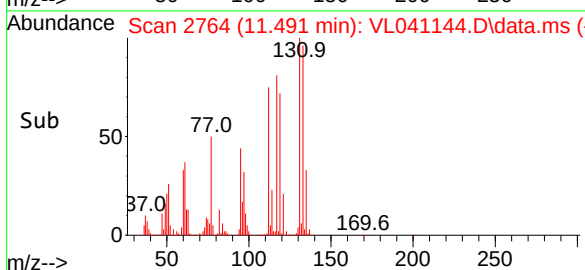
Reviewed By :Semsettin Yesilyurt 04/09/2024
Supervised By :Mahesh Dadoda 04/09/2024

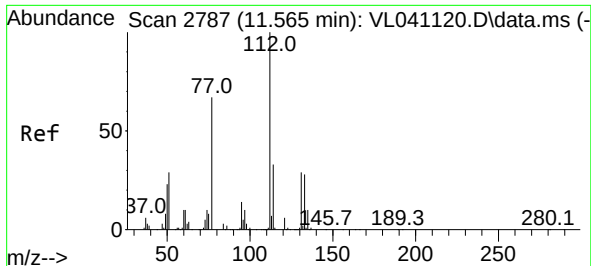


#56
1,1,1,2-Tetrachloroethane
Concen: 9.484 ppbv
RT: 11.491 min Scan# 2764
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27



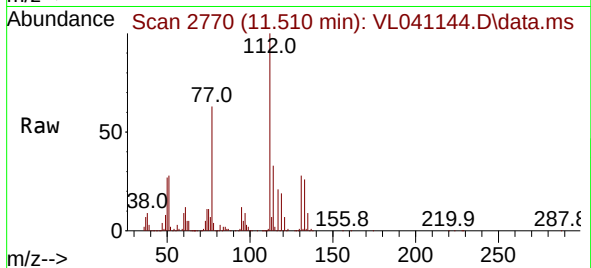
Tgt Ion:131 Resp: 1385353
Ion Ratio Lower Upper
131 100
133 95.4 76.6 115.0
119 64.9 49.9 74.9





#57
Chlorobenzene
Concen: 9.598 ppbv
RT: 11.510 min Scan# 211
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27

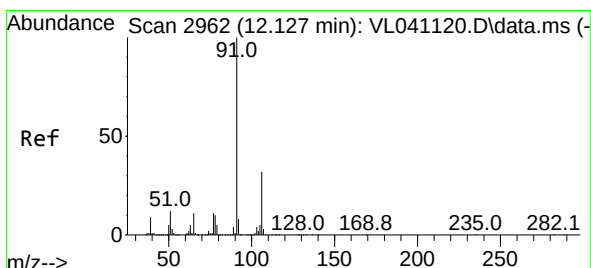
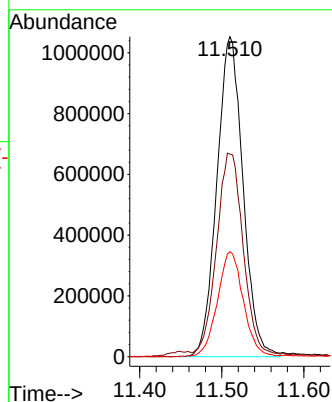
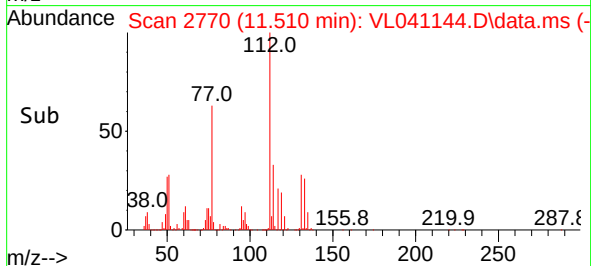
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:112 Resp: 233536
Ion Ratio Lower Upper
112 100
77 62.4 54.0 81.0
114 32.7 29.3 35.9

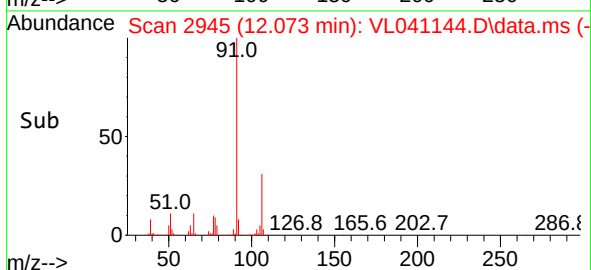
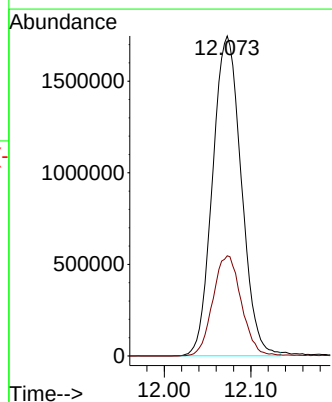
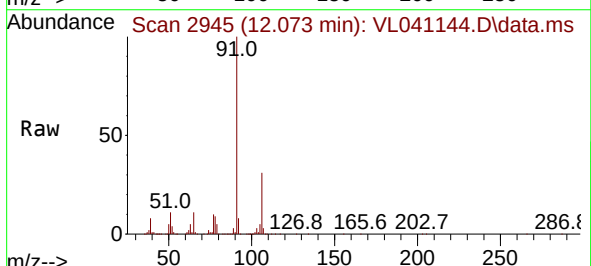
Manual Integrations
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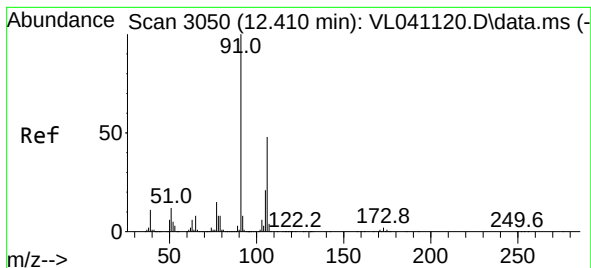
Reviewed By :Semsettin Yesilyurt 04/09/2024
Supervised By :Mahesh Dadoda 04/09/2024



#58
Ethyl Benzene
Concen: 10.323 ppbv
RT: 12.073 min Scan# 2945
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27

Tgt Ion: 91 Resp: 4017137
Ion Ratio Lower Upper
91 100
106 31.3 25.6 38.4





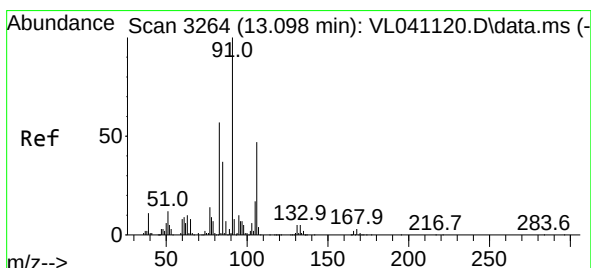
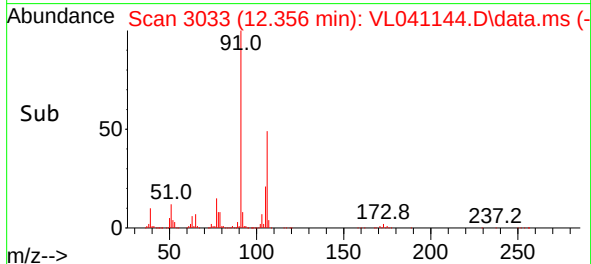
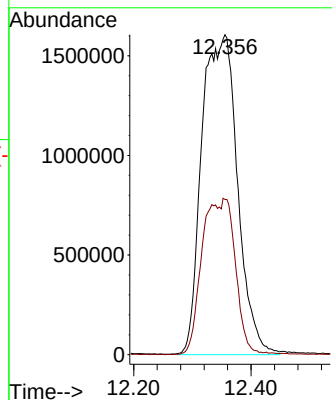
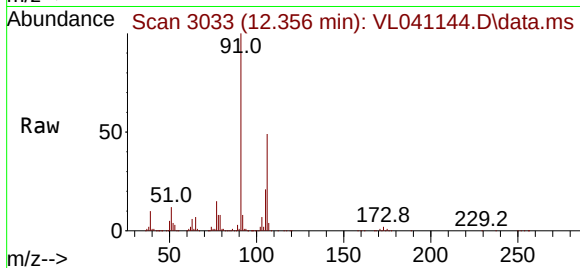
#59
m/p-Xylene
Concen: 19.285 ppbv m
RT: 12.356 min Scan# 3050
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 677733
Ion Ratio Lower Upper
91 100
106 45.6 35.4 53.2

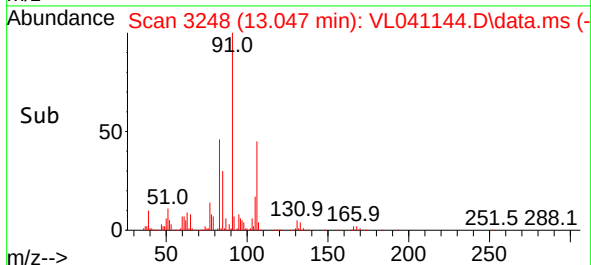
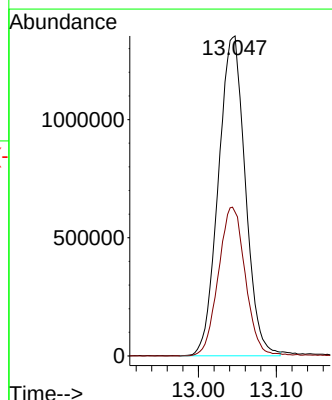
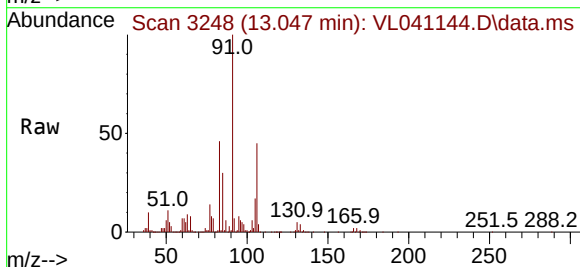
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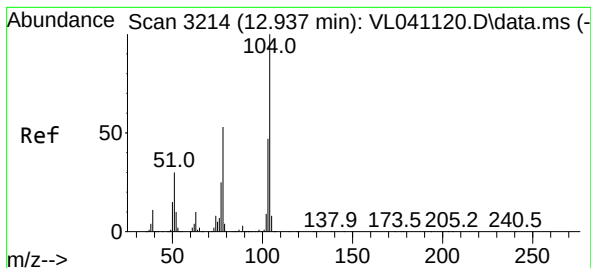
Reviewed By :Semsettin Yesilyurt 04/09/2024
Supervised By :Mahesh Dadoda 04/09/2024



#60
o-Xylene
Concen: 9.730 ppbv
RT: 13.047 min Scan# 3248
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27

Tgt Ion: 91 Resp: 3239976
Ion Ratio Lower Upper
91 100
106 47.0 22.9 68.5





#61

Styrene

Concen: 11.704 ppbv

RT: 12.880 min Scan# 3196

Delta R.T. 0.000 min

Lab File: VL041144.D

Acq: 8 Apr 2024 10:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:104 Resp: 1726890

Ion Ratio Lower Upper

104 100

78 51.1 43.3 64.9

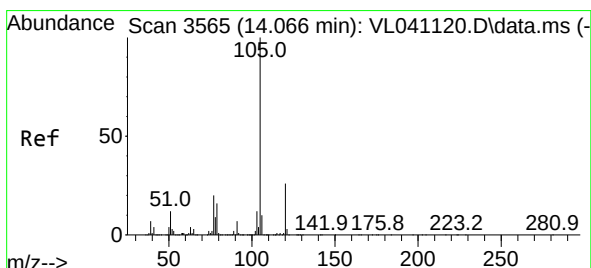
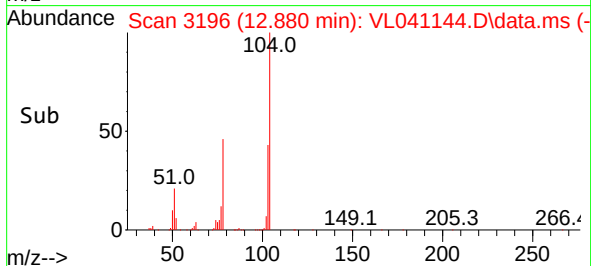
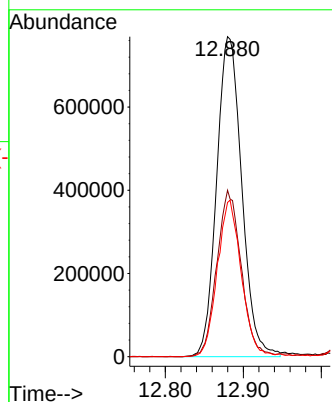
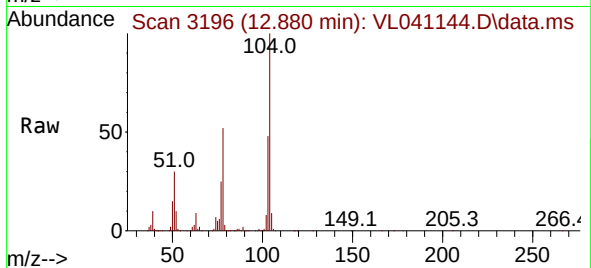
103 47.3 38.2 57.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/09/2024

Supervised By :Mahesh Dadoda 04/09/2024



#62

Isopropylbenzene

Concen: 9.698 ppbv

RT: 14.015 min Scan# 3549

Delta R.T. 0.000 min

Lab File: VL041144.D

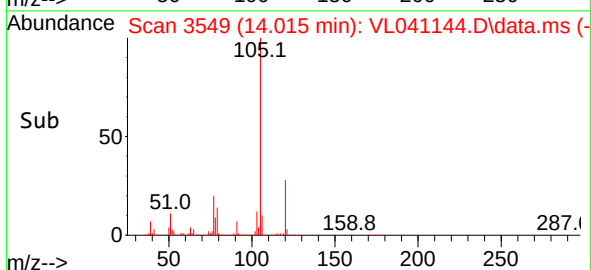
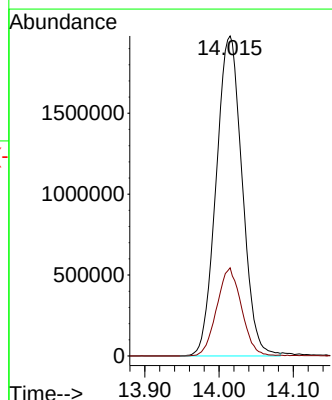
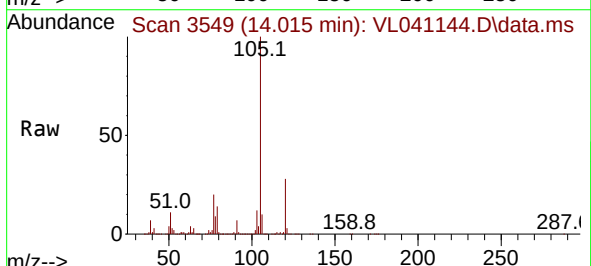
Acq: 8 Apr 2024 10:27

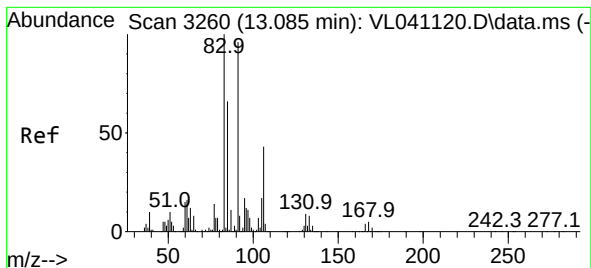
Tgt Ion:105 Resp: 4807550

Ion Ratio Lower Upper

105 100

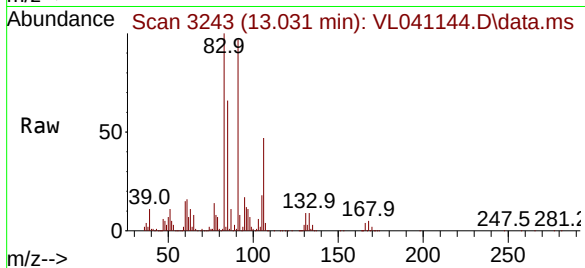
120 26.4 21.0 31.4





#63
1,1,2,2-Tetrachloroethane
Concen: 9.336 ppbv
RT: 13.031 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27

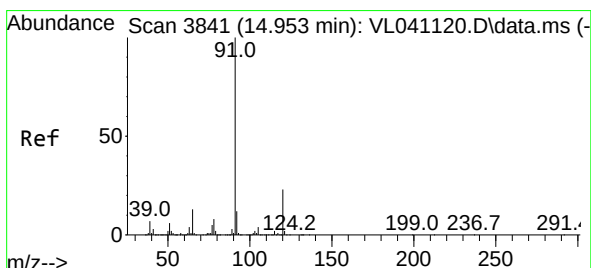
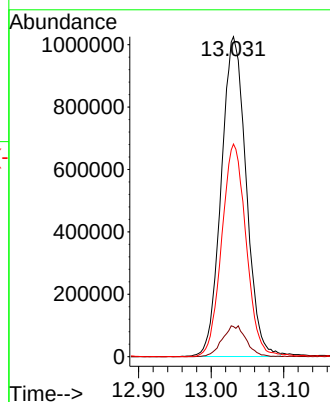
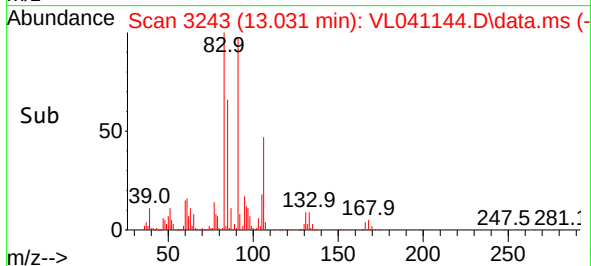
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



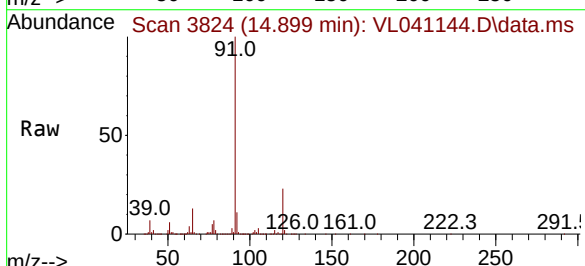
Tgt Ion: 83 Resp: 2442484
Ion Ratio Lower Upper
83 100
131 9.5 4.7 14.0
85 66.1 33.1 99.2

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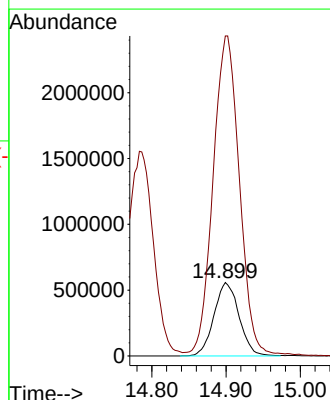
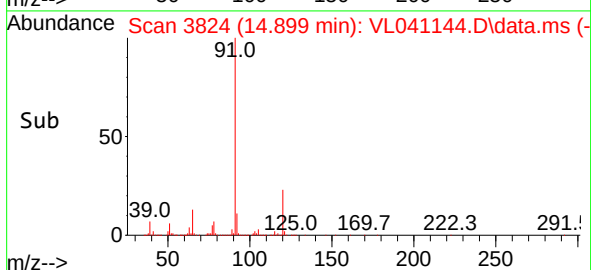
Reviewed By :Semsettin Yesilyurt 04/09/2024
Supervised By :Mahesh Dadoda 04/09/2024

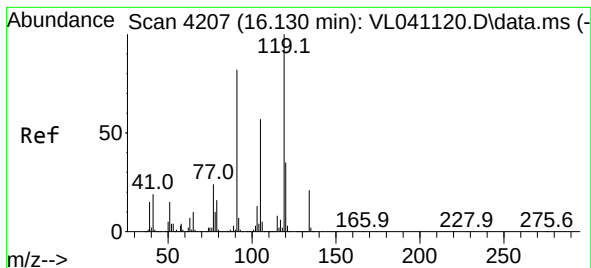


#64
n-propylbenzene
Concen: 10.531 ppbv
RT: 14.899 min Scan# 3824
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27



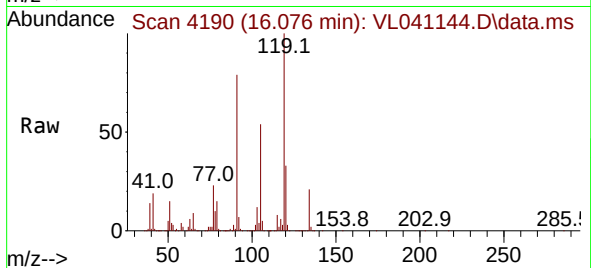
Tgt Ion:120 Resp: 1310118
Ion Ratio Lower Upper
120 100
91 460.2 395.0 592.6





#65
tert-Butylbenzene
Concen: 9.917 ppbv
RT: 16.076 min Scan# 4119
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27

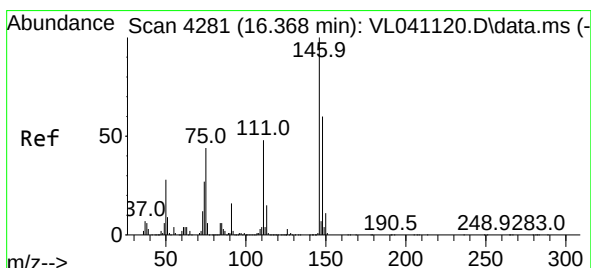
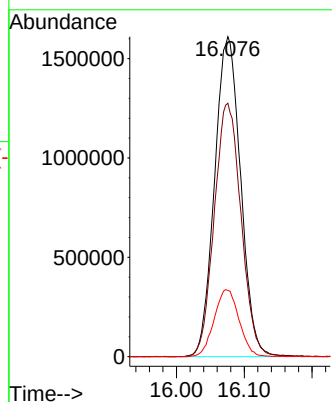
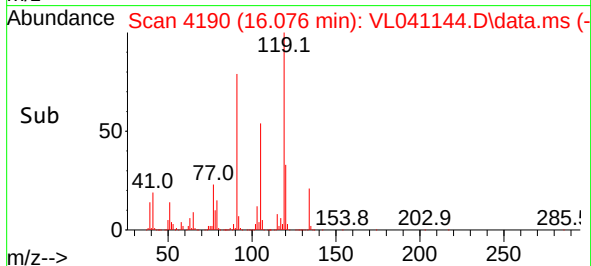
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



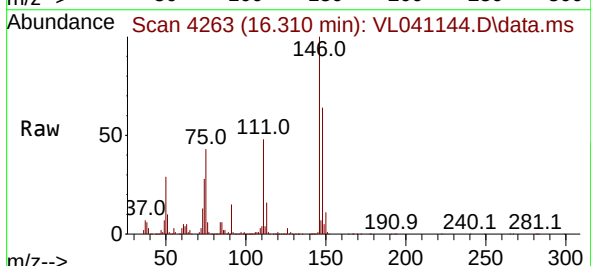
Tgt Ion: 119 Resp: 429188
Ion Ratio Lower Upper
119 100
91 81.7 67.8 101.8
134 20.1 16.0 24.0

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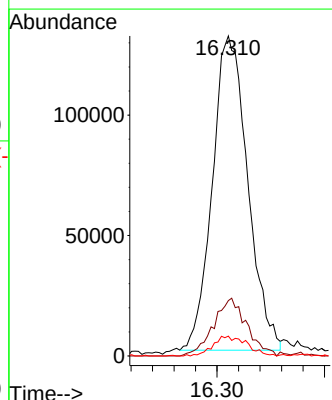
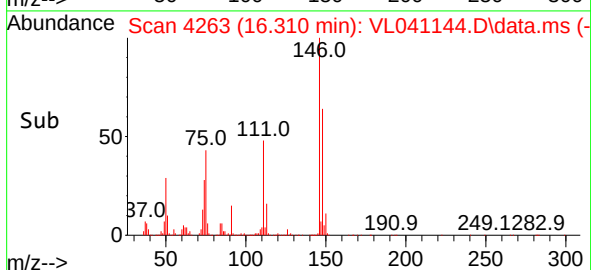
Reviewed By :Semsettin Yesilyurt 04/09/2024
Supervised By :Mahesh Dadoda 04/09/2024

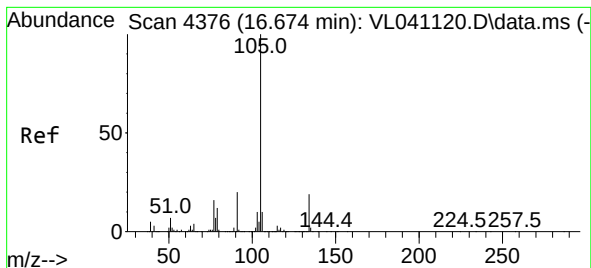


#66
Benzyl Chloride
Concen: 10.451 ppbv
RT: 16.310 min Scan# 4263
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27



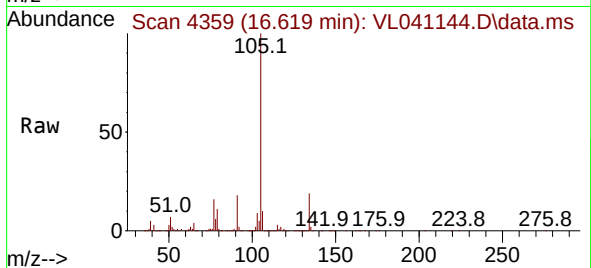
Tgt Ion: 91 Resp: 297576
Ion Ratio Lower Upper
91 100
126 18.0 13.4 20.2
128 6.4 4.3 6.5





#67
 sec-Butylbenzene
 Concen: 9.699 ppbv
 RT: 16.619 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL041144.D
 Acq: 8 Apr 2024 10:27

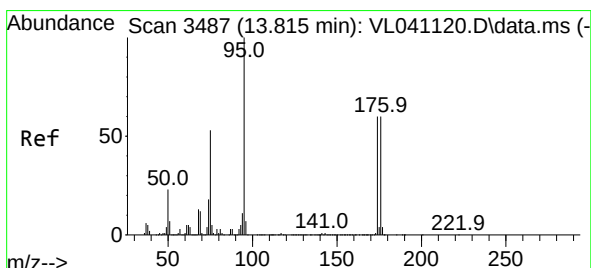
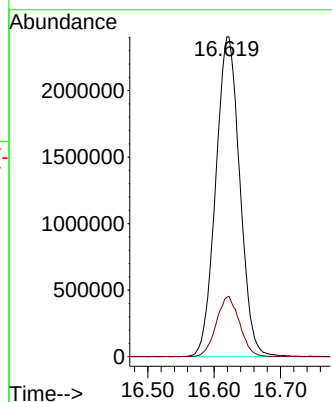
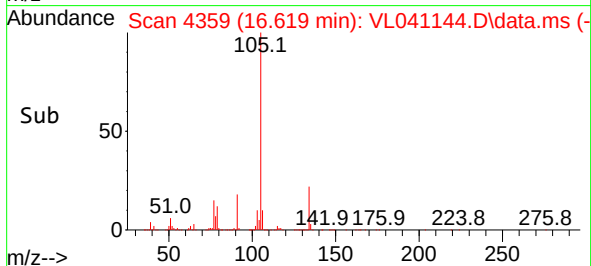
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



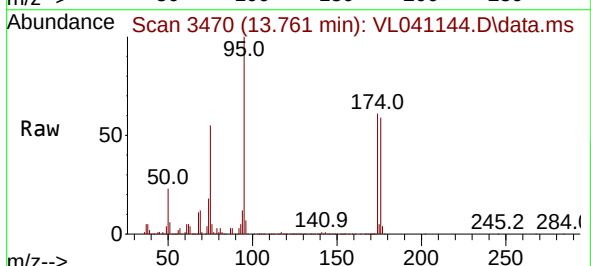
Tgt Ion:105 Resp: 6064670
 Ion Ratio Lower Upper
 105 100
 134 18.3 14.3 21.5

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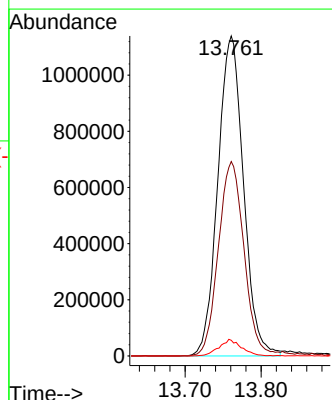
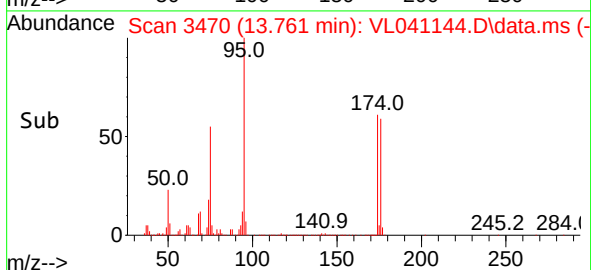
Reviewed By :Semsettin Yesilyurt 04/09/2024
 Supervised By :Mahesh Dadoda 04/09/2024

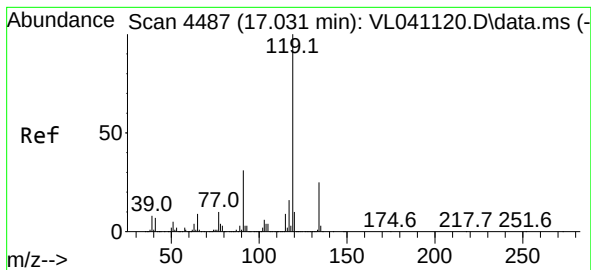


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.352 ppbv
 RT: 13.761 min Scan# 3470
 Delta R.T. 0.000 min
 Lab File: VL041144.D
 Acq: 8 Apr 2024 10:27



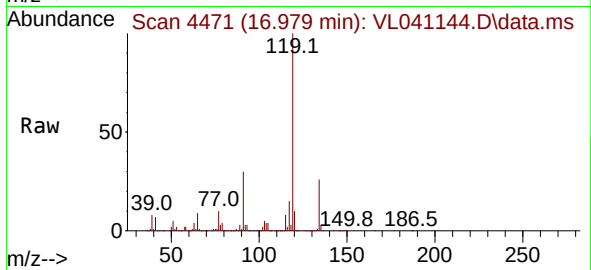
Tgt Ion: 95 Resp: 2672871
 Ion Ratio Lower Upper
 95 100
 174 61.9 49.3 73.9
 175 4.6 3.6 5.4





#69
p-Isopropyltoluene
Concen: 10.206 ppbv
RT: 16.979 min Scan# 4487
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27

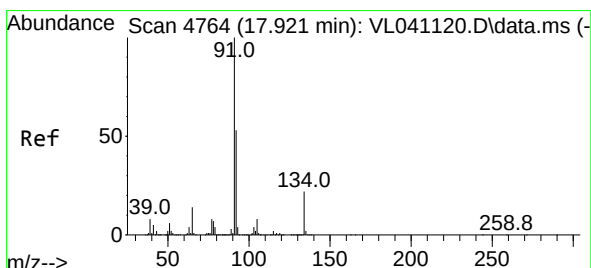
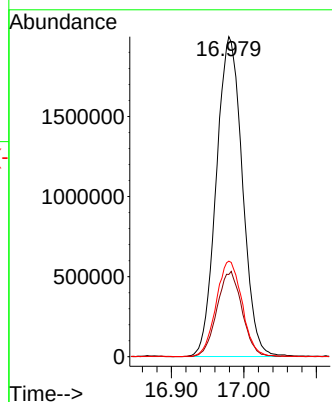
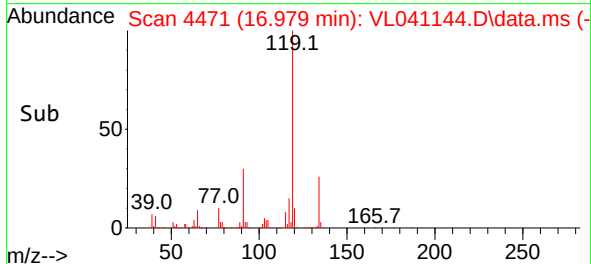
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



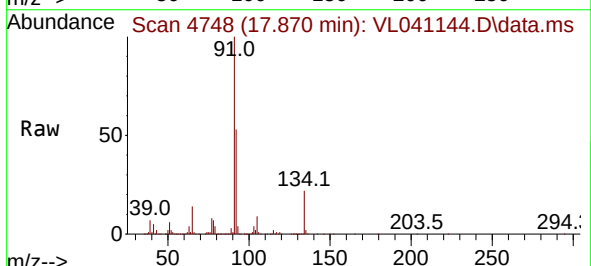
Tgt Ion:119 Resp: 4976697
Ion Ratio Lower Upper
119 100
134 25.9 20.5 30.7
91 29.8 24.8 37.2

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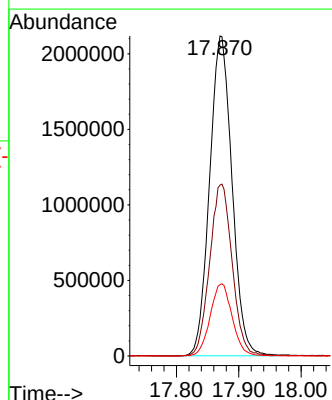
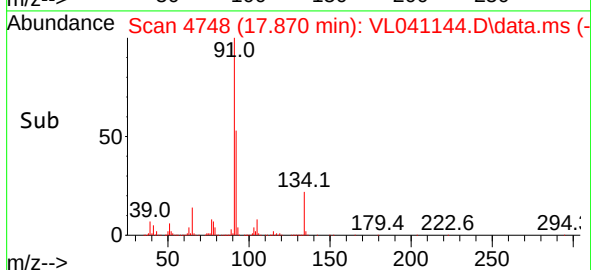
Reviewed By :Semsettin Yesilyurt 04/09/2024
Supervised By :Mahesh Dadoda 04/09/2024

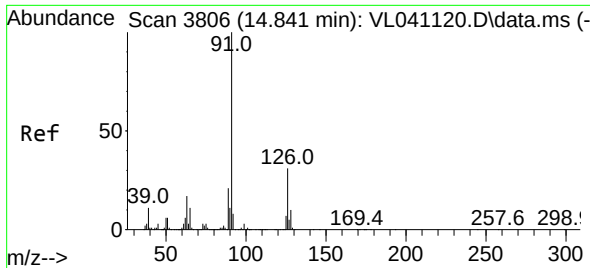


#70
n-Butylbenzene
Concen: 9.977 ppbv
RT: 17.870 min Scan# 4748
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27



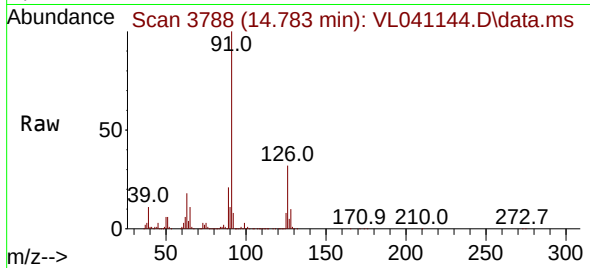
Tgt Ion: 91 Resp: 5284616
Ion Ratio Lower Upper
91 100
92 54.0 43.4 65.0
134 22.3 17.1 25.7





#71
2-Chlorotoluene
Concen: 9.812 ppbv
RT: 14.783 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27

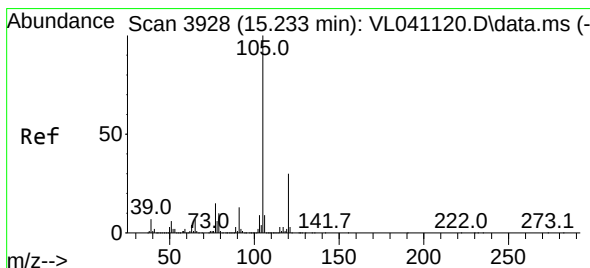
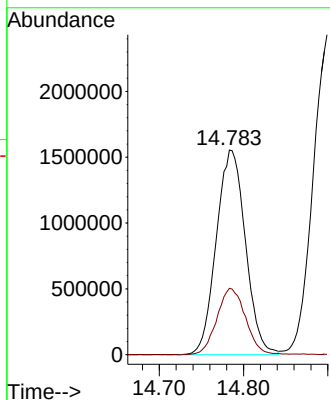
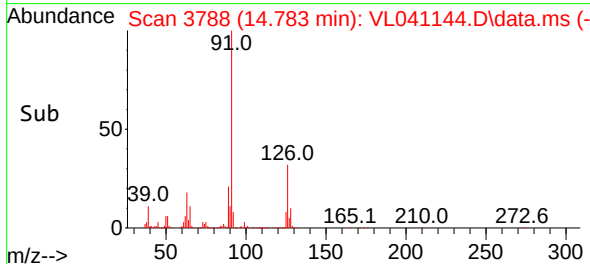
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



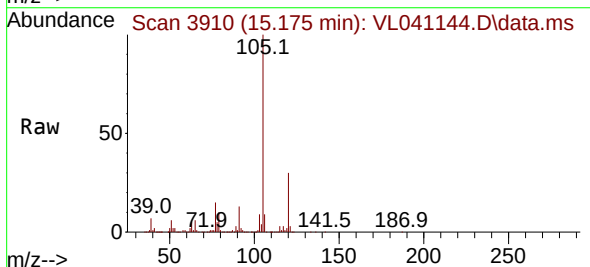
Tgt Ion: 91 Resp: 373088
Ion Ratio Lower Upper
91 100
126 32.2 12.5 50.1

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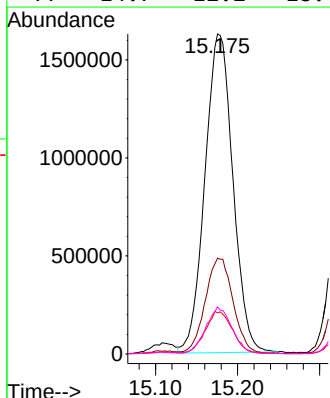
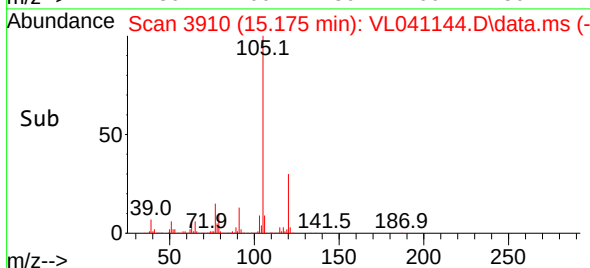
Reviewed By :Semsettin Yesilyurt 04/09/2024
Supervised By :Mahesh Dadoda 04/09/2024

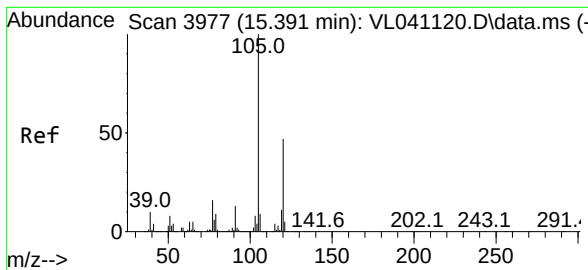


#72
4-Ethyltoluene
Concen: 10.349 ppbv
RT: 15.175 min Scan# 3910
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27



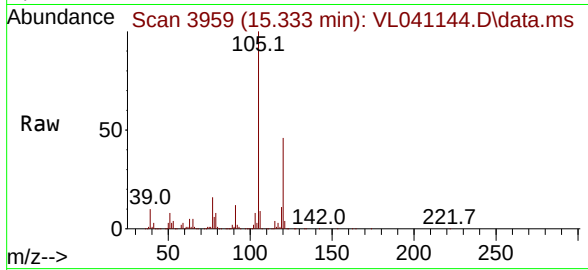
Tgt Ion:105 Resp: 3848886
Ion Ratio Lower Upper
105 100
120 30.2 24.2 36.2
91 13.0 11.2 16.8
77 14.7 12.2 18.4





#73
1,3,5-Trimethylbenzene
Concen: 10.121 ppbv
RT: 15.333 min Scan# 3977
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27

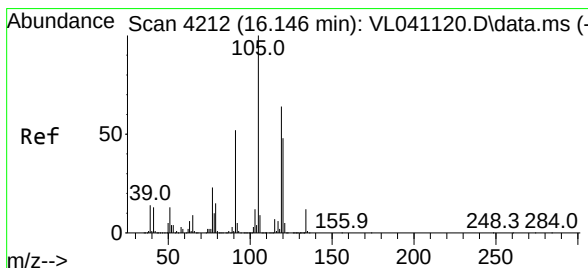
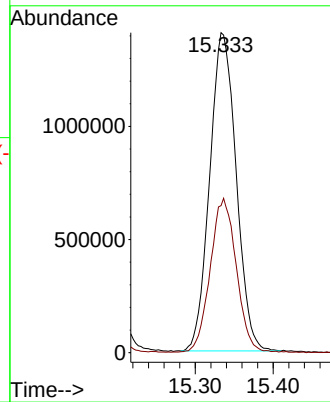
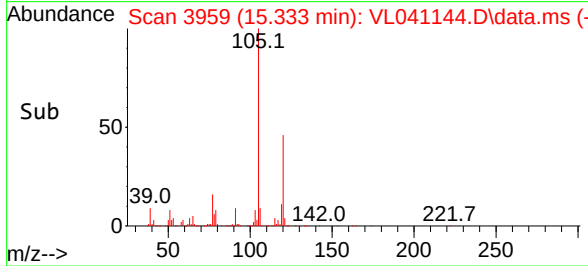
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



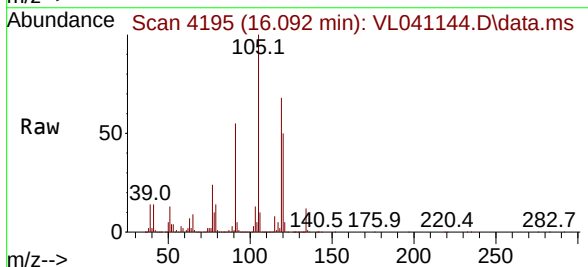
Tgt Ion:105 Resp: 331974
Ion Ratio Lower Upper
105 100
120 45.9 37.8 56.8

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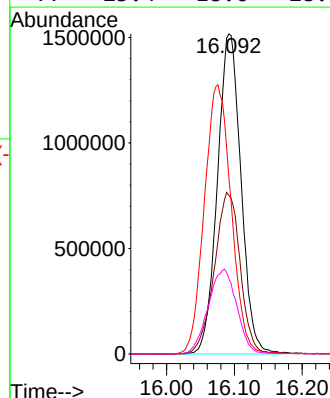
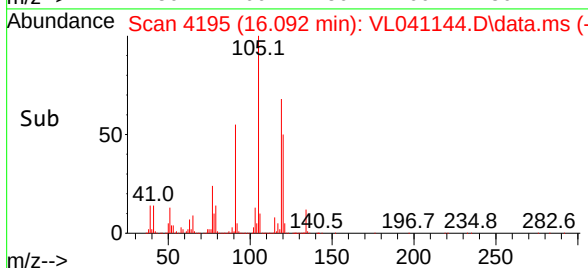
Reviewed By :Semsettin Yesilyurt 04/09/2024
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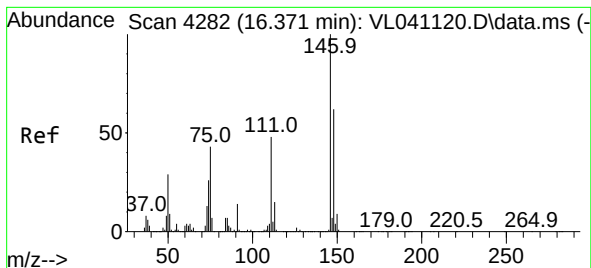


#74
1,2,4-Trimethylbenzene
Concen: 9.760 ppbv
RT: 16.092 min Scan# 4195
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27



Tgt Ion:105 Resp: 3663927
Ion Ratio Lower Upper
105 100
120 49.5 38.9 58.3
91 54.8 43.0 64.6
77 23.4 18.6 28.0





#75

1,3-Dichlorobenzene

Concen: 9.922 ppbv

RT: 16.314 min Scan# 4309

Delta R.T. 0.000 min

Lab File: VL041144.D

Acq: 8 Apr 2024 10:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:146 Resp: 217467

Ion Ratio Lower Upper

146 100

111 48.1 24.1 72.4

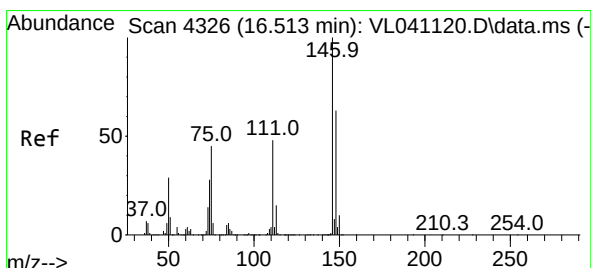
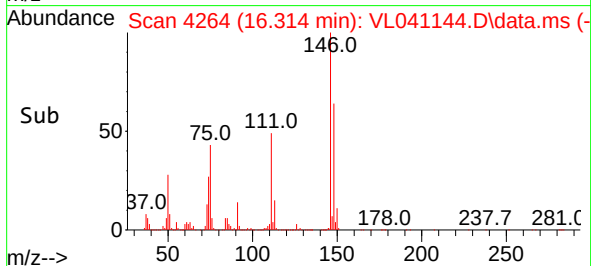
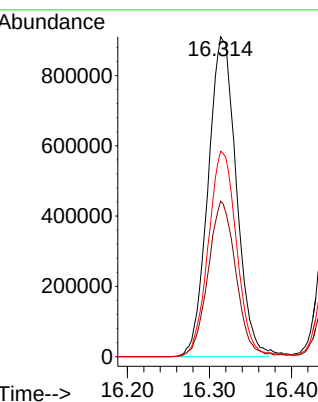
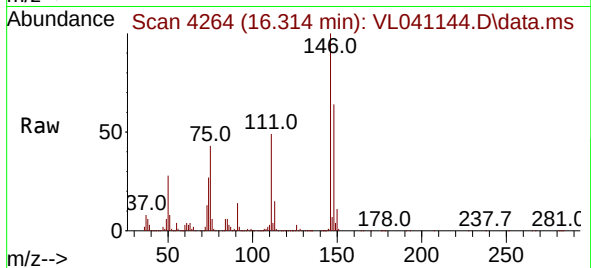
148 64.7 32.0 96.2

Manual Integrations

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#76

1,4-Dichlorobenzene

Concen: 9.940 ppbv

RT: 16.458 min Scan# 4309

Delta R.T. 0.000 min

Lab File: VL041144.D

Acq: 8 Apr 2024 10:27

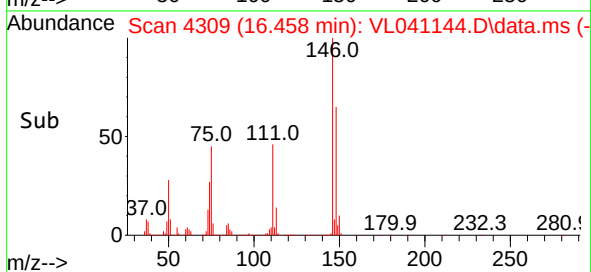
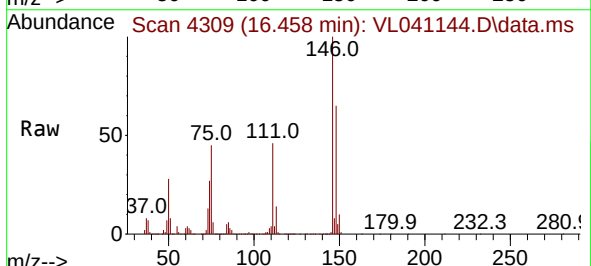
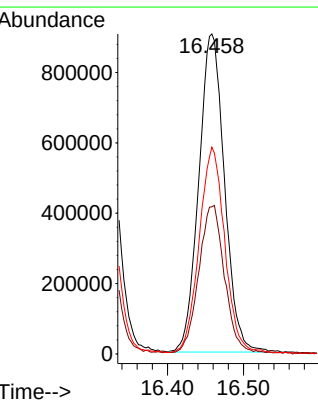
Tgt Ion:146 Resp: 2119093

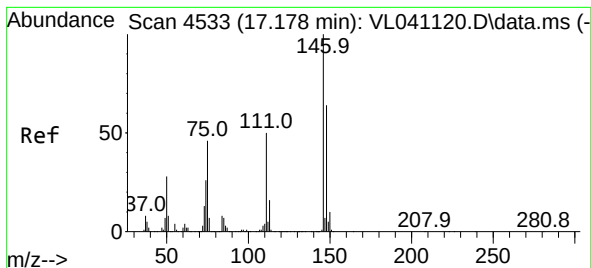
Ion Ratio Lower Upper

146 100

111 47.6 24.1 72.3

148 65.7 33.1 99.2





#77

1,2-Dichlorobenzene

Concen: 9.883 ppbv

RT: 17.127 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041144.D

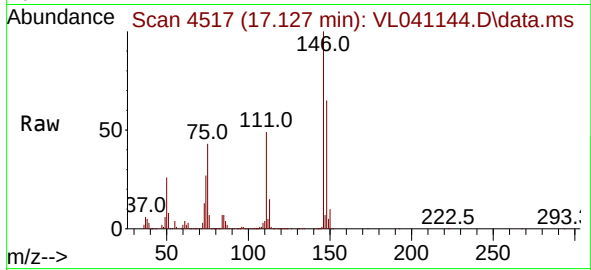
Acq: 8 Apr 2024 10:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:146 Resp: 210340

Ion Ratio Lower Upper

146 100

111 49.7 25.1 75.3

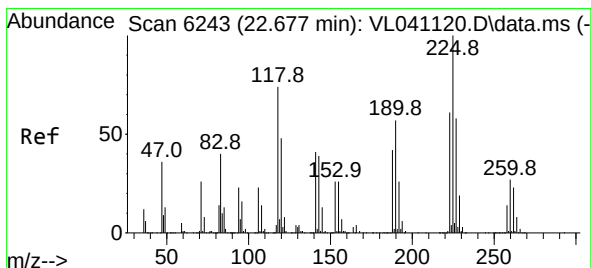
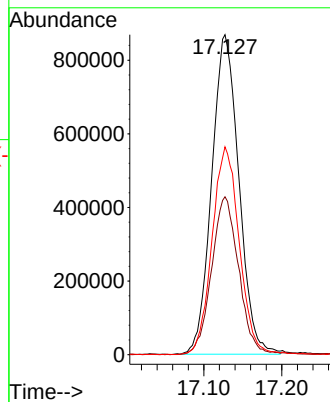
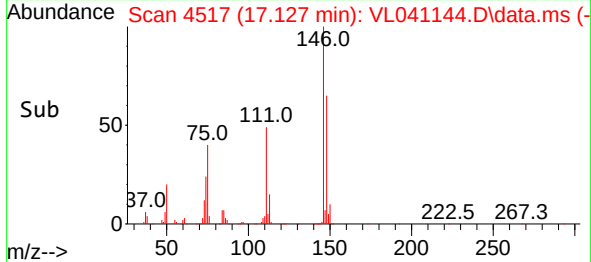
148 65.4 32.6 97.7

Manual Integrations

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#78

Hexachloro-1,3-Butadiene

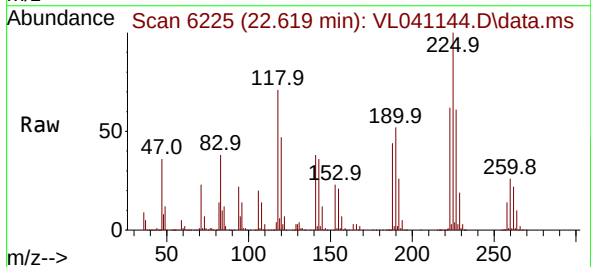
Concen: 9.246 ppbv

RT: 22.619 min Scan# 6225

Delta R.T. 0.000 min

Lab File: VL041144.D

Acq: 8 Apr 2024 10:27



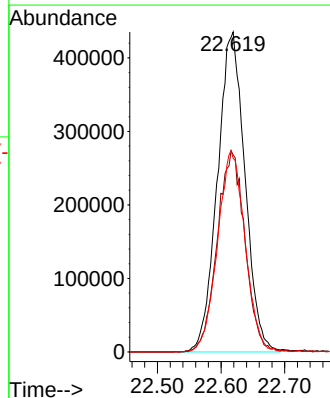
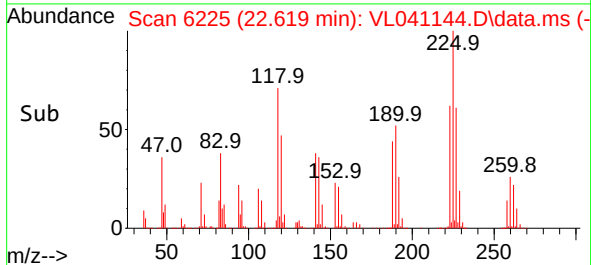
Tgt Ion:225 Resp: 1308253

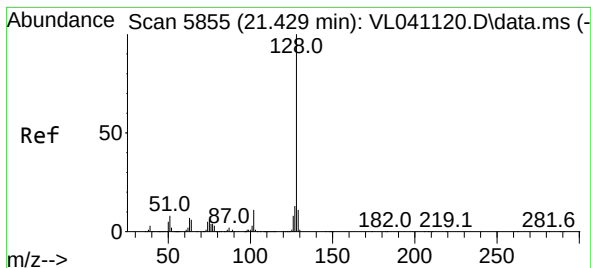
Ion Ratio Lower Upper

225 100

223 63.6 50.9 76.3

227 62.8 51.3 76.9





#79

Naphthalene

Concen: 13.139 ppbv

RT: 21.368 min Scan# 5836

Delta R.T. 0.000 min

Lab File: VL041144.D

Acq: 8 Apr 2024 10:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:128 Resp: 316419

Ion Ratio Lower Upper

128 100

127 12.8 10.6 15.8

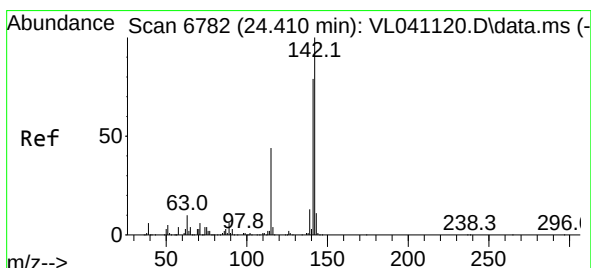
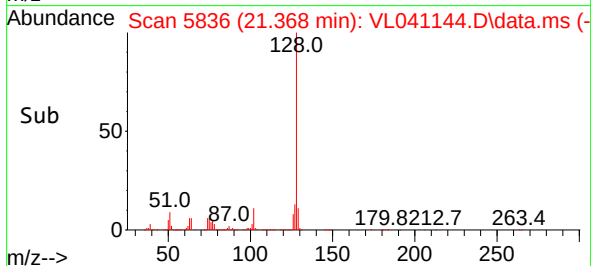
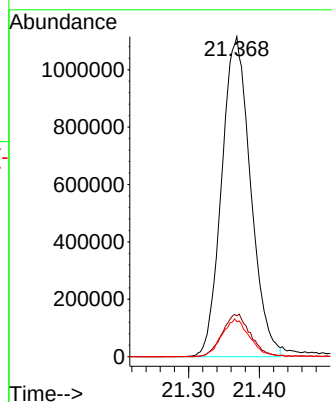
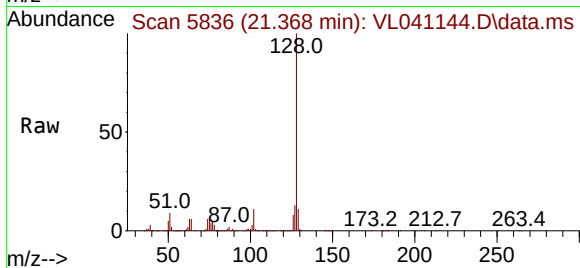
129 11.0 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/09/2024

Supervised By :Mahesh Dadoda 04/09/2024



#80

Naphthalene,2-methyl-

Concen: 14.666 ppbv

RT: 24.365 min Scan# 6768

Delta R.T. 0.000 min

Lab File: VL041144.D

Acq: 8 Apr 2024 10:27

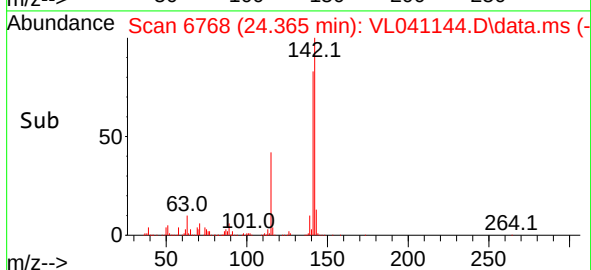
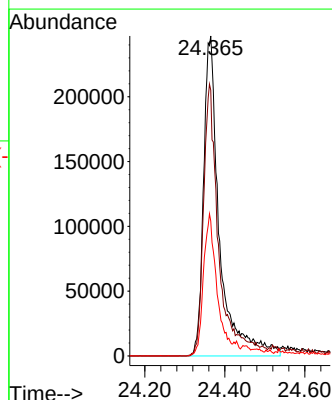
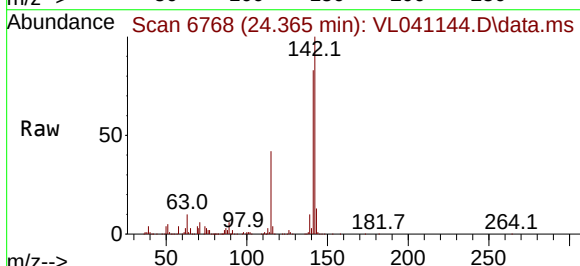
Tgt Ion:142 Resp: 688031

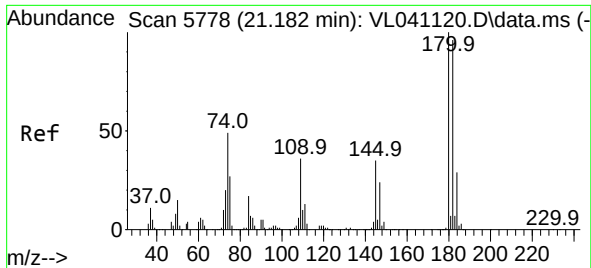
Ion Ratio Lower Upper

142 100

141 81.4 64.4 96.6

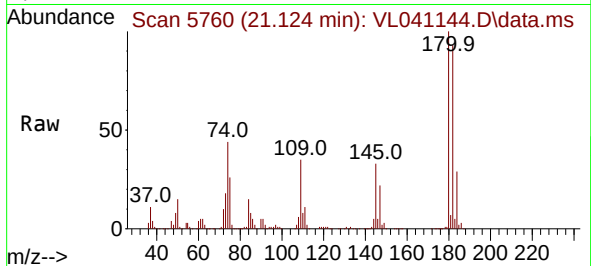
115 44.1 33.5 50.3





#81
 1,2,4-Trichlorobenzene
 Concen: 11.527 ppbv
 RT: 21.124 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VL041144.D
 Acq: 8 Apr 2024 10:27

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:180 Resp: 1556290

Ion	Ratio	Lower	Upper
180	100		
182	97.6	77.4	116.2
184	29.8	24.9	37.3

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/09/2024
 Supervised By :Mahesh Dadoda 04/09/2024

